Appendix H1

Phase I ESA Parcel A and Land Parcels

PARTNER
Engineering and Science, Inc.®

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Parcel A and Land Parcels
795 H Street, 360, 364, 368 and 390 Bay Boulevard
Chula Vista, CA 91910

Report Date: March 8, 2023
Partner Project No. 23-399112.1

Prepared for:

PSIP Wohl Bay Boulevard, LLC
2828 East Foothill, Suite 201
Pasadena, California 91107

PARTNER
Engineering and Science, Inc.

March 8, 2023

Ms. Katrina Snyder
PSIP Wohl Bay Boulevard, LLC
2828 East Foothill, Suite 201
Pasadena, California 91107

Subject: **Phase I Environmental Site Assessment**
795 H Street and 360, 364, 368 and 390 Bay Boulevard
Chula Vista, CA 91910
Partner Project No. 23-399112.1

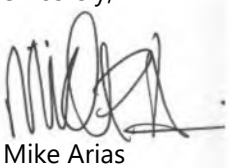
Dear Ms. Snyder:

Partner Engineering and Science, Inc. (Partner) is pleased to provide this *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 and E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Client Agreement.

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

We appreciate your trust in Partner and the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (626) 604-5203 or Marias@partneresi.com.

Sincerely,



Mike Arias
Principal

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a *Phase I Environmental Site Assessment* (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13 and E1527-21, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by PSIP Wohl Bay Boulevard, LLC (PSIP Wohl) for the property located at 795 H Street and 360, 364, 368 and 390 Bay Boulevard, Chula Vista, CA 91910, Chula Vista, San Diego County, California (the "subject property").

Property Description

The subject property is located on the west side of Bay Boulevard, between H Street and Lagoon Drive, within an industrial area of San Diego County. Please refer to the table below for further description of the subject property:

Subject Property Data	
Addresses:	795 H Street and 360, 364, 368 and 390 Bay Boulevard , Chula Vista, CA 91910
Historical Addresses:	Land Parcels: 362 Bay Boulevard Parcel A: 388 Bay Boulevard, 850 Lagoon Drive (Rohr Facility address)
Property Use:	Industrial - Vacant Parcels and Industrial Buildings
Land Acreage (Ac):	14.7 Ac Total
Number of Buildings:	Not applicable
Assessor's Parcel Number (APN):	567-022-31-00 (360 Bay Boulevard/Rohr Property ID 8) 567-022-33-00 (364 Bay Boulevard/Rohr Property ID 9) 567-022-28-00 (368 Bay Boulevard/Rohr Property ID 6) 567-022-30-00 (390 Bay Boulevard/Rohr Buildings 99/100) 571-330-35-00 (795 H Street/Rohr Building 29)
Current Tenants:	Vacant Land (360-368 Bay Boulevard); Land Care (390 Bay Boulevard/Rohr Building 99/100); and Marine Group and Proactive Group Logistics (795 H Street/Rohr Building 29)
Site Assessment Performed By:	Heather Hodgetts of Partner*
Site Assessment Conducted On:	February 16, 2023

Site Description

The subject property, referred to as Land Parcels and Parcel A, is located on the former North Campus of Rohr, Inc. (Rohr), a Collins Aerospace Company. Rohr is a large aircraft parts manufacturing facility that has been operating since 1941. The Rohr facility address is 850 Lagoon Drive. In 2020, Rohr sold the Land Parcels and Parcel A to PSIP Wohl for redevelopment. A description of the subject property is presented below:

Land Parcels - The northern portion of the subject property, referred to as the Land Parcels, consisted of three parcels of vacant land covered with low-lying vegetation. The three parcels were owned by Rohr, Inc. from 1999 to 2020. The parcels are identified by site addresses and Rohr Inc. ID numbers: 360 Bay Boulevard (Rohr Property ID 8); 364 Bay Boulevard (Rohr Property ID 9); and 368 Bay Boulevard (Rohr Property ID 6). The Land Parcels are surrounded by a fence. Access to the subject property is via a gate along Bay Boulevard.

Parcel A - Parcel A consists of two industrial parcels located to the south of the Land Parcels and separated by G Street.

- The northern parcel is located on the north side of G Street at 390 Bay Boulevard (APN 567-022-30-00) and developed with Rohr Buildings 99 and 100. Building 99 consists of 35,560 square feet constructed in 1980. Building 99 was previously used for human resources, training, gym, and medical services by Rohr. Building 100 consists of 2,800 square feet constructed in 1980. Building 100 was previously used as a laboratory, research and development by Rohr and truck maintenance before Rohr purchased it. A small oil/water separator was previously utilized by the Rohr laboratory use with the laboratory equipment. The site is currently leased to Land Care, a landscaping company since March 2022. Land Care utilizes Building 100 to store equipment and uses the gated parking lot to store trucks/vehicles. Building 99 is currently vacant office and service space that is not used by Land Care.
- The southern parcel is located on the south side of G Street at 795 H Street (APN 571-330-35-00) and developed with Rohr Building 29. Building 29 consists of 281,597 square feet constructed between 1957 and 1962. The building interior consists of former office, tooling, laboratory, and photo lab areas, and hydraulic powered crane systems. A former crane pit is located on the north side of the building. The pit is reported to be approximately 18-inches deep and was filled with rain water. Former testing labs, hydraulic pumps, and storage areas were located on the north side of the building. The building was vacant from September 2020 until November 2021. In the summer of 2021, approximately 50,000 square feet of mezzanine was removed from the east wall of the building.

  The site is currently leased to Marine Group and Proactive Logistics. Marine Group leases approximately 1,500 square feet to store motor homes on the south side of Building 29. Proactive Group Logistics leases approximately 150,000 square feet in the central portion of Building 29 for storage. The northern portion of the Building 29 is currently not in use.

  In April 2023, Wohl intends to demolish the northern 24,000 square feet of Building 29 to construct a new loading dock. Once demolition is complete remedial activities including removing volatile organic compound (VOC) impacted soil and installing and operating a sub-slab depressurization system (SSDS) to mitigate VOCs in soil vapor from impacted groundwater will be completed as part of the Cleanup and Abatement Order No. R9-2021-0042 (CAO) discussed further below.

Historical Use

Land Parcels

According to available historical sources, the Land Parcels was undeveloped or vacant land in 1904. From 1928 to 1949, the Land Parcels were agriculturally developed land. From 1953 to at least 1985, the Land Parcels were developed with multiple small industrial structures. Businesses reportedly included aircraft parts manufacturing, refrigeration unit repair, storage, junkyards, and a veterinary hospital. According the city directories, former tenants on the subject property appeared to include B&H Metal Co., Hammer Benj W, Lyman Jos, Mansell Marine Inc. engine exchange, Mansell Earl A (1955-1960); South Bay Vet Hospital (1956-1966); Post Aircraft Co. Inc. (1960); Yarie Richard J GA27905, Post Aircraft Co GA (1961); A&R Used

Auto Parts wreckers, South Bay Marine boat sales & repair (1965); Ultra Plastics (1966); A&R Used Truck Parts, SD Pump & Compressor Supply (1971-1986); Thermo King (1975); Durrant Marcia A, Elliott Carol (1979-1982); Edwards Hugh L (1980-1986); and Jennings Dale J (1986). According to the July 2022 Revised Baseline Human Health Risk Assessment prepared by Haley & Aldrich (H&A), after 1953, the Land Parcels at 360, 364, and 368 Bay Boulevard were developed with mixed commercial/industrial and residential use. Businesses that occupied these parcels included aircraft parts manufacturing, refrigeration unit repair, storage, junkyards, and a veterinary hospital. 360 Bay Boulevard was formerly used for auto maintenance and repair, auto dismantling, and salvaging that included a gold ore extraction/recovery operation. By the mid-1980s, the properties were acquired by the City of Chula Vista and business operations ceased. In 1999, Rohr acquired the Land Parcels and they have remained vacant since.

Parcel A - Buildings 99/100

According to available historical sources, Parcel A currently was developed with agriculturally developed land from 1928 to 1949. From 1953 to 1966, the site was developed with a trailer park and a parking lot. By 1976, the trailer park was no longer present. By 1980, Buildings 99 and 100 were constructed on the property. According the city directories, former tenants on the subject property appeared to include Duvall Co. (1956-1961)Harbor Trailer Park, Maksor Trailer Park (1956-1975); Lawless Detat Diesel (1980) and Valley Det Dies All (1985). According to the H&A July 2022 Revised Baseline Human Health Risk Assessment, Valley Detroit Diesel repaired semi-truck engines at Buildings 99 and 100 starting in 1978. In 1986, Rohr purchased Buildings 99 and 100 from Valley Detroit Diesel and used the buildings primarily for administrative purposes. Test laboratories were housed in Building 100 until 2021.

Parcel A - Building 29

According to available historical sources, Parcel A was agriculturally developed land in 1928. Several small structures were located on the northeast corner and southern portion of the parcel located south of G Street. By 1949, the parcel was developed with several structures on the central and southern (Building 28) portions of the site. By 1964, the parcel was developed with a large building (Building 29), a smaller building (Building 28) on the south side of the site, and several out-buildings on the northeast corner of the parcel as part of the Rohr facility. Building 28 was used as a cafeteria and a warehouse. By 1996, Building 28 had been removed and was replaced with a parking lot. According to the H&A July 2022 Revised Baseline Human Health Risk Assessment, Building 29 was constructed by Rohr in phases beginning in about 1957 to 1962. Building 29 was covered under the Rohr North Campus address of 850 Lagoon Drive. The building was used for tooling and machining and office space. The Maintenance Department for the facility was located in the northern portion of the building. The building also formerly housed laboratories, kitting, an Aftermarket Spares Warehouse, Service Center and FAI repairs, storage, tool calibration, product development, and office space. Historical uses for the parcel prior to Rohr included agriculture, a possible lumber yard, and residential.

In 2020, Rohr sold the Land Parcels and Parcel A to PSIP Wohl.

Previous Site Investigations

The subject property was identified on the GeoTracker database as part of ongoing investigations associated with Rohr, Inc. and Cleanup and Abatement Order (CAO) No. R9-2021-0042. The Rohr facility has been divided into three parts: Parcels A, B, and C. Buildings 29, 99, and 100 were investigated as part of Case Number T10000011095 Goodrich Aerostructures – North Campus – Eastern Parcel A at 850 Lagoon Drive. The Land Parcels at 360, 364, and 368 Bay Boulevard were formerly investigated as Parcel C (Case Number T0608199629). Upon the sale of Parcel A and the Land Parcels to PSIP Wohl, the Land Parcels (APNs 567-022-28, 567-022-31, and 567-022-33) were added to Parcel A and included in the H&A July 2022 Revised Baseline Human Health Risk Assessment.

Partner reviewed available documents on the GeoTracker online database. Previous investigations conducted between 1986 and 2022 at the subject property have included soil, soil vapor, and groundwater sampling. Historical environmental features on Parcel A have been investigated for their specific chemicals of potential concern (COPCs) in soil, soil vapor, indoor air, and groundwater as well as indoor air screening (Building 29). The most recent information was largely provided in the April 2021 Revised Conceptual Site Model (CSM), the July 8, 2022 Revised Baseline Human Health Risk Assessment (HHRA) and the December 20, 2022 Demolition and Environmental Management Plan (DEMP) prepared for the North Campus Parcel A, Chula Vista, CA (Site ID #2092900) by Haley & Aldrich. Haley & Aldrich is the primary consultant for Rohr. The April 2021 Revised Conceptual Site Model (CSM) report prepared by Haley & Aldrich indicated that historical environmental features that could be potential sources of chemicals beneath Parcel A included aboveground storage tanks (ASTs), underground storage tanks (USTs), paint booths, and vapor degreasers. Figures 2, 3, and 4 in the CSM depicts the former operational features, including buildings, ASTs, USTs, underground vessels, vaults, paint booths, degreasers, hydraulic equipment, and maintenance and storage areas located at the subject property. This equipment has been removed. A summary of pertinent information is summarized below:

- **Formerly Thermo King (Case Number T0608199629) – 340 Bay Blvd.**

In May 1992, TorStan Inc. completed a Lead, Pesticide, and Polychlorinated Biphenyl Soil Sampling Report for 350-360 Bay Boulevard. TorStan Inc. concluded that there was soluble lead contamination above the CCR STLC throughout the top six inches of soil at 350-360 Bay Boulevard.

In the late 1980s, the environmental due diligence conducted by Rohr identified recognized environmental conditions (RECs) at the subject property and the adjacent property to the north. Regulatory cases were opened with the Couth of San Diego Department of Environmental Health (DEH) for subject property (350-360 Bay Boulevard) and the adjacent properties to the north (340 and 390 Bay Boulevard and 798 Lagoon Drive), commonly referred to as Rohr IDs 4, 11, 10, 5, and 8; the Bay Boulevard Parcels; or Vacant Bay Boulevard Properties. Between 1987 and 2007, soil and groundwater investigations, some soil remediation and groundwater monitoring was conducted on the parcels under the oversight of the DEH. No Further Action (NFA) Letters were issued by DEH in 2001, 2004, 2006, and 2007.

Between 1987 and 2001, environmental investigations were conducted at the subject property (350-360 Bay Boulevard – DEH Establishment # H26520-001). The former use of the subject property included an auto repair/salvage yard (with gold ore extraction) and the storage of used appliances. The investigations included soil and groundwater samples for lead, pesticides and polychlorinated biphenyls (PCBs). Lead and Total Petroleum Hydrocarbons (TPH) was identified in soil. Trichloroethene (14 micrograms per liter (µg/l in MW-2) and Chloroform (3-5 µg/l in MW-1 to MW-3) were identified in three groundwater wells onsite and the adjacent Rohr site (located adjacent to the west, southwest, south). Concentrations were detected above the recommended California State Action Level of 5 µg/l. Groundwater impacts were thought to have originated offsite. It was not clear from the documents reviewed how long groundwater continued to be monitored. Pesticides and PCBs were detected at relatively low concentrations (below concentrations requiring action).

According to the Case Closure Summary dated September 6, 2001, the subject property was identified as a Vacant Lot (350-360 Bay Boulevard) owned by the City of Chula Vista. In February 2001, approximately 800 cubic yards lead contaminated soil were excavated to a depth of 2 feet and disposed offsite to the Otay Class I Landfill. Confirmation soil samples were collected from the perimeter and the floor of the footprint of the excavation at statistically random locations. The consultant concluded that the mean total lead concentration in-situ soils at the site was 54 milligram per kilogram (mg/kg) and the upper 95% confidence interval was 71 mg/kg, both lower than the residential (PRG) of 400 mg/kg. The consultant concluded that this soil contamination did not present a human health risk at the subject property. The proposed future use of the site was listed as light industrial with paved areas and building on concrete slabs. On September 17, 2001, DEH issued a No Further Action (NFA) letter.

In July 2016, Haley & Aldrich, Inc. prepared a Phase I ESA for the subject property and adjacent properties to the north for Rohr, the property owner. Rohr was proposing to sell the Bay Boulevard parcels. The subject property was vacant land at the time of the 2016 assessment. Haley & Aldrich, Inc. identified the RECs associated with lead, pesticides, and polychlorinated biphenyls (PCBs), in connection with the subject property and adjacent properties:

<u>Onsite RECs</u>

- Lead in Soil (Rohr IDs 5 and 8 -350-360 Bay Boulevard): In 2001, approximately 1,500 cubic yards of surface soil containing lead was excavated and used as foundation material for the cap at the Otay Class I Landfill. Regulatory oversight was conducted under the DEH VAP. An NFA letter was issued to the City of Chula Vista, but it was not posted on the GeoTracker website nor was it noted in the ERIS Database Report. The subject property cleanup level for lead at that time was the residential California Human Health Screening Level (CHHSL) of 150 milligrams per kilogram (mg/kg); the current residential CHHSL for lead is 80 mg/kg.
- PCBs in Soil (All Rohr IDs): PCBs were detected by URS Corporation (URS) in the drainage swale along the western boundary of the subject property (URS 2015). The source of the PCBs is not known. PCBs were also present in soil on the Rohr IDs 5 and 8 parcels at concentrations up to 7.4 mg/kg. It was unclear whether PCB-containing soil on these parcels had been characterized and removed.

- Agricultural Property Use (All Rohr IDs): The subject property had a history of agricultural use for cultivating citrus and row crops prior to the 1950s. There was the potential that pesticides, both inorganic (containing metals) and organic may have been used to control pests.

In December 2016, Haley & Aldrich, Inc. prepared a Phase II investigation for the subject property to investigate the RECs identified in the June 2016 ESA. The soil analytical results were compared to the U.S. EPA Region 9 Regional Screening Levels (RSLs) and, for lead, the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO). Arsenic concentrations were compared to DTSC established background concentrations for Southern California of 12 milligrams per kilogram (mg/kg). Analytical indicated the following:

Soil

- The concentrations of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), arsenic, PCBs detected were below their respective residential RSLs.
- Total Petroleum Hydrocarbons (TPH) were detected at concentrations between 3.3 J to 190 mg/kg at 795 H Street and 360, 364, 368 and 390 Bay Boulevard.
- Thallium (0.156 J to 0.929 mg/kg) was detected at 364 Bay Boulevard (Rohr Property ID 9) above the residential RSL, but below the commercial/industrial RSL.

Groundwater

- VOCs detected in the groundwater were below the MCL and the vapor-intrusion screening levels for these compounds.
- The arsenic concentration (0.0149 mg/l and 0.0112 mg/l) was slightly above the MCL of 0.010 mg/l at 360 and 368 Bay Boulevard/Rohr Property IDs 8 and 6.

The site investigation is now part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. On April 9, 2018, Haley & Aldrich and Rohr met with the RWQCB to discuss the results of the 2016 Phase II investigation and additional scope of work. The scope of work included a soil vapor survey; however, Haley & Aldrich indicated that it was eliminated from the scope since Rohr will require that any buildings constructed on the subject property by a buyer include a vapor barrier as part of the property transaction. On December 26, 2018, Haley & Aldrich, Inc. submitted a Work Plan for Additional Investigation to the RWQCB. The proposed sample locations were located on the parcels adjacent to the north of the subject property.

- **Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) – 850 Lagoon Drive**

The April 2021 Revised Conceptual Site Model (CSM) report prepared by Haley & Aldrich indicated that historical environmental features that could be potential sources of chemicals beneath Parcel A included aboveground storage tanks (ASTs), underground storage tanks (USTs), paint booths, and vapor degreasers. Figures 2, 3, and 4 in the CSM depicts the former operational features, including buildings, ASTs, USTs, underground vessels, vaults, paint booths, degreasers, hydraulic equipment, and maintenance and storage areas located at the subject property. Table 1 – Environmental Historical Features for Parcel A provides detail regarding the current status of areas or features of potential environmental concern identified in the

environmental investigations. The status of the areas or features of potential environmental concern is listed as closed, inactive, or removed. According to the Revised CSM, the environmental investigations were conducted to evaluate chemical impacts to soil, soil gas, and groundwater as well as indoor air screening (Building 29).

The results of the site investigations identified the following chemicals of potential concern (COPCs) in soil within the Project footprint: VOCs, Total Petroleum Hydrocarbons (TPH), semi-volatile organic compounds (SVOCs), PCBs and the organochlorine pesticide, DDT. Metals concentrations within the Project footprint fall within background ranges. Of the VOCs, trichloroethene (TCE) and tetrachloroethene (PCE) were the primary VOCs detected in soil in Project footprint and vicinity. The maximum concentrations of TCE and PCE were reported in boring B29-23 (37,800 µg/kg) and B29-28 (1,260 µg/kg), respectively. The maximum PCB (Aroclor 1260) concentration reported for soil in the Project footprint was 1,300 µg/kg in boring B29-05 (sample ID B29-05-2). This sample was also reported to contain low concentrations of TPH (in the oil carbon range [C32-C44]; 185 mg/kg), certain SVOCs (maximum concentration was for fluoranthene, 0.21 mg/kg) and DDT (0.021 mg/kg). The maximum VOC soil gas concentrations reported within the vicinity of the Project footprint were: Chloroform: 39,000 µg/m3; PCE: 11,000 µg/m3; and TCE: 3,000,000 µg/m3.

On July 8, 2022, Haley & Aldrich, on behalf of Rohr, Inc., prepared an update to the Revised Baseline Human Health Risk Assessment (HHRA) for North Campus Parcel A, Chula Vista, CA (Site ID #2092900) dated July 8, 2022. The HHRA stated that Rohr was in the process of selling portions of its facility that occupied approximately 82 acres. The Site had been divided into three parts: Parcels A (the subject property), B (adjoining property to the west), and C (adjoining property to the northwest).

In September 2020, Rohr sold Parcel A that includes Buildings 29, 99, and 100 (assessor parcel number [APN] 567-022-30 and the eastern portion of APN 571-330-29) to PSIP Wohl. Wohl had also purchased the vacant parcels (Also referred to as the Land Parcels) at 360, 364, and 368 Bay Boulevard (APNs 567-022-28, 567-022-31, and 567-022-33). These parcels, formerly included in Parcel C, were now also included in the Update to the Revised HHRA. With these added parcels, Parcel A occupied approximately 14.7 acres.

The HHRA stated that Wohl intended to raze the northern portion of Building 29 to build a loading dock and may raze Buildings 99 and 100 to redevelop this parcel and the adjoining vacant properties to the north for surface parking. The Update to the Revised HHRA considered two scenarios, one with Buildings 99 and 100 remaining in place and the other assuming these buildings have been demolished. In addition, buildings may be constructed in the future at undetermined locations on that portion of Parcel A.

Previous investigations conducted between 1986 and 2022 at the subject property have included soil, soil vapor, and groundwater sampling. Historical environmental features on Parcel A have been investigated for their specific chemicals of potential concern (COPCs) in soil, soil vapor, indoor air, and shallow groundwater. Historical chemical sources are coincident with former Site areas associated with long-term chemical usage. VOC releases have migrated through the soil to groundwater, resulting in a groundwater plume that extends westward below Parcel B (adjoining parcel to the west). Soil vapor has the potential to migrate through the building slab and into indoor air. Potential receptors to soil and soil vapor include an onsite commercial/industrial worker, a landscaper/utility worker, and a construction worker.

A comprehensive summary of previous investigations is provided in HHRA and covers:

- 1986-1996 Fuel underground storage tanks (USTs) closures at Buildings 99 and 100
- 1987-2001 350-360 Bay Boulevard Site Assessments related to the lead soil, PCBs, and VOCs
- 1998 Adrian Brown Phase I of the Rohr facility
- 1998 and 1999 San Diego Formation Aquifer Testing
- 1999 Blanchard Grinder UST closure at Building 29
- 2013 Supplemental Remedial Investigation by URS
- 2016 Haley & Aldrich Phase I and IIs at Buildings 29, 99, and 100 and the Vacant Bay Boulevard Properties
- 2018 Sub-Slab and Focused Soil Vapor Survey at Buildings 29, 99, and 100
- 2018-2019 Indoor air screening in Building 29
- 2020 Haley & Aldrich Data Gap Assessment to further characterize the nature and extent of VOCs in soil and groundwater and conduct some step-out sampling in areas where arsenic and PCBs had been detected above screening levels during the Phase II
- 2020 GSI Environmental, Inc. Phase I Screening Investigation on Parcel A
- 2020 Partner Engineering and Science, Inc. Phase I for 350-368 Bay Boulevard
- 2022 Haley & Aldrich Data Gap Assessment

Based on the results of the HHRA, Haley & Aldrich concluded:

Buildings 99/100 - No remediation or mitigation was necessary to protect the on-site receptors. Based on these results, Haley & Aldrich requested that the RWQCB provide concurrence that no further action was warranted and Rohr had met the requirements of the CAO for this exposure area (that includes 360, 364 and 368 Bay Boulevard).

Building 29 – No remediation or mitigation was necessary to protect the on-site landscaper.

Based on sub-slab soil vapor data for the on-site commercial/industrial worker, the cumulative incremental lifetime cancer risks (ILCR) was greater than the acceptable threshold of 1 x 10-5 and the total hazard index (HI) was greater than the acceptable total HI of 1 for the on-site commercial/industrial worker. Bromodichloromethane, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene (PCE), and trichloroethene (TCE) were driving the risk. Heath-based remediation goal (HBRGs) were derived for these chemicals of potential concern (COPCs) in soil vapor to reduce estimated health risks for the on-site commercial/industrial worker from exposure to inhalation of indoor air for Building 29. The soil vapor HBRGs for bromodichloromethane, chloroform, cis-1,2-DCE, PCE, and TCE were 70, 80, 100, 370, and 350 micrograms per cubic meter (µg/m3). Haley & Aldrich stated that the Owner would be installing a sub-slab depressurization system (SSDS) beneath Building 29 as a vapor intrusion mitigation measure and implementing an Risk Management Plan (RMP).

For the on-site construction worker, the cumulative ILCR was less than the acceptable cumulative ILCR threshold of 1 x 10-5 and the lead exposure point concentration (EPC) was less that the commercial/ industrial California Department of Toxic Substances Control Screening Level (DTSC-SL) of 500 milligrams per kilogram (mg/kg). However, the total HI was greater than the acceptable total HI of 1. Remediation or mitigation was therefore warranted to protect the on-site construction worker. TCE was driving the risk. A HBRG was derived for TCE in soil to reduce estimated human health risks for the on-site construction worker

during excavation to construct the new loading dock on the north end of Building 29. The HBRG for TCE in this area is 1.5 mg/kg.

On December 20, 2022, Haley & Aldrich prepared a Demolition and Soil Environmental Management Plan (DEMP) for former Rohr, Inc. North Campus Parcel A on behalf of the property owner, PSIP Wohl Bay Boulevard, LLC, and Rohr. The DEMP will be implemented during the demolition of the northern 24,000 square feet of Building 29 where soil containing TCE will be excavated and disposed at a permitted facility. It was anticipated that the DEMP would be implemented in 2023. The DEMP indicated:

- PSIP Wohl had made improvements to the building that included installing a new heating, ventilation, and air conditioning system and sealing and polishing the concrete floor. PSIP Wohl was required through the Purchase and Sale Agreement with Rohr to install a sub-slab depressurization system (SSDS) to address volatile organic compounds (VOCs) in soil gas that are present beneath the slab in Building 29. A separate Work Plan will be submitted that will describe the design, installation, and monitoring of the SSDS to address soil gas beneath the building slab. The SSDS will be installed during building renovation and prior to a tenant occupying the building.
- A Risk Management Plan (RMP) would be prepared and implemented to address potential future vapor intrusion risk to building occupants. The RMP will include:
- 1) An SSDS post-installation monitoring and performance plan to evaluate the effectiveness of the SSDS in mitigating potential vapor intrusion. Indoor air sampling which is a requirement of the CAO would be included. The plan would be implemented before a tenant occupies the building. 2) Restrictions on changes to the existing building slab; 3) A Contingency Plan; 4) A schedule for performing post-installation sub-slab and indoor air sampling and preparing SSDS performance monitoring reports, and a Post-Mitigation Completion Report; and 5) The preparation and filing of a deed restriction containing restrictions on use and occupancy of Parcel A (the Grant Deed in favor of PSIP Wohl recorded in September 2020 contains such restrictions and satisfies such deed restriction requirement).

During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties	
Northwest:	Vacant land at 350 and 340 Bay Boulevard and 798 F Street (Collins Aerospace (Rohr ID 5, 10, 4, and 11), followed by Lagoon Drive.
Northeast:	Bay Boulevard, followed by Interstate 5 Freeway, railroad tracks, Sweetwater Authority (744 F Street), and Cabrillo Motor Lodge (731 G Street), Vistan Apartments (494 South Oaklawn Avenue), Blue Link Station – H Street (745 H Street), and a multi-tenant commercial building (730 H Street).
Southeast:	H Street, followed by vacant land (former Rohr Inc.-South Campus at 850 Lagoon Drive).
Southwest:	Stormwater ditch, railroad tracks, electrical transmission line, followed by Collins Aerospace (former Rohr Inc.- North Campus and Parcel B) at 850 Lagoon Drive.

According to groundwater sampling data at the subject property and topographic map interpretation, the depth to groundwater in the vicinity of the subject property is inferred to be approximately 20 to 35 feet below ground surface (bgs) and flows to the west (Haley & Aldrich, Inc., January 11, 2018).

Findings and Opinions

Recognized Environmental Condition

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

- The subject property and adjacent properties are part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. Onsite soil and groundwater sampling indicted that:

  Land Parcels

  - Thallium was detected in soil at 364 Bay Boulevard (Rohr Property ID 9) above the residential RSL, but below the commercial/industrial RSL. Based on proposed commercial use further investigation is not warranted at this time.
  - Arsenic was detected in groundwater was slightly above the MCL of 0.010 mg/l at 360 and 368 Bay Boulevard (Rohr Property IDs 8 and 6). Groundwater in this area is not used for potable purposes, Further evaluation of arsenic in groundwater is not warranted at this time.

  Parcel A

  - The results of the site investigations identified the following COPCs in soil including VOCs, TPH, SVOCs, PCBs and the organochlorine pesticide, DDT. Of the VOCs, TCE and PCE were the primary VOCs detected in soil. The maximum VOC soil gas concentrations reported within the vicinity of the Project footprint were: Chloroform: 39,000 µg/m3; PCE: 11,000 µg/m3; and TCE: 3,000,000 µg/m3.

  In order to manage the RECs on Parcel A

  - Impacted soil at the northern end of Building 29 will be excavated and disposed offsite.
  - PSIP Wohl will install a SSDS to address VOCs in soil gas that are present beneath the slab in Building 29 and a RMP will be prepared and implemented to address potential future vapor intrusion risk to building occupants.

Controlled Recognized Environmental Condition

A *controlled recognized environmental condition (CREC)* refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment:

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

Historical Recognized Environmental Condition

A *historical recognized environmental condition (HREC)* refers to a previous release of hazardous substances or petroleum products affecting the that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment: Partner did not identify any HRECs during the course of this assessment.

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

Business Environmental Risk

A *Business Environmental Risks (BER)* is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.
- According to the ERIS Database, PFAS were detected in well data from groundwater monitoring wells mapped on the Rohr South Campus in 2022. There is no current data for the subject property. Currently, there are no legally enforceable federal or State of California criteria for PFAS. In October 2019, the DoD issued a memorandum identifying risk-based screening levels calculated using the USEPA Regional Screening Level (RSL) calculator for PFOA, PFOS, and PFBS in groundwater and soil.

Significant Data Gaps

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and E1527-21 of 795 H Street and 360, 364, 368 and 390 Bay Boulevard, Chula Vista, CA 91910, Chula Vista, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in **Section 1.5** of this report.

This assessment has revealed evidence of RECs and BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- Continue to abide by the requirements of Cleanup and Abatement Order No. R9-2021-0042 (CAO) as directed by RWQCB for the former Rohr facility.
- Manage onsite activities with the existing Demolition and Environmental Management Plan (DEMP).
- Manage future vapor intrusion risk to building occupants with pending Risk Management Plan (RMP).

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and E1527-21 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 795 H Street and 360, 364, 368 and 390 Bay Boulevard, Chula Vista, CA 91910, Chula Vista, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13 and E1527-21) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances.

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

1.2 Scope of Work

The scope of work for this ESA is in accordance with and to the extent necessary to achieve the goal of the requirements set forth in the ASTM Standard E1527-13 and E1527-21. This assessment included: 1) a property and adjoining site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments to obtain readily ascertainable information to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched readily available information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-21, AULs include both legal (that is, institutional) and physical (that is, engineering) controls that may include legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, or surface water on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are

intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

1.3 Limitations

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

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

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

1.4 User Reliance

PSIP Wohl Bay Boulevard, LLC engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of PSIP Wohl Bay Boulevard, LLC. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

1.5 Limiting Conditions

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

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

- Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in **Section 3.0**), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment.
- Partner submitted Freedom of Information Act (FOIA) requests to Air Pollution Control District and Chula Vista Building Department for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property and/or adjoining properties. As of this writing, these agencies have not responded to Partner's request. Based on information obtained from other historical resources, this limitation is not expected to alter the overall findings of this assessment.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 795 H Street and 360, 364, 368 and 390 Bay Boulevard in Chula Vista, California is located on the west side of Bay Boulevard, between H Street and Lagoon Drive. According to the San Diego Geographic Information Source (SanGIS) online database, the subject property is identified by Assessor's Parcel Numbers (APNs):

567-022-31-00 (360 Bay Boulevard/Rohr Property ID 8)
567-022-33-00 (364 Bay Boulevard/Rohr Property ID 9)
567-022-28-00 (368 Bay Boulevard/Rohr Property ID 6)
567-022-30-00 (390 Bay Boulevard/Rohr Buildings 99/100)
571-330-35-00 (795 H Street/Rohr Buildings 29)

According to the San Diego County Treasurer-Tax website, ownership has been vested in PSIP Wohl Bay Boulevard, LLC since 2020.

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

2.2 Current Property Use

The subject property, referred to as Land Parcels and Parcel A, is located on the former North Campus of Rohr, Inc. (Rohr), a Collins Aerospace Company. Rohr is a large aircraft parts manufacturing facility that has been operating since 1941. The Rohr facility address is 850 Lagoon Drive. In 2022, Rohr sold the Land Parcels and Parcel A to PSIP Wohl for redevelopment. A description of the subject property is presented below:

Land Parcels

The northern portion of the subject property, referred to as the Land Parcels, consisted of three parcels of vacant land covered with low-lying vegetation. The three parcels were owned by Rohr, Inc. from 1999 to 2020. The parcels are identified by site addresses and Rohr Inc. ID numbers: 360 Bay Boulevard (Rohr Property ID 8); 364 Bay Boulevard (Rohr Property ID 9); and 368 Bay Boulevard (Rohr Property ID 6). The Land Parcels are surrounded by a fence. Access to the subject property is via a gate along Bay Boulevard.

Parcel A

Parcel A consists of two industrial parcels located to the south of the Land Parcels and separated by G Street.

- The northern parcel is located on the north side of G Street at 390 Bay Boulevard (APN 567-022-30-00) and developed with Rohr Buildings 99 and 100. Building 99 consists of 35,560 square feet constructed in 1980. Building 99 was previously used for human resources, training, gym, and medical services by Rohr. Building 100 consists of 2,800 square feet constructed in 1980. Building 100 was previously used as a laboratory, research and development by Rohr and truck maintenance before Rohr purchased it. A small oil/water separator was previously utilized by the Rohr laboratory use with the laboratory equipment. The site is currently leased to Land Care, a landscaping company. Land Care utilizes Building 100 to store equipment and uses the gated parking lot to store trucks/vehicles. Building 99 is currently vacant office and service space that not used by Land Care. Land Care has been onsite since March 2022.

- The southern parcel is located on the south side of G Street at 795 H Street (APN 571-330-35-00) and developed with Rohr Building 29. Building 29 consists of 281,597 square feet constructed between 1957 and 1962. The building interior consists of former office, tooling, laboratory, and photo lab areas and hydraulic powered crane systems. A former crane pit is located on the north side of the building. The pit is reported to be approximately 18-inches deep and was filled with rain water. Former testing labs, hydraulic pumps, and storage areas were located on the north side of the building. The building was vacant from September 2020 until November 2021. In the summer of 2021, approximately 50,000 square feet of mezzanine was removed from the east wall of the building. The site is currently leased to Marine Group and Proactive Logistics. Marine Group leases approximately 1,500 square feet to store motor homes on the south side of Building 29. Proactive Group Logistics leases approximately 150,000 square feet in the central portion of Building 29 for storage. The northern portion of the Building 29 is currently not in use. In April 2023, Wohl intends to demolish the northern 24,000 square feet of Building 29 to construct a new loading dock. Prior to the new construction, remedial activities including removing volatile organic compounds (VOCs) impacted soil beneath the northern portion of the building and installing and operating a sub-slab depressurization system (SSDS) to mitigate VOCs in soil vapor from impacted groundwater will be completed as part of the Cleanup and Abatement Order No. R9-2021-0042 (CAO) discussed further below.

The subject property is zoned Local Coastal Program Specific Plan Area for industrial development by the City of Chula Vista.

The subject property is identified in the regulatory database report of **Section 4.2**.

2.3 Current Use of Adjacent Properties

The subject property is located within an industrial area of San Diego County. During the vicinity reconnaissance, Partner observed the land uses on adjoining properties as defined in ASTM E1527-13 and E1527-21 as any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them. The adjoining properties are tabulated below:

Immediately Surrounding Properties	
Northwest:	Vacant land at 350 and 340 Bay Boulevard and 798 F Street (Collins Aerospace (Rohr ID 5, 10, 4, and 11), followed by Lagoon Drive.
Northeast:	Bay Boulevard, followed by Interstate 5 Freeway, railroad tracks, Sweetwater Authority (744 F Street), and Cabrillo Motor Lodge (731 G Street), Vistan Apartments (494 South Oaklawn Avenue), Blue Link Station – H Street (745 H Street), and a multi-tenant commercial building (730 H Street).
Southeast:	H Street, followed by vacant land (former Rohr Inc.-South Campus at 850 Lagoon Drive).
Southwest:	Stormwater ditch, railroad tracks, electrical transmission line, followed by Collins Aerospace (former Rohr Inc.- North Campus and Parcel B) at 850 Lagoon Drive.

2.4 Physical Setting Sources

2.4.1 Topography

The 2021 United States Geological Survey (USGS) *National City, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 25 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping toward the southwest.

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

2.4.2 Hydrology

According to topographic map interpretation, groundwater in the vicinity of the subject property is inferred to flow toward the southwest.

According to 2017 groundwater sampling data at the subject property and topographic map interpretation, the depth to groundwater in the vicinity of the subject property is inferred to be approximately 20 to 35 feet below ground surface (bgs) and flows to the west (Haley & Aldrich, Inc., January 11, 2018).

The nearest surface water in the vicinity of the subject property is the San Diego Bay located approximately 0.40-miles west of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment. A stormwater ditch was located adjacent to the west of the subject property.

2.4.3 Geology/Soils

The site is located in the Peninsular Ranges geomorphic province. The Peninsular Ranges are a northwest-southwest oriented complex of blocks separated by similarly trending faults. They extend from the Transverse Ranges and the Los Angeles Basin south to the Mexican border and beyond to the tip of Baja California and are bounded on the east by the Colorado Desert and the Gulf of California. The Peninsular Ranges contain minor Jurassic and extensive Cretaceous igneous rocks associated with the Nevadan plutonism. Marine Cretaceous sedimentary rocks are well represented and post-Cretaceous rocks form a restricted veneer of volcanic, marine, and nonmarine sediments.

According to a 2017 investigation at the subject property, the subject property is underlain by artificial fill and the Bay Point and San Diego Formations. Soil at the site is a mixture of interbedded sand, silt, and clay (Haley & Aldrich, Inc., January 11, 2018).

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map (FIRM), published by the Federal Emergency Management Agency (FEMA). According to Community Panel Number 06073C1913H, dated December 20, 2019, the northern portion of the subject property appears to be located in Zone X (unshaded), defined as an area of minimal flood hazard. The southern portion of the subject property (from the central portion of APN 571-330-35-00 (795 H Street/Rohr Buildings 29)) is located in Zone X (shaded), defined as an area with 0.2% annual chance flood hazard.

A copy of the reviewed flood map is included in **Appendix B** of this report.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. Information regarding past land use was obtained by a review of historical aerial photographs, historical Fire Insurance maps, city directories, historical topographic maps, and previous reports of the subject property and surrounding area obtained from Environmental Risk Information Services (ERIS). Copies of the historical resources are included in **Appendix B**. A chronological listing of the historical data found is summarized in the table below.

Date	Scale or Address	Source	Summary
1904, 1930, 1943, 1944	1: 62,500	Topographic Map	Various improved roads and railroad lines are shown throughout the surrounding area. The subject property located north of G Street is depicted as vacant land. The subject property located south of G Street is depicted as developed with a few small structures. H Street borders the site to the south. Railroad tracks are located adjacent to the west, followed by several buildings.
1928	1"=500'	Aerial Photograph	The subject property is depicted as agriculturally developed land. Several small structures are located on the northeast corner and southern portion of the parcel located south of G Street. Surrounding properties consist of agriculturally developed land to the north, east, and south. Industrial buildings appear to be located to the west.
1949, 1953	1"=500'	Aerial Photograph	The subject property located north of G Street is depicted as agriculturally developed land. The subject property located south of G Street is developed with several structures on the central and southern (Building 28) portions of the site. Surrounding properties consist of small buildings to the northeast, followed by agriculturally developed land; vacant land and small structures to the southeast; Rohr Aircraft Corp. is located to the west-southwest; and agriculturally developed land, followed by a commercial property to the north .
1953	1:24,000	Topographic Map	The subject property located north of G Street is developed with one small structure on the northeast corner. The subject property located south of G Street is developed with several structures on the central and southern portions of the site. Several structures are depicted adjoining to the north. Bay Boulevard and Interstate 5 are located adjoining to the northeast. Rohr Aircraft Corp. structures are located to the west-southwest.

Date	Scale or Address	Source	Summary
1964, 1966, 1976	1"=500'	Aerial Photograph	The Land Parcels appear to be developed with multiple commercial structures. The subject property located north of G Street is depicted as developed with a trailer park and a parking lot. The subject property located south of G Street is developed with a large building (Building 29), a smaller building (Building 28) on the south side of the site, and several out-buildings on the northeast corner of the parcel. By 1976, the trailer park is no longer present to the north of G Street. Bay Boulevard is located adjacent to the east, followed by Interstate 5. Railroad tracks are located adjacent to the west. An increase in industrial development is visible adjacent to the subject property.
1955-1960	360 Bay Blvd. 368 Bay Blvd.	City Directories	B&H Metal Co., Hammer Benj W Mansell Marine Inc. engine exchange, Mansell Earl A
1956-1966	364 Bay Blvd.	City Directories	South Bay Vet Hospital
1956-1975	388 Bay Blvd.	City Directories	Harbor Trailer Park, Maksor Trailer Park
1956-1961	390 Bay Blvd.	City Directories	Duvall Co.
1960	364 Bay Blvd.	City Directories	Post Aircraft Co. Inc.
1961	360 Bay Blvd. 364 Bay Blvd.	City Directories	Yarie Richard J GA27905 Post Aircraft Co GA
1965	360 Bay Blvd. 368 Bay Blvd.	City Directories	A&R Used Auto Parts wreckers South Bay Marine boat sales & repair
1966-1985	360 Bay Blvd.	City Directories	A-R Used Auto Parts

Date	Scale or Address	Source	Summary
1966	362 Bay Blvd.	City Directories	Ultra Plastics
1967, 1975	1:24,000	Topographic Map	The subject property located north of G Street is developed with several small structures. The subject property located south of G Street is developed with two main structures (including Buildings 29 and 28) and several smaller out-buildings. Bay Boulevard and Interstate 5 are located adjoining to the northeast. Rohr Aircraft Corp. structures are located to the west-southwest. By 1975, an addition has been added to Building 29 on the northeast corner of the building. By 1975, addition buildings and land (from dredging) have been added at Rohr Aircraft Corp. to the west.
1971-1986	360 Bay Blvd. 368 Bay Blvd.	City Directories	A&R Used Truck Parts SD Pump & Compressor Supply
1975	360 Bay Blvd.	City Directories	Thermo King
1979-1982	368 ½ Bay Blvd.	City Directories	Durrant Marcia A, Elliott Carol
1980, 1985, 1994	1"=500'	Aerial Photograph	The Land Parcels appear to be developed with multiple commercial structures. The subject property located north of G Street is depicted as developed with two buildings (Buildings 99/100). The subject property located south of G Street is developed with a large building (Building 29), a smaller building (Building 28) on the south side of the site, and several out-buildings on the northeast corner of the parcel. By 1976, the trailer park is no longer present to the north of G Street. Surrounding properties consist of Bay Boulevard to the east, followed by Interstate 5; Railroad tracks and Rohr Aircraft Corp. structures are located to the west-southwest; a parking lot and Rohr Aircraft Corp. structures are located to the south-southwest; and commercial properties are located to the north.
1980-1986	362 Bay Blvd.	City Directories	Edwards Hugh L
1980	390 Bay Blvd.	City Directories	Lawless Detat Diesel

Date	Scale or Address	Source	Summary
1985	390 Bay Blvd.	City Directories	Valley Det Dies All
1986	368 ½ Bay Blvd.	City Directories	Jennings Dale J
1989, 1994, 1996, 2005, 2009, 2012, 2014, 2016, 2018, 2020	1"=500'	Aerial Photograph	The Land Parcels appear have been cleared leaving vacant land. Surrounding properties consist of vacant land and industrial buildings to the north; a parking lot and Aircraft Corp. structures to the south-southwest; railroad tracks, a parking lot and Rohr Aircraft Corp. structures to the west; and Bay Boulevard and Interstate 5 to the east. By 1996, the building (Building 28) to the south of Building 29 has been removed leaving a parking lot. By 2005, the buildings located adjacent to the north have been removed. By 2010, the Rohr Aircraft Corp. South Campus (south of H Street) appears to no longer be in use. The South Campus buildings were removed by 2018.
1992, 1995, 2000, 2005, 2010, 2014, 2017	360, 364, and 368 Bay Blvd.	City Directories	No Listings
1996,	1:24,000	Topographic Map	The subject property is shaded red indicating urban development. Only Building 29 is depicted on the subject property located south of G Street.
2001	350-360 Bay Blvd.	Regulatory Records	No Further Action (NFA) letter dated September 17, 2001 issued following the removal of 800 cubic yards lead contaminated soil on February 5, 2001.
2015, 2018, 2021	1:24,000	Topographic Map	Current street configuration is depicted. Bay Boulevard is depicted to the east.
2020-2023	360, 364, and 368 Bay Blvd.	Site Visit	Vacant land
2020	360, 364, and 368 Bay Blvd. and 795 H Street	Regulatory Records, Interview	Land Parcels and Parcel A acquired by PSIP Wohl Bay Boulevard, LLC

Date	Scale or Address	Source	Summary
2020-2021	390 Bay Blvd. 795 H St.	Interview	Vacant
2023	390 Bay Blvd. 795 H St.	Site Visit	Land Care Marine Group and Proactive Group Logistics

Land Parcels

According to available historical sources, the Land Parcels was undeveloped or vacant land in 1904. From 1928 to 1949, the Land Parcels were agriculturally developed land. From 1953 to at least 1985, the Land Parcels were developed with multiple small industrial structures. Businesses reportedly included aircraft parts manufacturing, refrigeration unit repair, storage, junkyards, and a veterinary hospital. According the city directories, former tenants on the subject property appeared to include B&H Metal Co., Hammer Benj W, Lyman Jos, Mansell Marine Inc. engine exchange, Mansell Earl A (1955-1960); South Bay Vet Hospital (1956-1966); Post Aircraft Co. Inc. (1960); Yarie Richard J GA27905, Post Aircraft Co GA (1961); A&R Used Auto Parts wreckers, South Bay Marine boat sales & repair (1965); Ultra Plastics (1966); A&R Used Truck Parts, SD Pump & Compressor Supply (1971-1986); Thermo King (1975); Durrant Marcia A, Elliott Carol (1979-1982); Edwards Hugh L (1980-1986); and Jennings Dale J (1986).

According to the H&A July 2022 Revised Baseline Human Health Risk Assessment, after 1953, the Land Parcels at 360, 364, and 368 Bay Boulevard were developed with mixed commercial/industrial and residential use. Businesses that occupied these parcels included aircraft parts manufacturing, refrigeration unit repair, storage, junkyards, and a veterinary hospital. 360 Bay Boulevard was formerly used for auto maintenance and repair, auto dismantling, and salvaging that included a gold ore extraction/recovery operation. By the mid-1980s, the properties were acquired by the City of Chula Vista and business operations ceased. In 1999, Rohr acquired the Land Parcels and they have remained vacant since.

Parcel A - Buildings 99/100

According to available historical sources, Parcel A currently was developed agriculturally developed land from 1928 to 1949. From 1953 to 1966, the site was developed with a trailer park and a parking lot. By 1976, the trailer park was no longer present. By 1980, Buildings 99 and 100 were constructed on the property. According the city directories, former tenants on the subject property appeared to include Duvall Co. (1956-1961)Harbor Trailer Park, Maksor Trailer Park (1956-1975); Lawless Detat Diesel (1980) and Valley Det Dies All (1985). According to the H&A July 2022 Revised Baseline Human Health Risk Assessment, Valley Detroit Diesel repaired semi-truck engines at Buildings 99 and 100 starting in 1978. In 1986, Rohr purchased Buildings 99 and 100 from Valley Detroit Diesel and used the buildings primarily for administrative purposes. Test laboratories were housed in Building 100 until 2021.

Parcel A - Building 29

According to available historical sources, Parcel A currently developed with Building 29, was agriculturally developed land in 1928. Several small structures were located on the northeast corner and southern portion of the parcel located south of G Street. By 1949, the parcel was developed with several structures on the central and southern (Building 28) portions of the site. By 1964, the parcel was developed with a large building (Building 29), a smaller building (Building 28) on the south side of the site, and several out-buildings on the northeast corner of the parcel as part of the Rohr facility. Building 28 was used as a cafeteria and a warehouse. By 1996, Building 28 had been removed and was replaced with a parking lot. According to the H&A July 2022 Revised Baseline Human Health Risk Assessment, Building 29 was constructed by Rohr in phases beginning in about 1957 to 1962. Building 29 was covered under the Rohr North Campus address of 850 Lagoon Drive. The building was used for tooling and machining and office space. The Maintenance Department for the facility was located in the northern portion of the building. The building also formerly housed laboratories, kitting, an Aftermarket Spares Warehouse, Service Center and FAI repairs, storage, tool calibration, product development, and office space. Historical uses for the parcel prior to Rohr included agriculture, a possible lumber yard, and residential.

In 2020, Rohr sold the Land Parcels and Parcel A to PSIP Wohl.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 Health Department

Regulatory Agency Data	
Name of Agency:	San Diego County Department of Environmental Health (DEH)
Point of Contact:	Mr. Edwin Andrus
Agency Address:	P.O. Box 129261, San Diego, California 92112-9261
Agency Phone Number:	(858) 505-6848
Date of Contact:	February 10, 2023
Method of Communication:	Email
Summary of Communication:	

Partner received a reply from the DEH stating they have records for the subject property address.

Land Parcels

- In the late 1980s, the environmental due diligence conducted by Rohr identified recognized environmental conditions (RECs) at the subject property and the adjacent property to the north. Regulatory cases were opened with the DEH for subject property (360 Bay Boulevard) and the adjoining properties to the north (350, 340 and 390 Bay Boulevard and 798 Lagoon Drive), commonly referred to as Rohr IDs 4, 11, 10, 5, and 8; the Bay Boulevard Parcels; or Vacant Bay Boulevard Properties. Between 1987 and 2007, soil and groundwater investigations, some soil remediation and groundwater monitoring was conducted on the parcels under the oversight of the DEH. No Further Action (NFA) Letters were issued by DEH in 2001, 2004, 2006, and 2007.
- Between 1987 and 2001, environmental investigations were conducted at the subject property (350-360 Bay Boulevard – DEH Establishment # H26520-001). The investigation covered the subject property and the adjoining property to the north located on Bay Boulevard (350, 360, and 364 Bay Boulevard). The former use of the site included an auto repair/salvage yard (with gold ore extraction) and the storage of used appliances. The investigations included soil and groundwater samples for lead, pesticides and polychlorinated biphenyls (PCBs). Lead and Total Petroleum Hydrocarbons (TPH) was identified in soil. Trichloroethene (14 micrograms per liter (µg/l in MW-2) and Chloroform (3-5 µg/l in MW-1 to MW-3) were identified in three wells onsite and the adjacent Rohr site (located adjacent to the west, southwest, south). Concentrations were detected above the recommended California State Action Level of 5 µg/l. Groundwater impacts were thought to have originated offsite. It was not clear from the documents reviewed how long groundwater continued to be monitored. Pesticides and PCBs were detected at relatively low concentrations (below concentrations requiring action).
- On January 9, 2001, a County of San Diego County DEH Voluntary Assistance Program (VAP) Application was submitted by Rohr, Inc. and received on January 9, 2001 for Establishment # H26520-001 (350-360 Bay Boulevard). The project was described as the excavation of approximately 1,500 cubic yards of shallow soil impacted by lead. The soil was reclassified as non-hazardous waste by DTSC and the City would like the lead-containing soil to the Otay Class I Landfill. Rohr, Inc. was

requesting review of the work plan and issuance of a no further action (NFA) at the conclusion of confirmation sampling.

- According to the Case Closure Summary dated September 6, 2001, the subject property was identified as a Vacant Lot (350-360 Bay Boulevard) owned by the City of Chula Vista. Previous site uses included agricultural farming, auto wreaking, and auto repair. Lead contaminated soil was encountered during an investigation. Approximately 800 cubic yards of lead contaminated soil were excavated to a depth of 2 feet and disposed offsite to the Otay Class I Landfill. Confirmation soil samples were collected from the perimeter and the floor of the footprint of the excavation at statistically random locations. The consultant concluded that the mean total lead concentration in-situ soils at the site was 54 milligram per kilogram (mg/kg) and the upper 95% confidence interval was 71 mg/kg, both lower than the residential (PRG) of 400 mg/kg. The consultant concluded that this soil contamination did not present a human health risk at the subject property. The proposed future use of the site was listed as light industrial with paved areas and building on concrete slabs.
- On September 17, 2001, DEH issued a No Further Action (NFA) letter to the City of Chula Vista following the removal of 800 cubic yards lead contaminated soil on February 5, 2001. A copy of the NFA letter is provided in Appendix B.
- In 2016 and 2017, an application and boring completion report were submitted on behalf of Rohr, Inc. for the advancement of six borings at the Vacant Bay Boulevard Properties (Bay Boulevard) to collect soil and groundwater samples.

Parcel A – 390 Bay Boulevard and Building 29

Monitoring well permit applications and technical reports were available from 1986 to 2020. Most recently, on September 28, 2020, DEH approved a Monitoring Well Destruction Permit for Haley & Aldrich to destroy three monitoring wells and two transducers at 390 Bay Boulevard. According to the January 2021 Haley & Aldrich Well Destruction Report, the Wells DB-2 and DB-5 and the pressure transducers OW-1 and OW-2 were destroyed on October 19 and October 20, 2020. Well DB-5 was destroyed on November 16 and 17, 2020.

No records were identified under addresses 388 Bay Boulevard and 795 H Street (Building 29).

4.1.2 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	San Diego County Air Pollution Control District (APCD)
Point of Contact:	Ms. Cynthia Gould
Agency Address:	10124 Old Grove Road, San Diego, California 92131
Agency Phone Number:	(858) 586-2600
Date of Contact:	February 10, 2023
Method of Communication:	Email
Summary of Communication:	As of the date of this report, Partner has not received a response from the APCD for inclusion in this report.

4.1.3 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	Regional Water Quality Control Board (RWQCB)
Agency Website:	http://geotracker.waterboards.ca.gov/
Agency Address:	2375 Northside Drive, Suite 100, San Diego, California 92108
Agency Phone Number:	(619) 516-1990
Date of Contact:	February 10, 2023
Method of Communication:	Online
Summary of Communication:	

The subject property was identified on the GeoTracker database as part of ongoing investigations associated with Rohr, Inc. and the Cleanup and Abatement Order (CAO) No. R9-2021-0042. The Rohr facility has been divided into three parts: Parcels A, B, and C. Buildings 29, 99, and 100 were investigated as part of Case Number T10000011095 Goodrich Aerostructures – North Campus – Eastern Parcel A at 850 Lagoon Drive. The Land Parcels at 360, 364, and 368 Bay Boulevard were formerly investigated as Parcel C (Case Number T0608199629). Upon the sale of Parcel A and the Land Parcels to PSIP Wohl, the Land Parcels (APNs 567-022-28, 567-022-31, and 567-022-33) were added to Parcel A and included in the H&A July 2022 Revised Baseline Human Health Risk Assessment.

Partner reviewed available documents on the GeoTracker online database. Previous investigations conducted between 1986 and 2022 at the subject property have included soil, soil vapor, and groundwater sampling. Historical environmental features on Parcel A have been investigated for their specific chemicals of potential concern (COPCs) in soil, soil vapor, indoor air, and groundwater as well as indoor air screening (Building 29). The most recent information was largely provided in the April 2021 Revised Conceptual Site Model (CSM), the July 8, 2022 Revised Baseline Human Health Risk Assessment (HHRA) and the December 20, 2022 Demolition and Environmental Management Plan (DEMP) prepared for the North Campus Parcel A, Chula Vista, CA (Site ID #2092900) by Haley & Aldrich. Haley & Aldrich is the primary consultant for Rohr. A summary of pertinent information is summarized below:

- **Formerly Thermo King (Case Number T0608199629) – 340 Bay Blvd.**

In May 1992, TorStan Inc. completed a Lead, Pesticide, and Polychlorinated Biphenyl Soil Sampling Report for 350-360 Bay Boulevard. TorStan Inc. concluded that there was soluble lead contamination above the CCR STLC throughout the top six inches of soil at 350-360 Bay Boulevard. See Section 4.1.1.

- **Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) – 850 Lagoon Drive**

On October 5, 2021, Raytheon Technologies Corporation on behalf of Rohr, Inc. (Rohr) provided the RWQCB written notification per the Cleanup and Abatement Order (CAO) No. R9-2021-0042 that Rohr Inc. had sold the portion of Parcel A occupied by Buildings 29, 99 and 100 and 360, 364 and 358 Bay Boulevard to PSIP Wohl Bay Boulevard, LLC, a Delaware limited liability company on September 25 and 28, 2020.

The April 2021 Revised Conceptual Site Model (CSM) report prepared by Haley & Aldrich indicated that historical environmental features that could be potential sources of chemicals beneath Parcel A included aboveground storage tanks (ASTs), underground storage tanks (USTs), paint booths, and vapor degreasers. This equipment has been removed. Figures 2, 3, and 4 in the CSM depicts the former operational features,

including buildings, ASTs, USTs, underground vessels, vaults, paint booths, degreasers, hydraulic equipment, and maintenance and storage areas located at the subject property.

According to the Revised CSM, the environmental investigations were conducted to evaluate chemical impacts to soil, soil gas, and groundwater as well as indoor air screening (Building 29). The results of the site investigations identified the following chemicals of potential concern (COPCs) in soil within the Project footprint: VOCs, Total Petroleum Hydrocarbons (TPH), semi-volatile organic compounds (SVOCs), PCBs and the organochlorine pesticide, DDT. Metals concentrations within the Project footprint fall within background ranges. Trichloroethene (TCE) and tetrachloroethene (PCE) were the primary VOCs detected in soil in Project footprint and vicinity. The maximum concentrations of TCE and PCE were reported in boring B29-23 (37,800 µg/kg) and B29-28 (1,260 µg/kg), respectively. The maximum PCB (Aroclor 1260) concentration reported for soil in the Project footprint was 1,300 µg/kg in boring B29-05 (sample ID B29-05-2). This sample was also reported to contain low concentrations of TPH (in the oil carbon range [C32-C44]; 185 mg/kg), certain SVOCs (maximum concentration was for fluoranthene, 0.21 mg/kg) and DDT (0.021 mg/kg). The maximum VOC soil gas concentrations reported within the vicinity of the Project footprint were: Chloroform: 39,000 µg/m3; PCE: 11,000 µg/m3; and TCE: 3,000,000 µg/m3.

On July 8, 2022, Haley & Aldrich, on behalf of Rohr, Inc., prepared an update to the Revised Baseline Human Health Risk Assessment (HHRA) for North Campus Parcel A, Chula Vista, CA (Site ID #2092900) and dated July 8, 2022. The HHRA stated that Rohr was in the process of selling portions of its facility that occupied approximately 82 acres. The Site had been divided into three parts: Parcels A (the subject property), B (adjoining property to the west), and C (adjoining property to the northwest). In September 2020, Rohr sold Parcel A that includes Buildings 29, 99, and 100 (assessor parcel number [APN] 567-022-30 and the eastern portion of APN 571-330-29) to PSIP Wohl. Wohl had also purchased the vacant parcels (Also referred to as the Land Parcels) at 360, 364, and 368 Bay Boulevard (APNs 567-022-28, 567-022-31, and 567-022-33). These parcels, formerly included in Parcel C, were now also included in the Update to the Revised HHRA. With these added parcels, Parcel A occupied approximately 14.7 acres.

The HHRA stated that Wohl intended to raze the northern portion of Building 29 to build a loading dock and may raze Buildings 99 and 100 to redevelop this parcel and the adjoining vacant properties to the north for surface parking. The Update to the Revised HHRA considered two scenarios, one with Buildings 99 and 100 remaining in place and the other assuming these buildings have been demolished. In addition, buildings may be constructed in the future at undetermined locations on that portion of Parcel A.

Previous investigations conducted between 1986 and 2022 at the subject property have included soil, soil vapor, and groundwater sampling. Historical environmental features on Parcel A have been investigated for their specific chemicals of potential concern (COPCs) in soil, soil vapor, indoor air, and shallow groundwater. Historical chemical sources are coincident with former Site areas associated with long-term chemical usage. VOC releases have migrated through the soil to groundwater, resulting in a groundwater plume that extends westward below Parcel B (adjoining parcel to the west). Soil vapor has the potential to migrate through the building slab and into indoor air. Potential receptors to soil and soil vapor include an onsite commercial/industrial worker, a landscaper/utility worker, and a construction worker.

A comprehensive summary of previous investigations is provided in HHRA and covers:

- 1986-1996 Fuel underground storage tanks (USTs) closures at Buildings 99 and 100
- 1987-2001 350-360 Bay Boulevard Site Assessments related to the lead soil, PCBs, and VOCs
- 1998 Adrian Brown Phase I of the Rohr facility
- 1998 and 1999 San Diego Formation Aquifer Testing
- 1999 Blanchard Grinder UST closure at Building 29
- 2013 Supplemental Remedial Investigation by URS
- 2016 Haley & Aldrich Phase I and IIs at Buildings 29, 99, and 100 and the Vacant Bay Boulevard Properties
- 2018 Sub-Slab and Focused Soil Vapor Survey at Buildings 29, 99, and 100
- 2018-2019 Indoor air screening in Building 29
- 2020 Haley & Aldrich Data Gap Assessment to further characterize the nature and extent of VOCs in soil and groundwater and conduct some step-out sampling in areas where arsenic and PCBs had been detected above screening levels during the Phase II
- 2020 GSI Environmental, Inc. Phase I Screening Investigation on Parcel A
- 2020 Partner Engineering and Science, Inc. Phase I for 350-368 Bay Boulevard
- 2022 Haley & Aldrich Data Gap Assessment

Based on the results of the HHRA, Haley & Aldrich concluded:

Buildings 99/100 - No remediation or mitigation was necessary to protect the on-site receptors. Based on these results, Haley & Aldrich requested that the RWQCB provide concurrence that no further action was warranted and Rohr had met the requirements of the CAO for this exposure area (that includes 360, 364 and 368 Bay Boulevard).

Building 29 – No remediation or mitigation was necessary to protect the on-site landscaper.

Based on sub-slab soil vapor data for the on-site commercial/industrial worker, the cumulative ILCR was greater than the acceptable cumulative incremental lifetime cancer risks (ILCR) threshold of 1 x 10-5 and the total hazard index (HI) was greater than the acceptable total HI of 1 for the on-site commercial/industrial worker. Bromodichloromethane, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene (PCE), and trichloroethene (TCE) were driving the risk. Heath-based remediation goal (HBRGs) were derived for these chemicals of potential concern (COPCs) in soil vapor to reduce estimated health risks for the on-site commercial/industrial worker from exposure to inhalation of indoor air for Building 29. The soil vapor HBRGs for bromodichloromethane, chloroform, cis-1,2-DCE, PCE, and TCE were 70, 80, 100, 370, and 350 micrograms per cubic meter (µg/m3). Haley & Aldrich stated that the Owner would be installing a sub-slab depressurization system (SSDS) beneath Building 29 as a vapor intrusion mitigation measure and implementing an Risk Management Plan (RMP).

For the on-site construction worker, the cumulative ILCR was less than the acceptable cumulative ILCR threshold of 1 x 10-5 and the lead exposure point concentration (EPC) was less that the commercial/ industrial California Department of Toxic Substances Control Screening Level (DTSC-SL) of 500 milligrams per kilogram (mg/kg). However, the total HI was greater than the acceptable total HI of 1. Remediation or mitigation was therefore warranted to protect the on-site construction worker. TCE was driving the risk. A HBRG was derived for TCE in soil to reduce estimated human health risks for the on-site construction worker

during excavation to construct the new loading dock on the north end of Building 29. The HBRG for TCE in this area is 1.5 mg/kg.

On December 20, 2022, Haley & Aldrich prepared a Demolition and Soil Environmental Management Plan (DEMP) for former Rohr, Inc. North Campus Parcel A on behalf of the property owner, PSIP Wohl Bay Boulevard, LLC, and Rohr. The DEMP will be implemented during the demolition of the northern 24,000 square feet of Building 29 where soil containing TCE will be excavated and disposed at a permitted facility. It was anticipated that the DEMP would be implemented in 2023.

The DEMP provides guidelines and procedures that the contractor shall follow for managing concrete, asphalt pavement, and soil generated during the Project. It also describes procedures for addressing new environmental conditions (NECs) that may be identified following demolition and impacted soil management during construction.

The DEMP indicated:

- PSIP Wohl had made improvements to the building that included installing a new heating, ventilation, and air conditioning system and sealing and polishing the concrete floor. PSIP Wohl was required through the Purchase and Sale Agreement with Rohr to install a sub-slab depressurization system (SSDS) to address volatile organic compounds (VOCs) in soil gas that are present beneath the slab in Building 29. A separate Work Plan will be submitted that will describe the design, installation, and monitoring of the SSDS to address soil gas beneath the building slab. The SSDS will be installed during building renovation and prior to a tenant occupying the building.
- A Risk Management Plan (RMP) would be prepared and implemented to address potential future vapor intrusion risk to building occupants. The RMP will include:
- 1) An SSDS post-installation monitoring and performance plan to evaluate the effectiveness of the SSDS in mitigating potential vapor intrusion. Indoor air sampling which is a requirement of the CAO would be included. The plan would be implemented before a tenant occupies the building. 2) Restrictions on changes to the existing building slab; 3) A Contingency Plan; 4) A schedule for performing post-installation sub-slab and indoor air sampling and preparing SSDS performance monitoring reports, and a Post-Mitigation Completion Report; and 5) The preparation and filing of a deed restriction containing restrictions on use and occupancy of Parcel A (the Grant Deed in favor of PSIP Wohl recorded in September 2020 contains such restrictions and satisfies such deed restriction requirement).

The DEMP indicated that in addition to the above documents, others will be prepared for Parcel A specific to Cleanup and Abatement Order No. R9-2021-0042 (CAO). These included: 1) Site Soil Cleanup Levels Report (Directive C.4.a), and 2) Site Soil and Soil Gas Remedial Alternatives Report (Directive C.4.b)/Remedial Action Plan (RAP) (Directive C.5.a).

4.1.4 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	Department of Toxic Substances Control (DTSC)
Agency Websites:	http://www.EnviroStor.dtsc.ca.gov/public/and http://hwts.dtsc.ca.gov/index.cfm
Agency Address:	5796 Corporate Avenue, Cypress, California 90630-4732
Agency Phone Number:	(714) 484-5336; (714) 484-5337
Date of Contact:	February 10, 2023
Method of Communication:	Online
Summary of Communication:	

The subject property was identified in the online DTSC EnviroStor System database as City of Chula Vista (37000027) at 350-360 Bay Boulevard and is discussed in **Section 4.2.2**.

According to a review of available DTSC Hazardous Waste Tracking System records, the following records were found for the subject property addresses:

ID Number	Facility Name/Address	Status	Inactive Date	Waste
CAC001435332	City of Chula Vista - Comm Dev Dept/388-390 Bay Boulevard	Inactive	10/25/2000	No hazardous wastes were listed.
CAX000243493	Valley Detroit Diesel/390 Bay Boulevard	Inactive	4/30/1986	No hazardous wastes were listed.
CAD982037871	IX City of Chula Vista/350-368 Bay Boulevard	Inactive	4/15/1994	In 1994, an annual ID Number verification was completed. No hazardous wastes were listed.
CAL000462061	PSIP WOHL BAY BOULEVARD, LLC/795 H Street	Active	-	The facility was listed as a generator of the following hazardous waste in 2021: "asbestos-containing waste (18.4 tons)."

4.1.5 Building Department

Regulatory Agency Data	
Name of Agency:	City of Chula Vista Development Services
Point of Contact:	https://www.chulavistaca.gov/departments/development-services/building
Agency Address:	276 Fourth Avenue, Chula Vista, California 91910
Agency Phone Number:	(619) 691-5101
Date of Contact:	February 10, 2023
Method of Communication:	Online and On File
Summary of Communication:	As of the date of this report, Partner has not received a response from the CVDS for inclusion in this report.

4.1.6 Planning Department

Regulatory Agency Data	
Name of Agency:	City of Chula Vista Planning Department
Point of Contact:	https://www.chulavistaca.gov/departments/development-services/zoning-information
Agency Address:	276 Fourth Avenue, Chula Vista, California 91910
Agency Phone Number:	(619) 691-5101
Date of Contact:	February 10, 2023
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is zoned Local Coastal Program Specific Plan Area for industrial development by the City of Chula Vista.

4.1.7 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Geologic Energy Management Division (CalGEM)
Agency Website:	http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx
Agency Address:	801 K Street, MS 24-01, Sacramento, California 95814
Agency Phone Number:	(916) 322-1080
Date of Contact:	February 10, 2023
Method of Communication:	Online
Summary of Communication:	According to CalGEM, no oil or gas wells are located on or adjacent to the subject property.

4.1.8 Assessor's Office

Regulatory Agency Data	
Name of Agency:	San Diego Geographic Information Source (SanGIS)
Agency Website:	http://www.sangis.org/
Agency Address:	5510 Overland Avenue, Suite 230, San Diego, California 92123
Agency Phone Number:	(858) 874-7000
Date of Contact:	February 10, 2023
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is identified by Assessor's Parcel Numbers (APNs) 567-022-31-00 (360 Bay Boulevard/Rohr Property ID 8), 567-022-33-00 (364 Bay Boulevard/ Rohr Property ID 9), 567-022-28-00 (368 Bay Boulevard/ Rohr Property ID 6), 567-022-30-00 (390 Bay Boulevard/ Rohr Buildings 99/100), and 571-330-35-00 (795 H Street/Rohr Building 29)

Copies of pertinent documents are included in **Appendix B** of this report.

4.2 Mapped Database Records Search

The regulatory database report provided by Environmental Risk Information Services (ERIS) documents the listing of sites identified on federal, state, county, city, and tribal (when applicable) standard source environmental databases within the approximate minimum search distance (AMSD) specified by ASTM E1527-13 and E1527-21. The data from these sources are updated as these data are released and integrated into one database. The information contained in this report was compiled from publicly available sources.

The environmental database information is used to identify environmental concerns in connection with the subject property. The listings also serve to identify the known indications of the storage, use, generation, disposal, or release of hazardous substance at the subject property and the potential for contaminants to migrate onto the subject property from off-site sources in groundwater or soil in the form of liquids or vapor.

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

4.2.1 Regulatory Database Summary

The following table lists the number of sites as categorized by the regulatory database within the prescribed AMSD. The locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Report Data

Database	Search Radius (mile)	Subject Property	Adjacent Properties	Sites of Concern
Federal NPL	1.00	N	N	N
Delisted NPL Site	0.50	N	N	N
Federal SEMS Site	0.50			
Federal SEMS-ARCHIVE	0.50			
Federal RCRA CORRACTS Facility	0.50	N	N	N
Federal RCRA TSDF Facility	Subject and Adjoining	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG, NonGen/NLR)	1.00	**Y**	**Y**	N
Federal IC/EC Registries	Subject Property	N	N	N
Federal ERNS Site	Subject Property	N	--	--
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	**Y**	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site (LUST/LPST)	0.50	N	**Y**	N
State/Tribal Registered Storage Tank Sites (UST/AST)	Subject and Adjoining	**Y**	**Y**	N
State/Tribal IC/EC Registries	Subject and Adjoining			
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	**Y**	**Y**	N
State/Tribal Spills	0.125	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N

Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Additional Databases- HAZNET, HWTS, San Diego HMMD, EnviroStor	Varies	**Y**		

4.2.2 Subject Property Listings

The subject property is identified in the regulatory database report, as discussed below:

- **Rohr Inc., Lawless, Valley Detroit Diesel**, (ERIS Map ID: 1) at 390 Bay Boulevard, is listed in the HAZ San Diego, CHMIRS, HHSS, HAZNET, HIST Manifest, and HIST Tank databases. As discussed in **Section 4.1.3**, this facility which includes the subject property, is being investigated under the oversight of the RWQCB. The investigation is ongoing.
- **Rohr, Inc., North Campus – Parcel A, BF Goodrich, UTC Aerostructures**, (ERIS Map ID: 7, 12, 18, 21) at 850 Lagoon Drive and foot of H Street, is located adjacent to the west, south, and southwest and hydrologically cross- to down-gradient of the subject property. This site was identified in the CDO/CAO, Calsites, CERCLIS, CERCLIS NFRAP, Emissions, EnviroStor, Cleanup Site, HHSS, HIST Tank, AST, CERS Tank, HAZ San Diego, HAZ TSD, UST, LUST, PCB and RCRA databases. As discussed in Section 4.1.3, this facility which includes the subject property, is being investigated under the oversight of the RWQCB. The investigation is ongoing. According to the GeoTracker database, the regulatory status is listed as *Open-Site Assessment as of November 17, 2017*. Industrial activities and historical chemical use on Parcel A were more limited compared to the main manufacturing portions of the facility located on Parcel B and the former South Campus located to the west and southwest. Building 29 was primarily used for tooling, machining, and office space. At one time, the northernmost portion of the building served as the maintenance department. Rohr purchased Buildings 99 and 100 in 1986 and primarily used them for administrative purposes. Prior to Rohr's ownership, Parcel A had other uses. It is reported that Parcel A buildings were previously equipped with USTs containing gasoline, diesel and waste oil, two wastewater clarifiers, ASTs, a paint spray booth, solvent degreasers, and other equipment. Soil, soil vapor and groundwater investigations are ongoing at Parcel A. According to a April 2021 Revised Conceptual Site Model (CSM) report prepared by Haley & Aldrich for Parcel A, VOC releases have migrated through the soil to groundwater, resulting in a groundwater plume that extends westward below Parcel B (adjoining to the west).
- **City of Chula Vista – Comm Dev Dept** (ERIS Map ID: 1) at 388-390 Bay Boulevard, is listed in the HAZNET databases. The facility is listed in the HAZNET database for generating state-regulated waste including oil/water separation sludge that was manifested for off-site disposal in 1985 and 1987.

- **IX City of Chula Vista** (ERIS Map ID: 2, 6) at 350-368 Bay Boulevard, is listed in the HAZNET, HIST Manifest, and EnviroStor databases. The facility is listed in the HAZNET database for generating state-regulated wastes including contaminated soil from site clean-up (1987), paint sludge (1991), and tank bottom waste (1992) that were manifested for off-site disposal. According to the EnviroStor database, the Cleanup status is listed as referred to Local Agency. A SB 1248 Notification was completed on January 31, 2001. A copy of the County of San Diego County DEH Voluntary Assistance Program (VAP) Application submitted by Rohr, Inc. was received on January 9, 2001 for Establishment # H26520-001 (350-360 Bay Boulevard). As discussed in **Section 4.1.1**, the project was described as the excavation of approximately 1,500 cubic yards of shallow soil impacted by lead. The soil was reclassified as non-hazardous waste by DTSC and the City would like the lead-containing soil to the Otay Class I Landfill. Rohr, Inc. was requesting review of the work plan and issuance of a no further action (NFA) at the conclusion of confirmation sampling. DEH provided a copy of the NFA letter (Appendix B).
- **Bay Blvd. Projects** (ERIS Map ID: 3, Unplottable Summary) at 0 Bay Boulevard, is listed in the Cleanup Sites and SAM San Diego databases. As discussed in **Section 4.1.1**, this listing is associated with DEH Case No. H26520-001 (350-360 Bay Boulevard). The status of the case is listed as Completed - Case Closed as of September 17, 2001.
- **Thermo King of San Diego, Formerly Thermo King** (ERIS Map ID: 8) at 340 Bay Boulevard, is located adjacent to the north and hydrologically cross-gradient of the subject property. Partner has included this listing here since this property was previously included in the Rohr investigation of the property collectively known as the Land Parcels or Bay Boulevard parcels. This site was identified in the CERCLIS, CERCLIS NFRAP, SAM San Diego, Cleanup Sites, HAZ San Diego, HAZNET, HIST Manifest, and SEMS Archive databases. According the DEH SAM database, a release affecting the groundwater was discovered at the facility in 1991. The facility status is listed as Closed Case as of June 5, 2007. As discussed in **Sections 4.1.1** and **4.1.3**, this property was previously part of the Rohr investigation under the oversight of the RWQCB. The investigation is ongoing.

As discussed in **Sections 4.0** and **5.2.6**, the subject property and adjacent properties to the northwest, west, and southwest are part of an ongoing soil and groundwater investigation under the oversight of the RWQCB that is identified as a REC.

4.2.3 Adjoining Property Listings

The following adjoining properties are identified in the regulatory database report, as discussed below:

- **IX Jackson's Import Auto Parts** (ERIS Map ID: 6) at 350 Bay Boulevard, is located adjacent to the north and hydrologically cross-gradient of the subject property. The facility is listed in the HAZNET and HAZ San Diego databases. The facility is listed in the HAZNET database for generating state-regulated waste including unspecified organic liquid mixture (1987) that was manifested for off-site disposal. The HAZ San Diego database indicated the facility was active between 1987 and 2001.

- **Rohr Inc., South Campus** (ERIS Map ID: 18), at the south of H Street, is located adjoining to the southwest and hydrologically down-gradient of the subject property. The South Campus was formerly developed with multiple buildings operated by Rohr Inc. dating back to 1941, where manufacturing of engine components for use in the aviation and aerospace industry was performed (similar to the subject property). Chemicals stored at the South Campus Property and used during manufacturing operations have been found in the soil, soil gas, and groundwater as reported in site environmental investigation reports and groundwater monitoring reports. The group of chemicals discharged include, but are not limited to, VOCs, metals, petroleum hydrocarbons, PAHs, and PCBs. In 1998, the SDRWQCB issued CAO No. 98-08 to Rohr, Inc. that requires the cleanup and abatement of wastes discharged from Rohr's manufacturing operations located at 850 Lagoon Drive (North Campus Property and South Campus Property). On July 13, 1999, the City of Chula Vista, the Redevelopment Agency of the City of Chula Vista, the Port of San Diego, and Rohr entered into a Relocation Agreement. Thirty-eight acres of Rohr-owned property were transferred to the Port of San Diego and a 28-acre lease of Port tidelands was terminated as part of this Relocation Agreement for the entire South Campus site. In 2002, Rohr vacated the South Campus Property and consolidated manufacturing operations to the North Campus Property (subject property). In 2007, the Port of San Diego demolished all buildings at the South Campus. In 2014, the SDRWQCB issued CAO No. R9-2014-0019, which requires the cleanup or abatement of all wastes discharged to soil, soil gas, and groundwater from the manufacturing operations at the South Campus Property. CAO No. R9-2014-0019 supersedes CAO No. 98-08. Implementation of the soil Remedial Action Plan (RAP) is currently underway and has not yet received final regulatory closure. Groundwater monitoring and remedial efforts are ongoing.
- **PFAs GW** (ERIS Map ID: 17, 35, 37) located south of H Street, is located to the southwest and hydrologically down-gradient of the subject property. According to the ERIS Database, PFAS were detected in well data from groundwater monitoring wells mapped on the Rohr South Campus in 2022. Currently, there are no legally enforceable federal or State of California criteria for PFAS. In October 2019, the DoD issued a memorandum identifying risk-based screening levels calculated using the USEPA Regional Screening Level (RSL) calculator for PFOA, PFOS, and PFBS in groundwater and soil.

As discussed in **Sections 4.0** and **5.2.6**, the adjacent properties to the northwest, west, and south are part of an ongoing soil and groundwater investigation under the oversight of the RWQCB that is identified as a REC.

4.2.4 Sites of Concern Listings

No sites of concern are identified in the regulatory database report.

4.2.5 Unplottable Listings

The subject property was identified as the Bay Blvd. Projects at 0 Bay Blvd. (DEH Establishment # H26520-001 (350-360 Bay Boulevard) as a SAM San Diego site in the regulatory database report, as previously discussed in **Sections 4.1.1** and **4.2.2**.

No other unplottable listings of concern are identified in the regulatory database report.
A copy of the regulatory database report is included in **Appendix C** of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

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

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

Pursuant to ASTM E1527-13 and E1527-21, Partner requested the following site information from PSIP Wohl Bay Boulevard, LLC (User of this report).

User Responsibilities		
Item	**Provided By User**	**Not Provided By User**
AAI User Questionnaire		**X**
Title Records, Environmental Liens, and AULs		**X**
Specialized Knowledge	**X**	
Actual Knowledge	**X**	
Valuation Reduction for Environmental Issues		**X**
Identification of Key Site Manager	**X**	
Reason for Performing Phase I ESA	**X**	
Prior Environmental Reports	**X**	
Other		**X**

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property, since 2020, was identified as PSIP Wohl Bay Boulevard, LLC (PSIP Wohl). Partner interviewed Mr. Emil Wohl during the site reconnaissance. Mr. Wohl indicated that the subject property was previously owned Rohr, Inc. from 1999 to 2020.

Since acquisition in 2020, Mr. Wohl indicated that the subject property buildings were vacant until November 2021. Renovations including the removal of 50,000 square feet of mezzanine and replacement of the roof were completed at 795 H Street (Building 29). Upcoming work in 2023 includes demolition of the northern 24,000 square feet of Building 29 to construct a new loading dock. Once the building is demolished, remedial activities required by the CAO will be implemented including removal of VOC impacted soil and installation of a sub-slab depressurization system (SSDS). Mr. Wohl referred Partner to GeoTracker for additional environmental information.

5.1.2 Interview with Report User

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

5.1.3 Interview with Key Site Manager

See **Section 5.1.1**.

5.1.4 Interviews with Past Owners, Operators and Occupants

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

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

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

5.2.2 Specialized Knowledge

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

5.2.3 Actual Knowledge of the User

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

5.2.4 Valuation Reduction for Environmental Issues

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

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment. Provided previous environmental reports are discussed below in **Section 5.2.6**.

5.2.6 Previous Reports and Other Provided Documentation

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

Land Parcels

ASTM Phase I Environmental Site Assessment, Rohr IDs 4, 5, 6, 8, 9, 10, and 11, Chula Vista, California, Haley & Aldrich, Inc. (July 21, 2016)

Phase II Environmental Site Assessment, Rohr IDs 4, 11, 10, 5, 8, 9 and 6, Vacant Bay Boulevard Properties, Chula Vista, California, GeoTracker ID No. T10000011095, Haley & Aldrich, Inc. (December 8, 2016)

Phase II Environmental Site Assessment, Vacant Bay Boulevard Properties, 300 Block, Bay Boulevard, Chula Vista, California, *GeoTracker ID No. T10000011095*, Haley & Aldrich, Inc. (January 11, 2018)

Work Plan for Additional Investigation, Rohr – Eastern Parcel, Vacant Properties, Chula Vista, California, GeoTracker ID No. T10000011095, Haley & Aldrich, Inc. (December 26, 2018)

Phase I Environmental Site Assessment, Bay Boulevard- Parcel A, 350, 360, 364, and 368 Bay Boulevard, Chula Vista, CA 91910, Partner Engineering and Science, Inc. (December 28, 2020)

From the late 1980s to 2020, numerous environmental assessments have been performed and are currently ongoing at the subject property and the three adjacent properties to the north, collectively known as the Bay Boulevard parcels. The subject property is identified in these investigations by the following site addresses and Rohr Inc. ID numbers: 350 Bay Boulevard (Rohr Property ID 5); 360 Bay Boulevard (Rohr Property ID 8); 364 Bay Boulevard (Rohr Property ID 9); and 368 Bay Boulevard (Rohr Property ID 6); and the adjoining property to the north 350 Bay Boulevard (Rohr Property ID 5).

In July 2016, Haley and Aldrich, Inc. prepared a Phase I ESA for the subject property and adjacent properties to the north for Rohr Inc. (Rohr), the property owner. Rohr was proposing to sell the Bay Boulevard parcels. The subject property was vacant land at the time of the assessment.

Haley and Aldrich, Inc. reported that in the late 1980s, Rohr considered purchasing the Bay Boulevard parcels for development of its corporate headquarters. As a result of environmental due diligence, recognized environmental conditions (RECs) were identified. In the late 1980s and 1990s, assessments of soil and groundwater conditions were conducted and four regulatory cases were opened for Rohr IDs 4, 11, 10, 5 and 8 through the Voluntary Assistance Program (VAP) with the San Diego County Department of Environmental Health (DEH). Some degree of remediation of soil and groundwater monitoring were conducted on the parcels. In 2006 and 2007, the DEH provided no further action (NFA) letters (three) for the open cases located adjacent to the north of the subject property, contingent on continued commercial/industrial property use. A fourth NFA letter was believed to have been issued for Rohr IDs 5 and 8 (the subject property at 350-360 Bay Boulevard/ DEH Case #H26520-001), but was not obtained by Haley and Aldrich, Inc. Partner obtained a copy of the NFA (see Appendix B). Haley and Aldrich, Inc.

identified the following RECs, associated with lead, pesticides, and Polychlorinated Biphenyls (PCBs), in connection with the subject property and adjacent properties:

Onsite RECs

- Lead in Soil (Rohr IDs 5 and 8 -350-360 Bay Boulevard): In 2001, approximately 1,500 cubic yards of surface soil containing lead was excavated and used as foundation material for the cap at the Otay Class I Landfill. Regulatory oversight was conducted under the DEH VAP. An NFA letter was issued to the City of Chula Vista, but it was not posted on the GeoTracker website nor was it noted in the ERIS Database Report. The subject property cleanup level for lead at that time was the residential California Human Health Screening Level (CHHSL) of 150 milligrams per kilogram (mg/kg); the current residential CHHSL for lead is 80 mg/kg.
- PCBs in Soil (All Rohr IDs): PCBs were detected by URS Corporation (URS) in the drainage swale along the western boundary of the subject property (URS 2015). The source of the PCBs is not known. PCBs were also present in soil on the Rohr IDs 5 and 8 parcels at concentrations up to 7.4 mg/kg. It was unclear whether PCB-containing soil on these parcels had been characterized and removed. Later investigations did not detect PCBs above residential screening levels.
- Agricultural Property Use (All Rohr IDs): The subject property had a history of agricultural use for cultivating citrus and row crops prior to the 1950s. There was the potential that pesticides, both inorganic (containing metals) and organic may have been used to control pests.

In December 2016, Haley & Aldrich, Inc. prepared a Phase II investigation for the subject property to investigate the RECs identified in the June 2016 ESA.

The soil analytical results were compared to the U.S. EPA Region 9 Regional Screening Levels (RSLs) and, for lead, the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO). Arsenic concentrations were compared to DTSC established background concentrations for Southern California of 12 milligrams per kilogram (mg/kg). Results indicated:

Soil - 350 Bay Boulevard (Rohr Property ID 5) (adjoining property)

- p/m-xylene was detected in soil samples BB-14-01 and BB-15-01 at concentrations of 0.82 J and 0.45 J micrograms per kilogram (µg/kg), respectively. Methylene chloride was detected in sample BB-15-01 at a concentration of 1.9 J µg/kg and acetone was detected in BB-14-01 at a concentration of 15 J µg/kg. These concentrations were below their respective residential RSLs.
- Arsenic concentrations were within the accepted range for background concentrations in Southern California. Concentrations of the other metals were below their respective residential RSLs.
- PCBs were detected in the shallow soil samples from each of the borings on Rohr ID 5. Aroclor 1260 was detected in samples BB-14-01 and BB-16-01 at concentrations of 110 and 33 J µg/kg, respectively. Aroclor 1254 was detected in samples BB-14-01 and BB-15-01 at concentrations of 160 and 94 µg/kg, respectively. These detected concentrations were below the respective residential RSLs for these PCB congeners.

- The concentrations of the polynuclear aromatic hydrocarbons (PAHs) detected were below their r espective residential RSLs.
- One soil sample, BB-15-01, was analyzed for organochlorine pesticides (OCPs). The sample contained 4,4'-DDT at a concentration of 2.7 J µg/kg, which was below its residential RSL.
- Total Petroleum Hydrocarbons (TPH) were detected in samples BB-14-01, BB-15-01, BB-15-03, and BB-16-01. TPH concentrations detected were generally in the C29 carbon range and greater. The TPH in the surface sample collected from boring BB-15 included hydrocarbons in the C9- C12 and C19 - C22 carbon ranges. Total TPH concentrations detected in soil samples form Rohr ID 5 ranged from 3.3 J to 140 mg/kg.

Groundwater - 350 Bay Boulevard (Rohr Property ID 5) (adjoining property)

No groundwater samples.

Soil - 360 Bay Boulevard (Rohr Property ID 8)

- No volatile organic compounds (VOCs) were detected in the six soil samples from the three borings drilled on Rohr ID 8.
- Arsenic concentrations were within the accepted range for background concentrations in Southern California. Concentrations of the other metals were below their respective residential RSLs.
- Aroclor 1254 was detected in soil sample BB-17-01 at a concentration of 120 µg/kg. This concentration is below the residential RSL. PCBs were not detected in the other samples from this assessment area.
- None of the PAHs detected were present at a concentration above its respective residential RSL.
- OCPs were detected in each of the soil samples that were analyzed for OCPs on Rohr ID 8. Sample BB-17-01 contained 4,4'-DDT at concentrations of 4.8 J µg/kg and sample BB-19-01 contained chlordane, 4,4'-DDE, and 4,4'-DDT at concentrations of 33 J, 2.4 J, and 4.1 J µg/kg, respectively. These concentrations were below the respective residential RSLs for these compounds.
- TPH were detected in each of the six soil samples analyzed from Rohr ID 8. The total TPH concentrations ranged from 39 to 190 mg/kg. The hydrocarbons detected were in the C25-C44 carbon range.

Groundwater - 360 Bay Boulevard (Rohr Property ID 8)

- The following VOCs were detected in groundwater from boring BB-17: acetone (5.1 J micrograms per liter (µg/l)), bromomethane (0.88 J µg/l), chloroform (1.5 J µg/l), and chloromethane (0.24 J µg/l). These concentrations were below their respective MCLs and ESL vapor-intrusion screening levels for these compounds.
- The concentration of arsenic detected in BB-17-GW (0.0149 mg/l) was slightly above the MCL of 0.010 mg/l. Concentrations of the other metals in groundwater were below their respective MCLs.

Soil - 364 Bay Boulevard (Rohr Property ID 9)

- P-Isopropyltoluene was detected in three of the six shallow soil samples from Rohr ID 9 at concentrations ranging from 0.73 J µg/kg and 29 µg/kg. 2-Butanone and acetone were detected in sample BB-21-01 at concentrations of 22 J and 76 J µg/kg, respectively. No other VOCs were detected in soil samples from Rohr ID 9. The concentrations of 2-butanone and acetone were below their respective residential RSLs. There were no RSLs established for P-Isopropyltoluene.
- Thallium (0.156 J to 0.929 mg/kg) was detected above the residential RSL, but below the commercial/industrial RSL. Arsenic concentrations were within the accepted range for background concentrations in Southern California. Concentrations of the other metals were below their respective RSLs.
- One of the soil samples on Rohr ID 9 contained PCBs. Aroclor 1260 was detected in sample BB-21-01 at a concentration of 33 J µg/kg. This concentration was below the residential RSL of 240 µg/kg.
- Each of the detected PAH compounds were below their respective residential RSLs.
- One soil sample from Rohr ID 9 was analyzed for OCPs. Soil sample BB-21-01 contained 7.4 µg/kg of 4,4'-DDE and 30 J µg/kg of chlordane. These concentrations were below their respective residential RSLs.
- TPH, in the carbon range of C25-C44, were detected in four of the six soil samples from Rohr ID 9. Total TPH concentrations in these samples ranged from 11 to 47 mg/kg.

Groundwater - 364 Bay Boulevard (Rohr Property ID 9)

No groundwater samples.

Soil - 368 Bay Boulevard (Rohr Property ID 6)

- No VOCs were detected in soil samples from Rohr ID 6.
- Arsenic concentrations were within the accepted range for background concentrations in Southern California. Concentrations of the other metals were below their respective residential RSLs.
- No PCBs were detected in the soil samples analyzed from Rohr ID 6.
- None of the PAHs detected was present above its respective residential RSL.
- OCPs were detected in both samples analyzed on Rohr ID 6. Sample BB-24-01 contained 4,4'-DDE and 4,4'-DDT at concentrations of 15 and 16 µg/kg, respectively. Sample BB-23-01 contained 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT at concentrations of 9.9, 1,000, and 230 µg/kg, respectively. These concentrations were below their respective residential RSLs.
- TPH were detected in one of two borings on Rohr ID 6. Two samples from boring BB-24 at 1 and 3 feet bgs contained total TPH concentrations of 150 and 44 mg/kg, respectively. The TPH present in sample BB-24-01 were within the C28-C44 carbon range. The TPH present in sample BB-24-03 were within the C19-C44 carbon range.

Groundwater - 368 Bay Boulevard (Rohr Property ID 6)

- Chloroform was detected in the groundwater sample from boring BB-23 at a concentration of 0.34 J µg/l, which is below the MCL of 80 µg/l and the ESLs. No other VOCs were detected in groundwater analyzed from boring BB-23.
- The arsenic concentration (0.0112 mg/l) was slightly above the MCL of 0.010 mg/l.

The site investigation is now part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. On April 9, 2018, Haley & Aldrich and Rohr met with the RWQCB to discuss the results of the 2016 Phase II investigation and additional scope of work. The scope of work included a soil vapor survey; however, Haley & Aldrich indicated that it was eliminated from the scope since Rohr will require that any buildings constructed on the subject property by a buyer include a vapor barrier as part of the property transaction. On December 26, 2018, Haley and Aldrich, Inc. submitted a Work Plan for Additional Investigation to the RWQCB. The proposed sample locations were located on the parcels adjacent to the north of the subject property.

In December 2020, Partner completed an ESA for the vacant parcels considered part of the subject property. The assessment was performed on a larger parcel of land that included the adjoining property to the north known as 350 Bay Boulevard (Rohr Property ID 5). The subject property consisted of four parcels of vacant land covered with low-lying vegetation. The four parcels were owned by Rohr, Inc. since 1999.

The following REC was identified:

- The subject property and adjacent properties are part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. Onsite soil and groundwater sampling indicted that:

  Thallium was detected in soil at 364 Bay Boulevard (Rohr Property ID 9) above the residential RSL, but below the commercial/industrial RSL.

  Arsenic was detected in groundwater was slightly above the MCL of 0.010 mg/l at 360 and 368 Bay Boulevard (Rohr Property IDs 8 and 6).

The investigation was ongoing and considered a REC and additional sampling was proposed for the adjacent parcels to the northwest.

Parcel A

Phase I Environmental Site Assessment, Rohr Parcel A, North Campus, Buildings 29, 99, and 100, 850 Lagoon Drive and 390 Bay Boulevard, Chula Vista, California, GSI Environmental Inc. (GSI) (August 27, 2020)

Limited Phase II Screening Site Investigation, Rohr, Inc., a Collins Aerospace Company, Parcel A, North Campus, 850 Lagoon Drive and 390 Bay Blvd., Chula Vista, California, GSI Environmental Inc. (GSI) (September 11, 2023)

In August 2020, GSI Environmental Inc. (GSI) prepared a Phase I ESA for the subject property. According to the 2020 GSI report:

- Parcel A consisted of two parcels bifurcated by G Street and totaling 11.82-acres. The site was part of the Rohr aircraft parts manufacturing facility that had been in operation since 1941. The area north of G Street (390 Bay Boulevard; APN No. 567-022-30-00) was developed with Buildings 99 and 100. The area south of G Street (eastern portion of APN No. 571-330-29-00) was developed with Building 29. The Building 29 parcel utilized the address of 850 Lagoon Drive which was the Rohr Facility address.
- Historical uses of the parcels are described below:
  - The parcel occupied by Buildings 99 and 100 was formerly used for agricultural development, trailer park, a hardware store, possible residences, and Lawless and Valley Detroit Diesel (repair of semi-trucks). The builds were constructed in 1980 and Rohr purchased the property in 1986 and conducted non-manufacturing activities on the parcel. Building 99 had been vacant since approximately 2018. This building was previously used for human resources, training, gym, medical services, and a print shop. Building 100 was utilized for R&D. Prior to Rohr's purchase of the property, the building was utilized for servicing trucks and three service bays and a sump were in the building.
  - The parcel occupied by Building 29 was formerly used for agricultural development and possible residences. A previous 2016 ESA report by Haley & Aldrich indicated that a lumber yard may have existed at the parcel. The City Directory list obtained by GSI identified Bay Surplus Boxes at 426 Bay Boulevard. The parcel was initially developed with former Building 28, a warehouse, from 1945 until it was demolished in the early 2000s. Building 29 was constructed in four phases between 1957 and 1962. Building 29 previously housed the Maintenance Department (northern third of the building to approximately Door 29-20), tooling with a machine shop, and offices. Fromm 2013 to 2020, onsite operations consisted of primarily manufacturing related. By 2020, operations in the central portion of Building 29 were being shut down and the building was being used to store after-market equipment.
  - Several historical features were identified at the subject property in previous environmental documents including underground storage tanks (USTs), underground vessels, ASTs, clarifiers, paint booths, sumps, and degreasers. By 2020, GSI observed a 500-gallon wastewater AST observed at the site. The other features had reportedly been removed or were inactive. GSI referenced a list of historical features included in Table 1 of Haley & Aldrich's Conceptual Site Model (CSM) attached Appendix C of the GSI report.

Site investigation activities at the subject property began by 1986. Prior to 1998, the primary regulatory oversight agency was San Diego County Department of Environmental Health (DEH). In 1998, regulatory oversight agency was transferred to the Regional Water Quality Control Board (RWQCB) and a Corrective Action Order (CAO) was issued. Since that time numerous investigations have been conducted under the CAO and primary findings indicated that volatile organic compound (VOC) impacts to groundwater, soil vapor, and indoor air and limited arsenic-affected soil. The most recent investigations have been conducted

by Haley & Aldrich. No off-site properties were identified to have impacted environmental conditions at the site.

GSI identified the following RECs associated with the subject property:

Arsenic in soil at Building 29 - Arsenic was detected at concentrations above background at three locations (B29-02, B29-03, and B29-07) on the Building 29 parcel. Step-out borings were advanced at these locations (Haley & Aldrich, 2020b). Two of the step-out borings around boring B29-03 (B29-03A and -03B) and two around B29-07 (B29-07A and -07B) contained arsenic above the background level of 8 milligrams per kilogram (mg/kg) established for South Campus, but were below its groundwater protection level (GPL). The arsenic concentration exceeded its GPL in one soil sample (B29-07A). GSI concluded that the arsenic results, in combination with other soil data collected around the northern portion of Building 29, indicated that the distribution of arsenic above screening levels was not constrained.

Limited polychlorinated biphenyls (PCBs) in soil at Building 29 - PCBs were detected at concentrations above the commercial/industrial screening level (SL) at one location (B29-05) in Building 29. PCBs were detected in the step-out borings around B29-05; however, concentrations were below commercial industrial SLs. Based on the information reviewed, GSI concluded that PCB impacts appeared to be discrete and limited in extent.

VOCs in soil, groundwater, soil vapor, and indoor air – VOCs, primarily trichloroethene (TCE), are present beneath the site in soil, soil gas, and groundwater. Analytical results from B29-23 and B29-24 suggested that there are sources of TCE in soil beneath the former Maintenance Department of Building 29. TCE is present in Zone A and Upper Zone B groundwater beneath the Former Maintenance Department at concentrations that exceed the maximum contaminant level (MCL). TCE was detected in soil vapor samples across the site at concentrations up to 3,000,000 micrograms per cubic meter (µg/m3) (Haley & Aldrich, 2020b). Haley & Aldrich concluded that this data suggested that there may be residual sources in soil beneath the building. TCE was measured in indoor air in Building 29; concentrations were below response action levels for workers, but additional screening and engineering controls were recommended by Haley & Aldrich.

Mills and Lathes - VOCs were detected in soil samples from 7 of the 12 borings advanced at and near the former mills and lathes. Tetrachloroethene (PCE) and TCE were reported in soil samples from some borings. Although none of the detected concentrations were present above the commercial/industrial SLs or GPLs, the presence of volatile constituents in soil could suggest these constituents exist in soil vapor at concentrations exceeding vapor intrusion environmental screening levels (VI-ESLs).

Metals in groundwater - Dissolved metals (antimony, arsenic, and thallium) concentrations exceeded MCLs at some on-site groundwater sampling locations. Although groundwater at the site was not utilized as a drinking water source, there was no information in the publicly available regulatory record that beneficial uses of groundwater, at and in the vicinity of the site, were re-designated to exclude use of groundwater for potable purposes.

No CRECs or HRECs were identified.

Six monitoring well covers were observed near the northeast corner of Building 99 during the Site reconnaissance. These wells appear to be related to a 1998/1999 investigation. Reportedly, the six wells and two borings were installed in this area during that investigation. GSI concluded that these wells/borings should be properly abandoned if not in use. Four wells have been properly abandoned and two remain in use.

GSI concluded that several RECs have been identified including known impacts to soil, groundwater, and soil vapor. TCE was detected in indoor air; however limited indoor air sampling has been conducted. Based on the presence of VOCs in the subsurface and previous detections of VOCs in indoor air, GSI recommended that a supplemental soil vapor assessment be conducted.

In September 2020, GSI prepared a Limited Phase II Screening Site Investigation Report for Wohl to assess the potential concentration and distribution of volatile organic compounds (VOCs) at the subject property. This investigation was conducted at 17 locations within Building 29, 99, and 100. Soil samples were collected from 10 locations at approximately 5.5 feet bgs. and soil vapor samples were collected from 16 locations between approximately 3 and 5 feet below ground surface (bgs).

Based on the findings, GSI stated:

The current data are generally consistent with the data collected by Haley & Aldrich in 2018 both in terms of magnitude and chemicals of concern (i.e., PCE and TCE). The soil vapor results indicated PCE was detected at concentrations ranging from 4.7 to 5,800 micrograms per cubic meter (µg/m3); and TCE was detected at concentrations ranging from 5.9 to 2,900,000 micrograms per cubic meter (µg/m3).

Analytical results for the soil samples indicated that PCE was detected in PW-12 at a concentration of 4.7 micrograms per kilogram (µg/kg) at 1.5 feet bgs, and TCE was detected in PW-07 at a concentration of 23 µg/kg at 1.5 feet bgs. PCE and TCE were not detected above laboratory reporting limits (RLs) in other samples. PCBs (Aroclor-1260) were only detected in PW-11, at a concentration of 180 µg/kg. PCBs in other samples analyzed were not detected above RLs. No analytes were detected in soil samples at concentrations exceeding commercial screening levels or (for arsenic) background soil concentrations.

GSI concluded:

Building 29

The GSI data was generally consistent with the data collected by H&A in 2018 both in terms of magnitude and chemicals of concern (i.e., PCE and TCE). The detected concentrations of TCE did not indicate an increase in risk to building occupants when compared to H&A's risk estimates. The analytical results for recent soil samples from Building 29 did not indicate a need for additional assessment.

Buildings 99 and 100

The soil vapor data collected within Buildings 99 and 100 did not indicate a need for additional assessment or vapor mitigation. The soil data collected within Buildings 99 and 100 did not indicate a need for additional assessment.

See **Section 4.1.3** for discussion of management of RECs identified by GSI.

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

6.0 SITE RECONNAISSANCE

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

Site Assessment Data	
Site Assessment Performed By:	Heather Hodgetts
Site Assessment Conducted On:	February 16, 2023

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

Site Visit Personnel for Subject Property			
Name	**Title/Role**	**Contact Number**	**Site Walk***
Emil Wohl	Property Owner	Not Provided	Yes

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

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in trash dumpsters located on the north side of the Buildings 99/100 (390 Bay Boulevard). Republic Services, an independent solid waste disposal contractor, removes solid waste from the subject property. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

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

6.1.3 Surface Water Drainage

Stormwater is removed from the subject property primarily by sheet flow action across the paved surfaces towards stormwater drains located in the public right of way.

6.1.4 Source of Heating and Cooling

Electricity and natural gas are provided to the site vicinity by Southern California Edison (SCE) and the Southern California Gas Company.

6.1.5 Wells and Cisterns

Two groundwater monitoring wells were observed to the northwest of Buildings 99/100 (390 Bay Boulevard). The wells are associated with the ongoing investigations.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the municipal sanitary sewer system.

6.1.7 Septic Systems

No septic systems were observed on the subject property during the Partner site reconnaissance.

6.1.8 Additional Site Observations

No additional general site characteristics were observed on the subject property during the Partner site reconnaissance.

6.2 Potential Environmental Hazards

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

At the time of the site visit, small quantities of hazardous materials including retail-size cleaning products, a portable diesel generator with a diesel AST (southeast side of Building 29/795 H Street), landscape equipment battery charging stations, and other general maintenance products were observed at the subject property. Hazardous materials observed at the subject property appeared to be stored properly with no evidence of spills or leaks. Based on the good housekeeping practices observed, and lack of stains or spills, the hazardous materials are not expected to represent an environmental concern. Partner did not observe indications of hazardous waste generation or storage onsite during the site reconnaissance.

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

No evidence of current ASTs or USTs on the subject property was observed during the site reconnaissance other that the small diesel AST associated with the portable generator.

6.2.3 Evidence of Releases

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

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – "*Non-PCB;*" 2) 50 ppm-500 ppm – "*PCB-Contaminated;*" and, 3) Greater than 500 ppm – "*PCB-Containing.*" The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after July 2, 1979.

Several transformers were observed on the subject property. The transformers were not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. SDG&E maintains ownership and operational responsibility for the transformers. Based on the good condition of the equipment, the transformer is not expected to represent an environmental concern.

6.2.5 Strong, Pungent or Noxious Odors

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

6.2.6 Pools of Liquid

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

6.2.7 Drains, Sumps and Clarifiers

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

6.2.8 Pits, Ponds and Lagoons

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

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

A former crane interior pit located on the north side of Building 29 was filled with rainwater at the time of the site visit. The area had been fenced off. According to Mr. Wohl, the pit was approximately 18 inches deep and was filled with rainwater due to the roof leaks. This area is in the planned demolition area. The water will be removed and disposed of prior to upcoming demolition activities.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building that have not been appropriately tested are "presumed asbestos-containing material" (PACM).

Based on the age of the subject property buildings, there is a potential that ACM is present.

6.3.2 Lead-Based Paint (LBP)

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

Based on the age of the subject property buildings, there is a potential that LBP is present.

6.3.3 Radon

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

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

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

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 3. Based upon the radon zone classification, radon is not considered to be an environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Sweetwater Authority (SA) serves the subject property vicinity. According to the SA and the 2021 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

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

Partner observed accessible, interior areas for the subject property buildings for significant evidence of mold growth with the exceptions detailed in **Section 1.5** of this report; however, this ESA should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

Indications of water damage from apparent roof leaks were observed during Partner's visual assessment.

6.3.6 Wetlands

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Fish and Wildlife Service. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property.

6.4 Adjoining Property Reconnaissance

The adjoining property reconnaissance consisted of observing the adjoining properties from the subject property premises. No items of environmental concern were visually identified on the adjoining properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

7.0 VAPOR ENCROACHMENT CONDITIONS

Partner conducted a limited non-intrusive vapor screening on the subject property to identify, to the extent feasible, the potential for vapor encroachment conditions (VECs) in connection with the subject property. This included consideration of chemicals of concern (COC) that may migrate as vapors into the subsurface of the subject property as a result of contaminated soil and groundwater on or near the property.

This screening utilized readily available data sources previously discussed in this Phase I ESA that includes:

- the physical setting of the subject property (**Section 2.4**),
- standard historical sources for the subject property, adjoining, and surrounding area (**Section 3.0**),
- known or potentially contaminated sites as identified from information from regulatory agencies and sites on Federal, State, tribal and local databases (**Section 4.0**), and
- information from the site reconnaissance (**Section 6.0**) of the subject property and observations of the surrounding properties.

The results of our data collection, reconnaissance, and analysis are tabulated below:

Potential for Vapor Encroachment to Impact the Subject Property	
Area of Concern	**Likely or Known VEC to Subject Property**
Subject Property Existing Operations or Conditions	None identified that impact the subject property.
Historical Uses of the Subject Property	As discussed in **Sections 4.1.3** and **5.2.6**, a known VEC was identified at Parcel A Building 29 (795 H Street).
Adjoining Property Operations or Existing Conditions	None identified that impact the subject property.
Historical Uses of Adjoining Properties or Nearby Properties	None identified that impact the subject property.
Regulatory Review of sites identified on Federal, State, tribal and Local Environmental Databases which were located in the AMSD	None identified that impact the subject property.

As discussed in **Section 4.1.3** and **5.2.6**, recent 2021 soil vapor data collected within Buildings 99 and 100 did not indicate a need for additional assessment or vapor mitigation. According to the HHRA, VOCs in soil vapor beneath Building 29 will be managed by installing a sub-slab depressurization system (SSDS) and implementing a Risk Management Plan (RMP). Additional soil vapor investigation is not warranted at this time.

8.0 FINDINGS AND CONCLUSIONS

Recognized Environmental Condition

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

- The subject property and adjacent properties are part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. Onsite soil and groundwater sampling indicted that:

  Land Parcels

  - Thallium was detected in soil at 364 Bay Boulevard (Rohr Property ID 9) above the residential RSL, but below the commercial/industrial RSL. Based on proposed commercial use further investigation is not warranted at this time.
  - Arsenic was detected in groundwater was slightly above the MCL of 0.010 mg/l at 360 and 368 Bay Boulevard (Rohr Property IDs 8 and 6). Groundwater in this area is not used for potable purposes, Further evaluation of arsenic in groundwater is not warranted at this time.

  Parcel A

  - The results of the site investigations identified the following COPCs in soil including VOCs, TPH, SVOCs, PCBs and the organochlorine pesticide, DDT. Of the VOCs, TCE and PCE were the primary VOCs detected in soil. The maximum VOC soil gas concentrations reported within the vicinity of the Project footprint were: Chloroform: 39,000 µg/m3; PCE: 11,000 µg/m3; and TCE: 3,000,000 µg/m3.

  In order to manage the RECs on Parcel A

  - Impacted soil at the northern end of Building 29 will be excavated and disposed offsite.
  - PSIP Wohl will install a SSDS to address VOCs in soil gas that are present beneath the slab in Building 29 and a RMP will be prepared and implemented to address potential future vapor intrusion risk to building occupants.

Controlled Recognized Environmental Condition

A *controlled recognized environmental condition (CREC)* refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment:

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

Historical Recognized Environmental Condition

A *historical recognized environmental condition (HREC)* refers to a previous release of hazardous substances or petroleum products affecting the that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). The following was identified during the course of this assessment: Partner did not identify any HRECs during the course of this assessment.

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

Business Environmental Risk

A *Business Environmental Risks (BER)* is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.
- According to the ERIS Database, PFAS were detected in well data from groundwater monitoring wells mapped on the Rohr South Campus in 2022. There is no current data for the subject property. Currently, there are no legally enforceable federal or State of California criteria for PFAS. In October 2019, the DoD issued a memorandum identifying risk-based screening levels calculated using the USEPA Regional Screening Level (RSL) calculator for PFOA, PFOS, and PFBS in groundwater and soil.

Significant Data Gaps

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

Conclusions and Recommendations

Partner has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and E1527-21 of 795 H Street and 360, 364, 368 and 390 Bay Boulevard, Chula Vista, CA 91910, Chula Vista, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in **Section 1.5** of this report.

This assessment has revealed evidence of RECs and BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

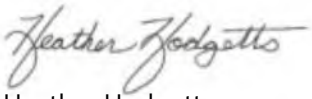
- Continue to abide by the requirements of Cleanup and Abatement Order No. R9-2021-0042 (CAO) as directed by RWQCB for the former Rohr facility.
- Manage onsite activities with the existing Demolition and Environmental Management Plan (DEMP).
- Manage future vapor intrusion risk to building occupants with pending Risk Management Plan (RMP).

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I ESA of the property located at 795 H Street and 360, 364, 368 and 390 Bay Boulevard in Chula Vista, San Diego County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

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

Prepared By:



Heather Hodgetts
Environmental Professional

Reviewed By:

Debbie Stott, P.G.
Technical Director

10.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13 and E1527-21.

Environmental Risk Information Services (ERIS), Database Report, February 2023

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the Internet, February 2023

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, February 2023

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the Internet, February 2023

United States Fish and Wildlife Service, National Wetlands Inventory, Wetlands Mapper, accessed via the Internet, February 2023

United States Geological Survey Topographic Map, 7.5 minute series, accessed via the Internet, February 2023

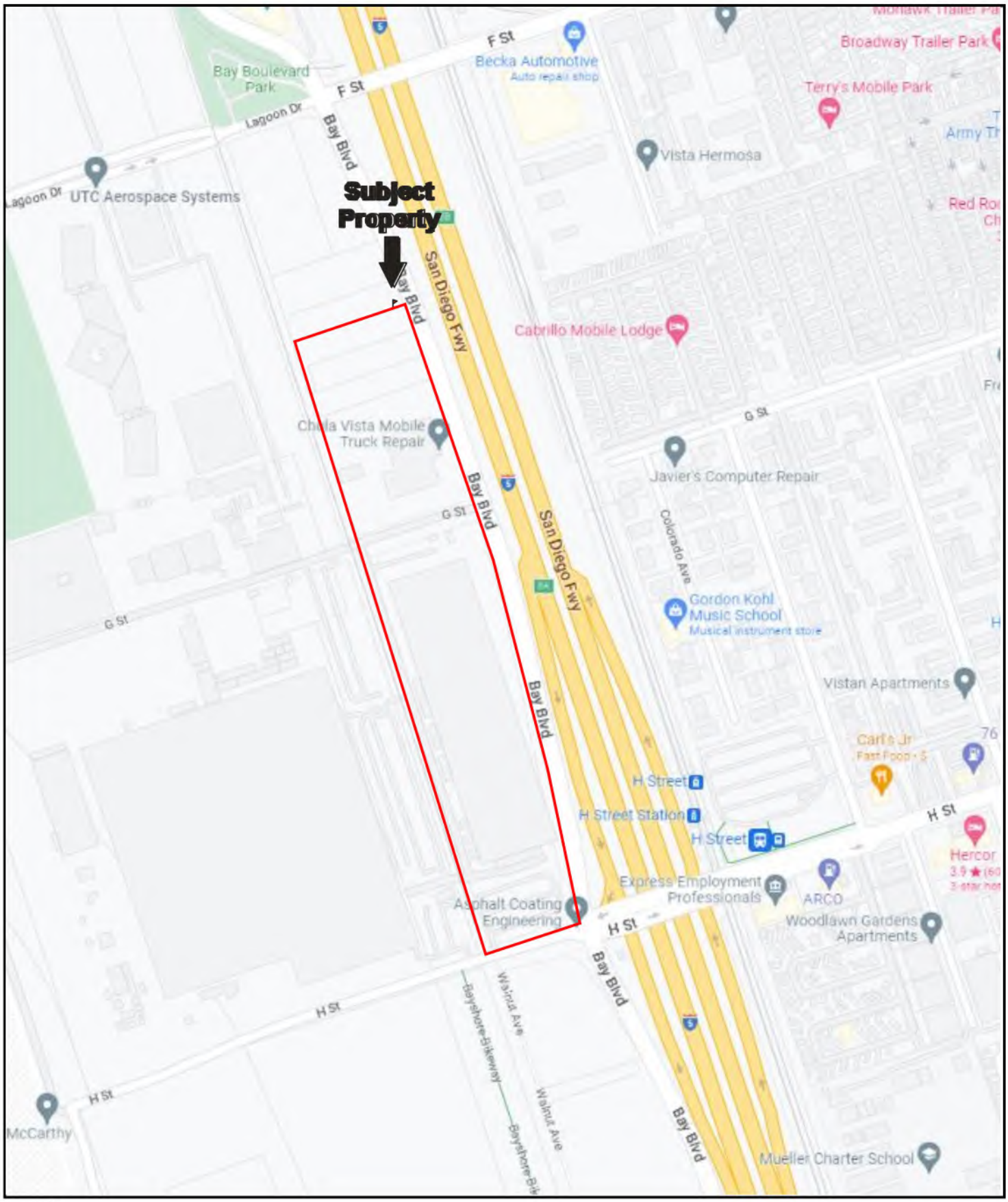
FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER



N

Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP-CHULA VISTA CA

Project No. 23-399112.1

PARTNER

FIGURE 2: SITE PLAN-CHULA VISTA CA

Project No. 23-399112.1

PARTNER

N

USGS 7.5 Minute *National City and Imperial Beach, California* Quadrangles
Created: 2021

KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP-CHULA VISTA CA
Project No. 23-399112.1

PARTNER

APPENDIX A: SITE PHOTOGRAPHS

PARTNER

1. 795 H Street/Building 29 from the southeast corner of the parcel, view facing north.

2. 795 H Street/Building 29 from the southeast corner of the parcel, view facing northwest.

3. 795 H Street/Building 29 from the southeast corner of the parcel, view facing west.

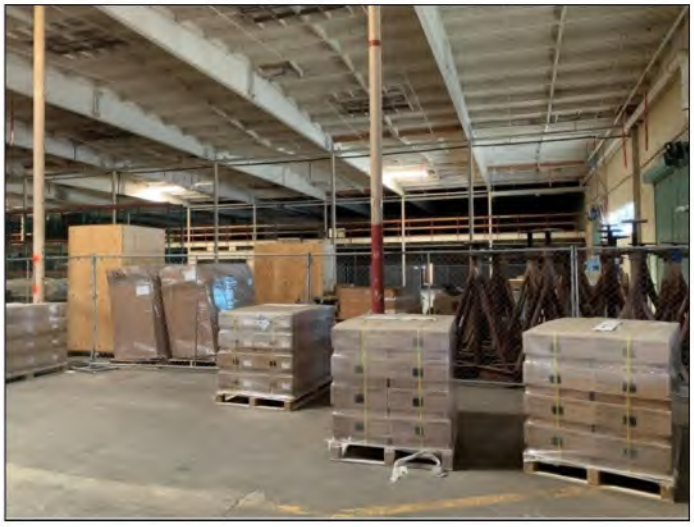
4. Adjoining properties to the west, view facing northwest.

5. Adjoining properties to the west, view facing north.

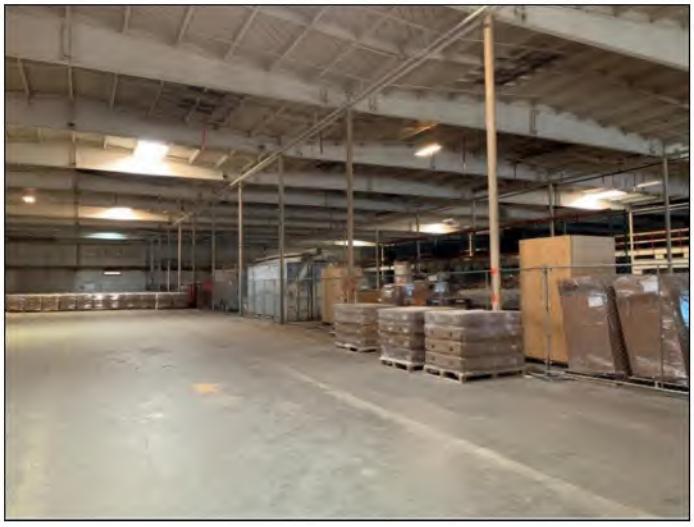
6. West side of 795 H Street/Building 29, view facing north.

7. South side of 795 H Street/Building 29, view facing northeast.

8. Portable generator on the southwest side of 795 H Street/Building 29, view facing north.

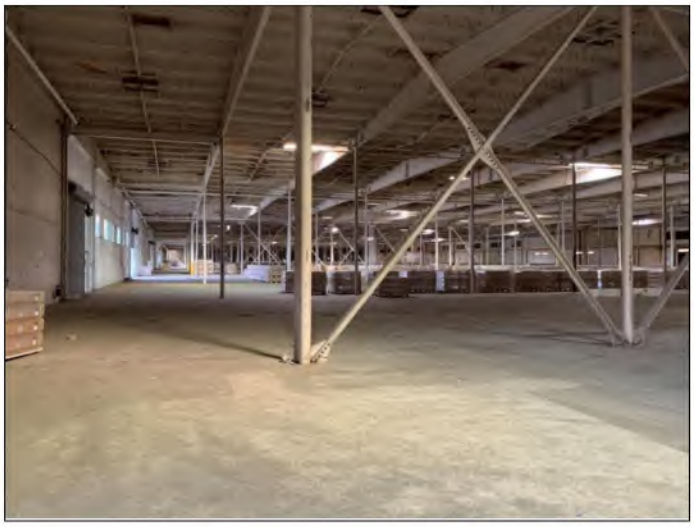


9. Interior of 795 H Street/Building 29 from the south side of the building, view facing south.



10. Interior of 795 H Street/Building 29 from the south side of the building, view facing southeast.

11. Interior of 795 H Street/Building 29 from the south side of the building, view facing east.



12. Interior of 795 H Street/Building 29 from the south side of the building, view facing north.

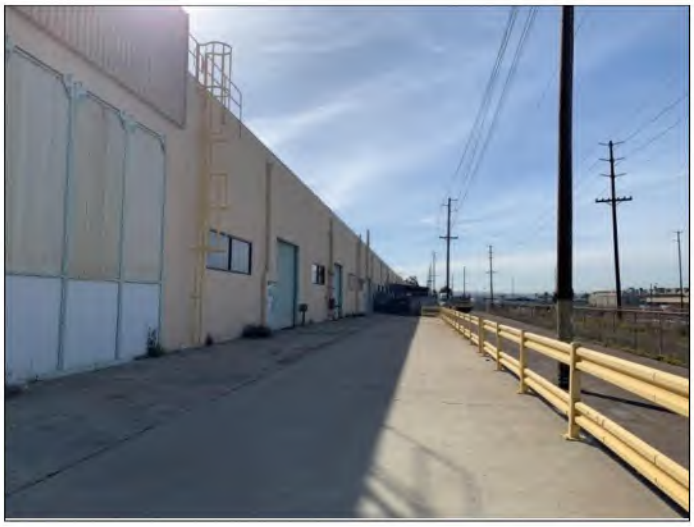
13. Interior of 795 H Street/Building 29 from the central portion of the building, view facing

14. Interior of 795 H Street/Building 29 from the north side of the building, view facing north.

15. Crane pit on the north side of the interior of 795 H Street/Building 29, view facing west.

16. North side of 795 H Street/Building 29, view facing east.

17. Northeast side of 795 H Street/Building 29, view facing southeast.



18. West side of 795 H Street/Building 29, view facing south.

19. Adjoining properties to the west, view facing west.

20. Adjoining properties to the west, view facing southwest.

21. Adjoining properties to the west, view facing northwest.

22. Lab buildings on the north side of 795 H Street/Building 29, view facing northeast.

23. View of G Street, View facing north.

24. View of G Street, View facing northeast.

25. 390 Bay Boulevard/Buildings 99 & 100 from the southwest corner of the parcel, view facing north.

26. 390 Bay Boulevard/Buildings 99 & 100 from the southwest corner of the parcel, view facing northeast.

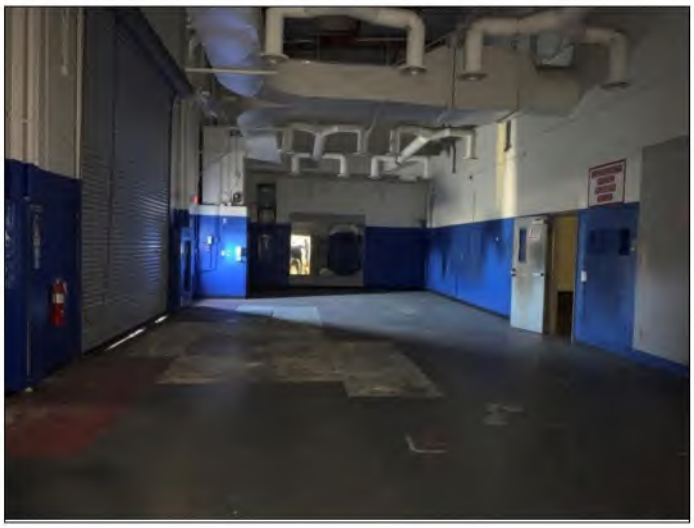
27. 390 Bay Boulevard/Building 100, view facing northwest.

28. 390 Bay Boulevard/Building 99, view facing northwest.

29. North side of Building 99 (390 Bay Boulevard), view facing west.

30. North side of Building 99 (390 Bay Boulevard), view facing northwest.

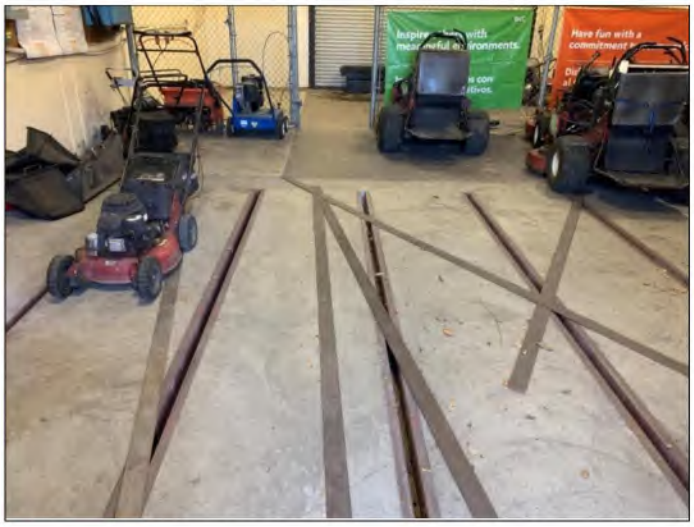
31. Interior of Building 99 (390 Bay Boulevard), view facing east.



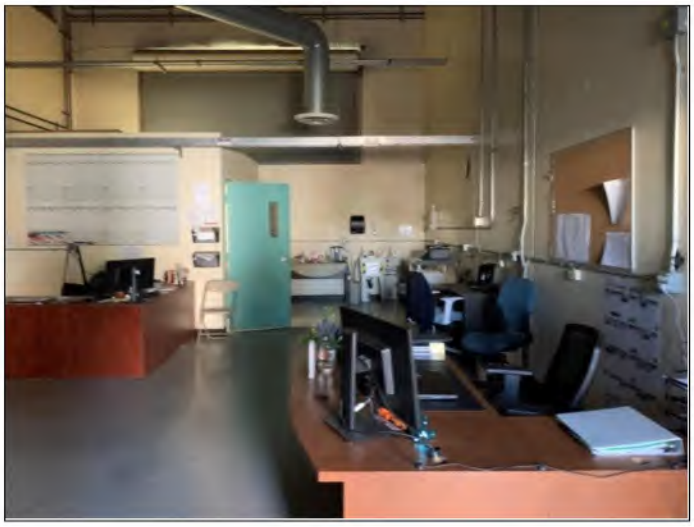
32. Interior of Building 99 (390 Bay Boulevard), view facing north.

33. Wells on the north side of Building 99 (390 Bay Boulevard), view facing northeast.

34. 390 Bay Boulevard/Building 100, view facing southwest.



35. Interior east bay of 390 Bay Boulevard/Building 100, view facing south.



36. Interior central bay of 390 Bay Boulevard/Building 100, view facing south.

37. Interior west bay of 390 Bay Boulevard/Building 100, view facing northwest.

38. Interior west bay of 390 Bay Boulevard/Building 100, view facing west.

39. 390 Bay Boulevard/Buildings 99 & 100 from the central portion of the site, view facing north.

40. 390 Bay Boulevard/Buildings 99 & 100 from the central portion of the site, view facing northeast.

41. 390 Bay Boulevard/Buildings 99 & 100 from the central portion of the site, view facing east.

42. 390 Bay Boulevard/Buildings 99 & 100 from the central portion of the site, view facing southeast.

43. View of the Land Parcels from the southeast corners of the parcels, view facing west.

44. View of the Land Parcels from the southeast corners of the parcels, view facing northwest.

45. View of the Land Parcels from the northeast corners of the parcels, view facing southwest.

46. View of the Land Parcels from the northeast corners of the parcels, view facing west.

47. Adjoining properties to the north, view facing northwest.

48. Adjoining properties to the north, view facing north.

49. H Street and the adjoining properties to the south, view facing south.

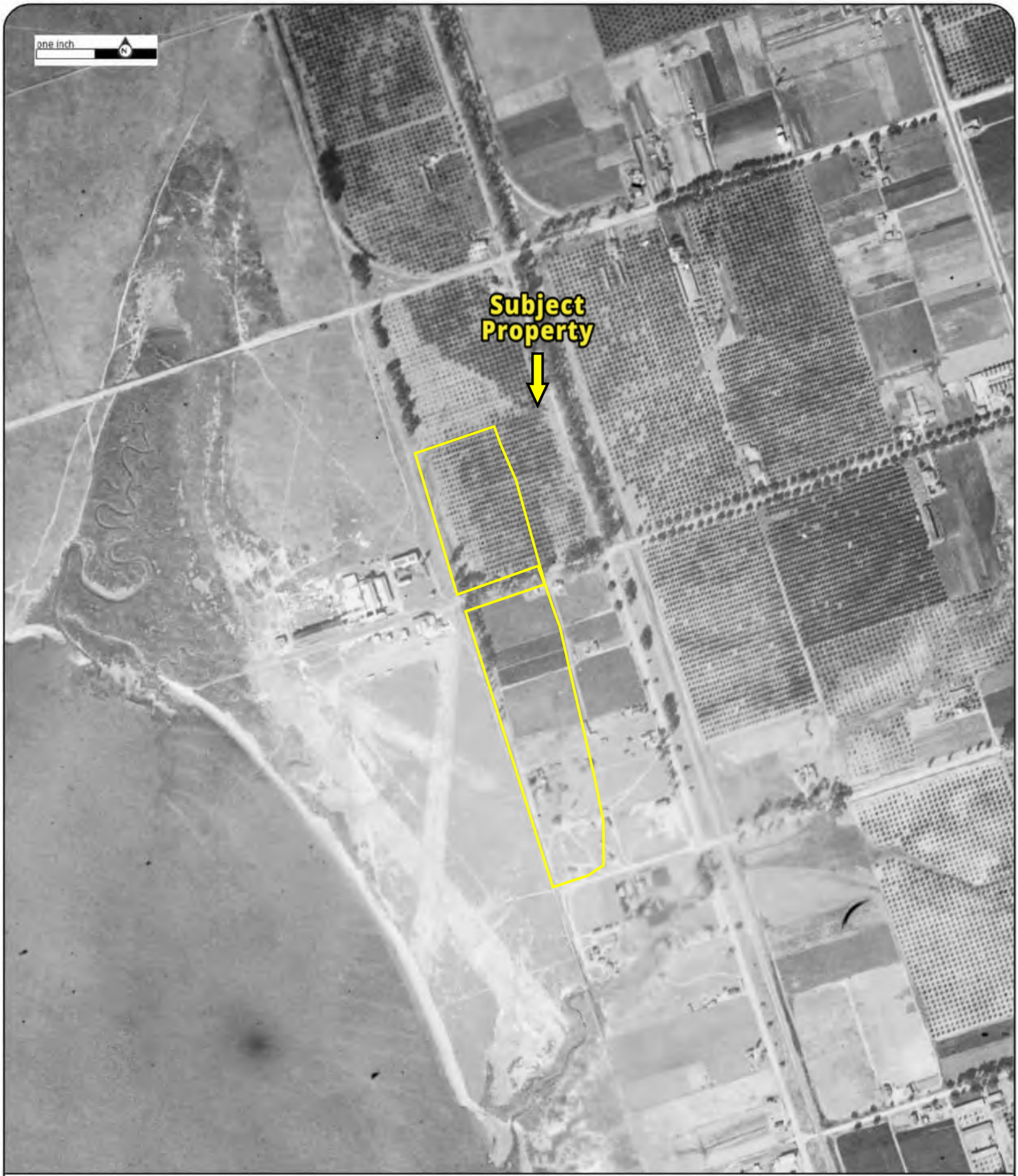
50. H Street and the adjoining properties to the south, view facing southwest.

51. Bay Boulevard and the adjoining properties to the east, view facing northeast.

52. Bay Boulevard and the adjoining properties to the east, view facing southeast.

APPENDIX B: HISTORICAL/REGULATORY/SUPPORTING DOCUMENTATION

PARTNER



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Comment:

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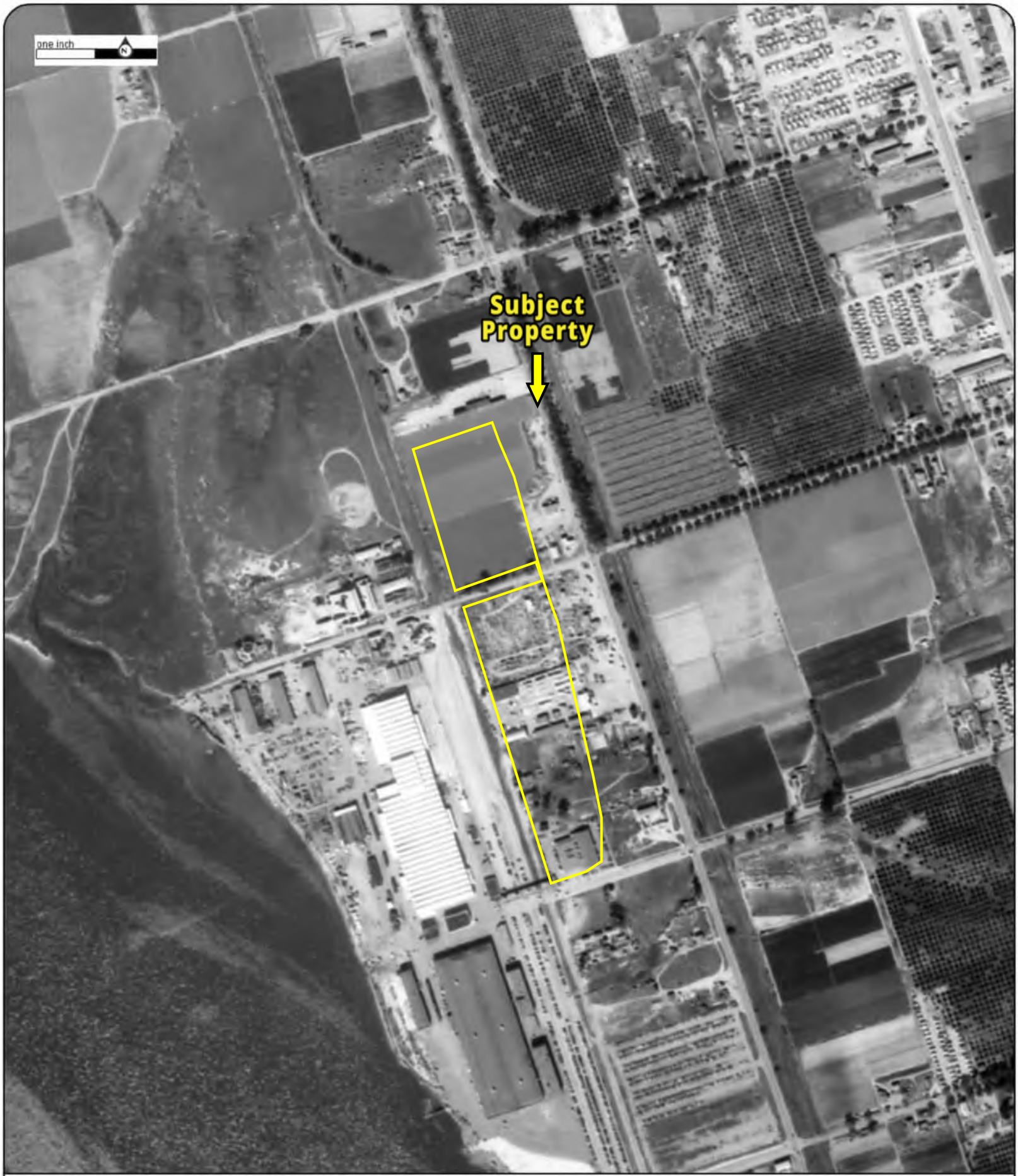
Order No: 23020700979

PARTNER



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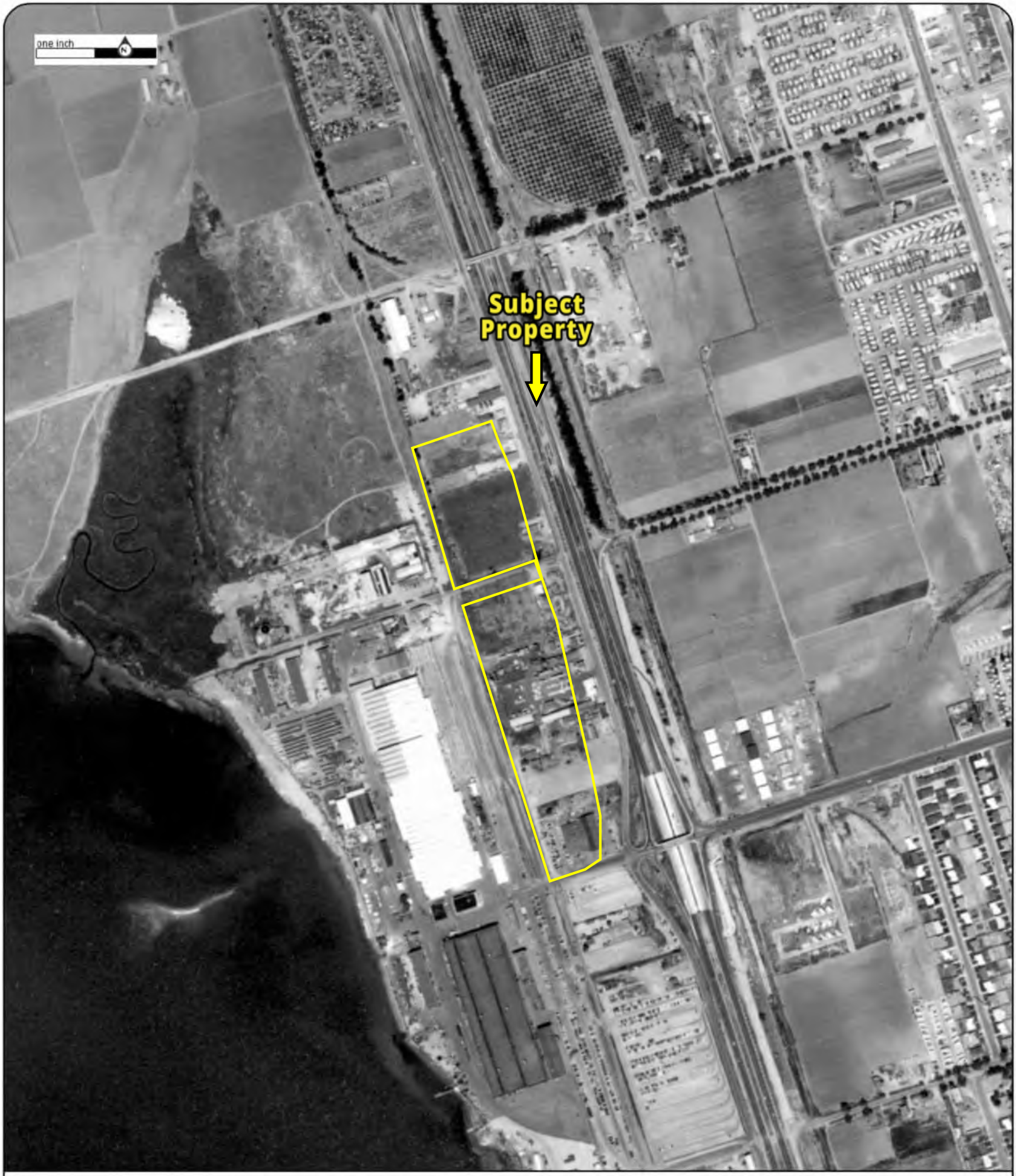
Order No: 23020700979

PARTNER



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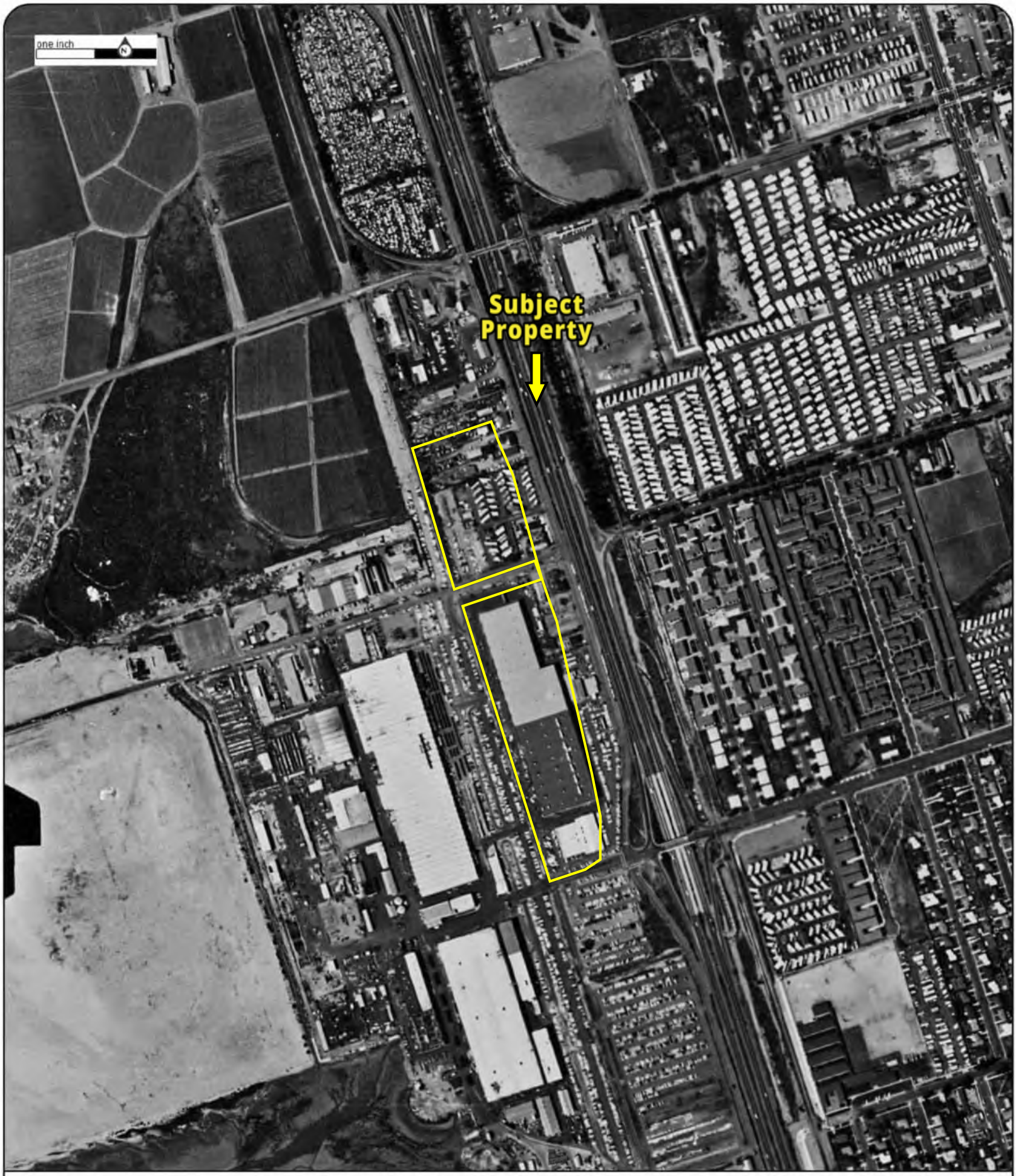

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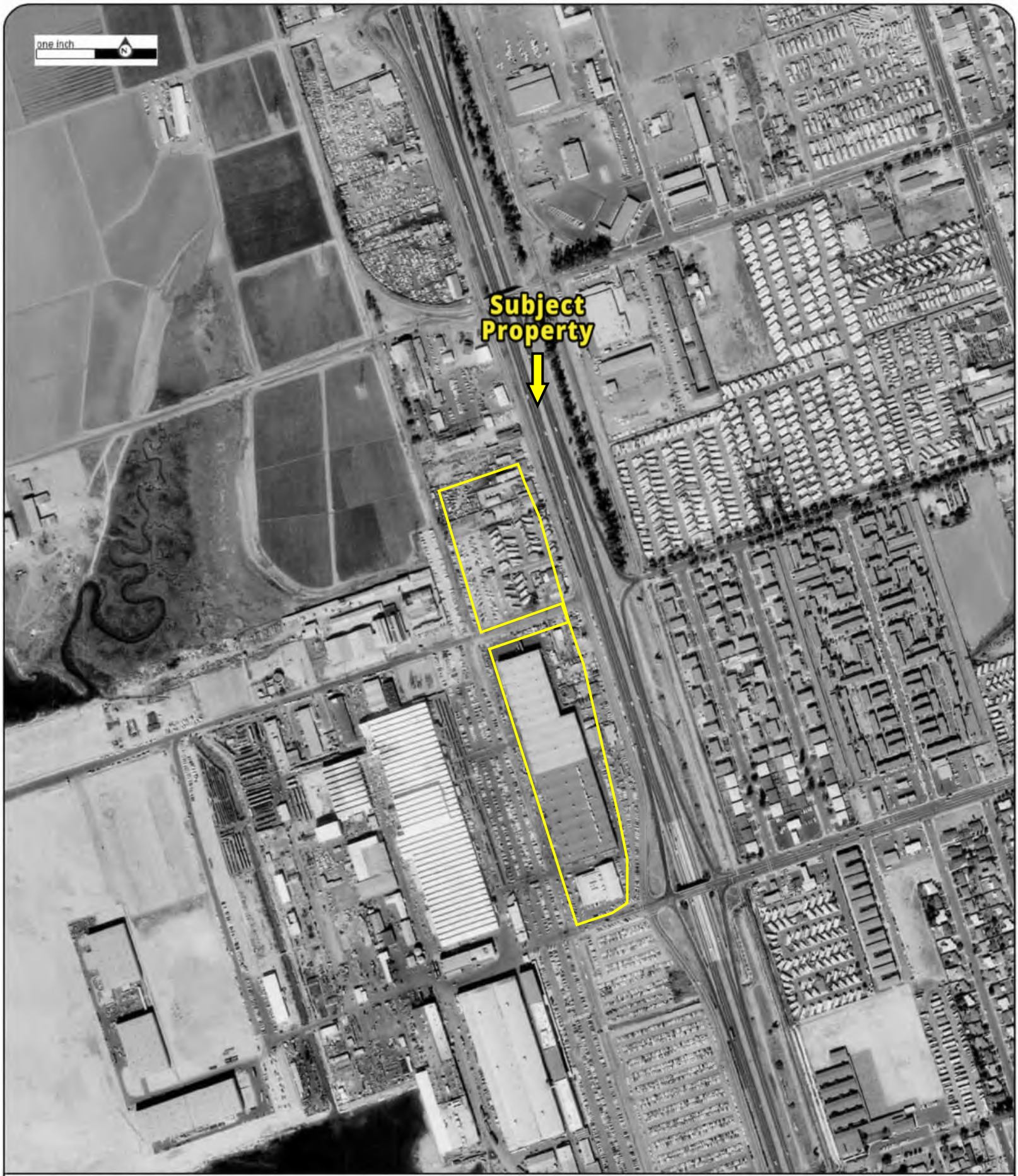
PARTNER



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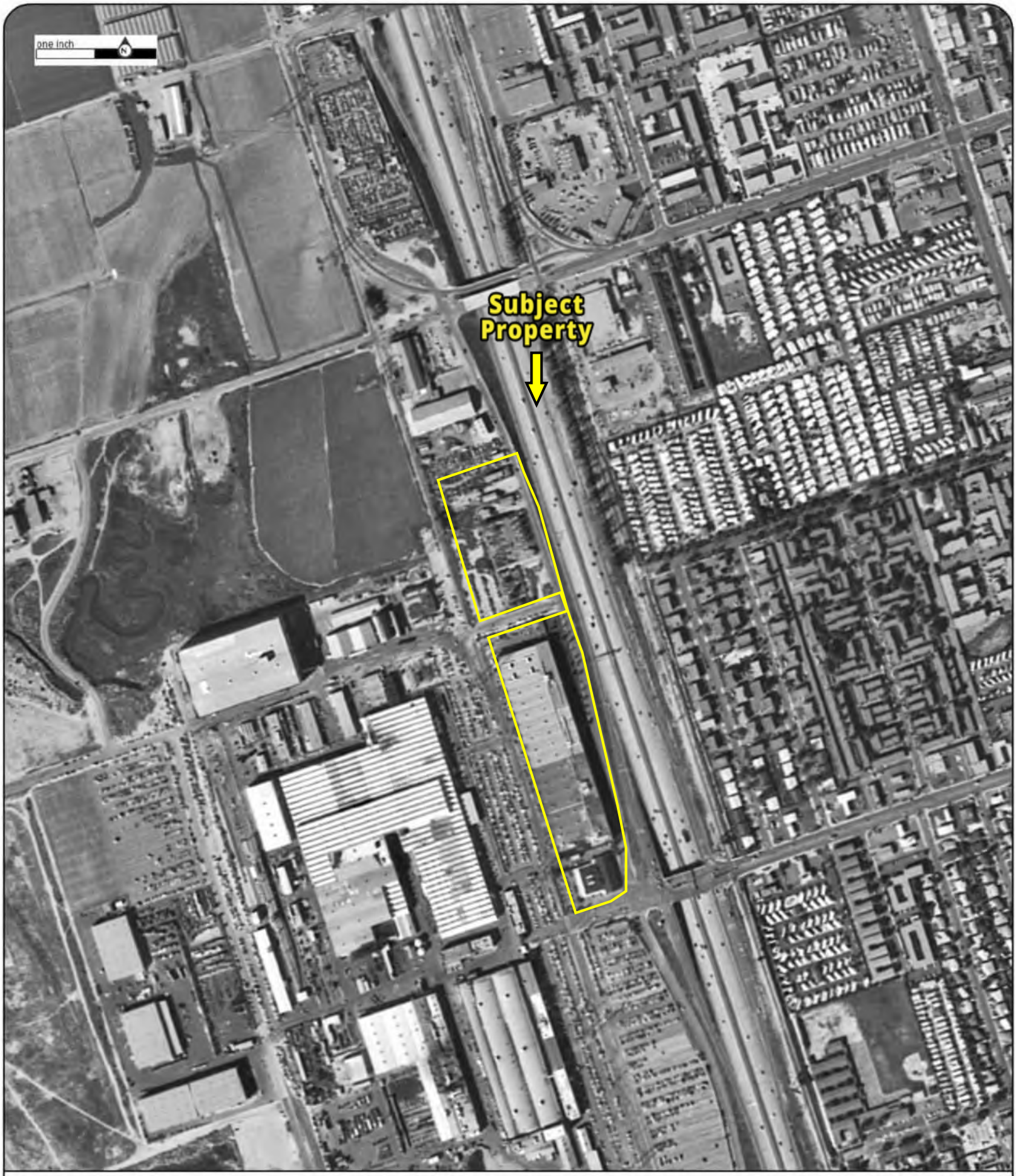
Order No: 23020700979

PARTNER



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Order No: 23020700979

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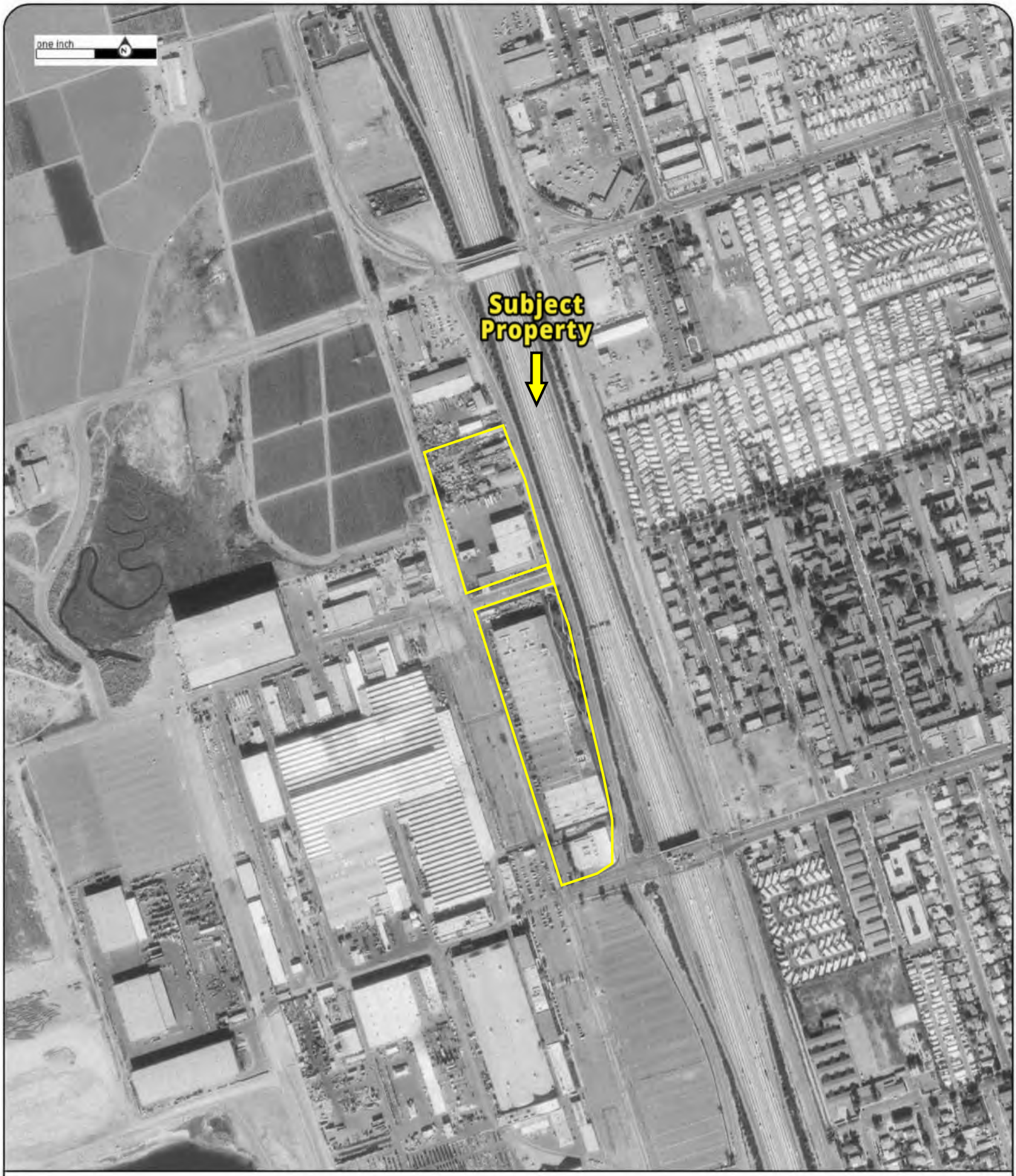
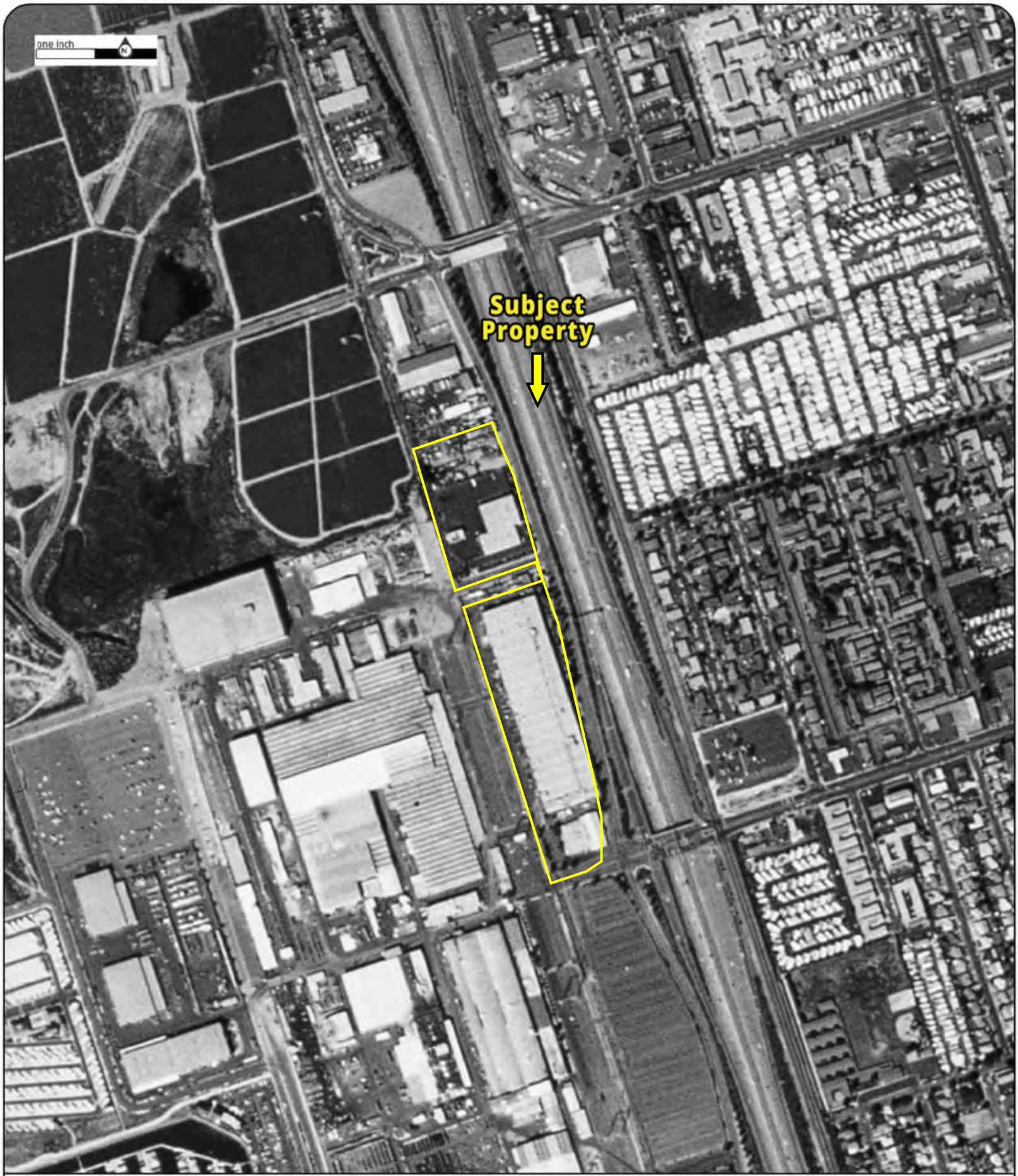


Year: 1980
Source: USGS
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

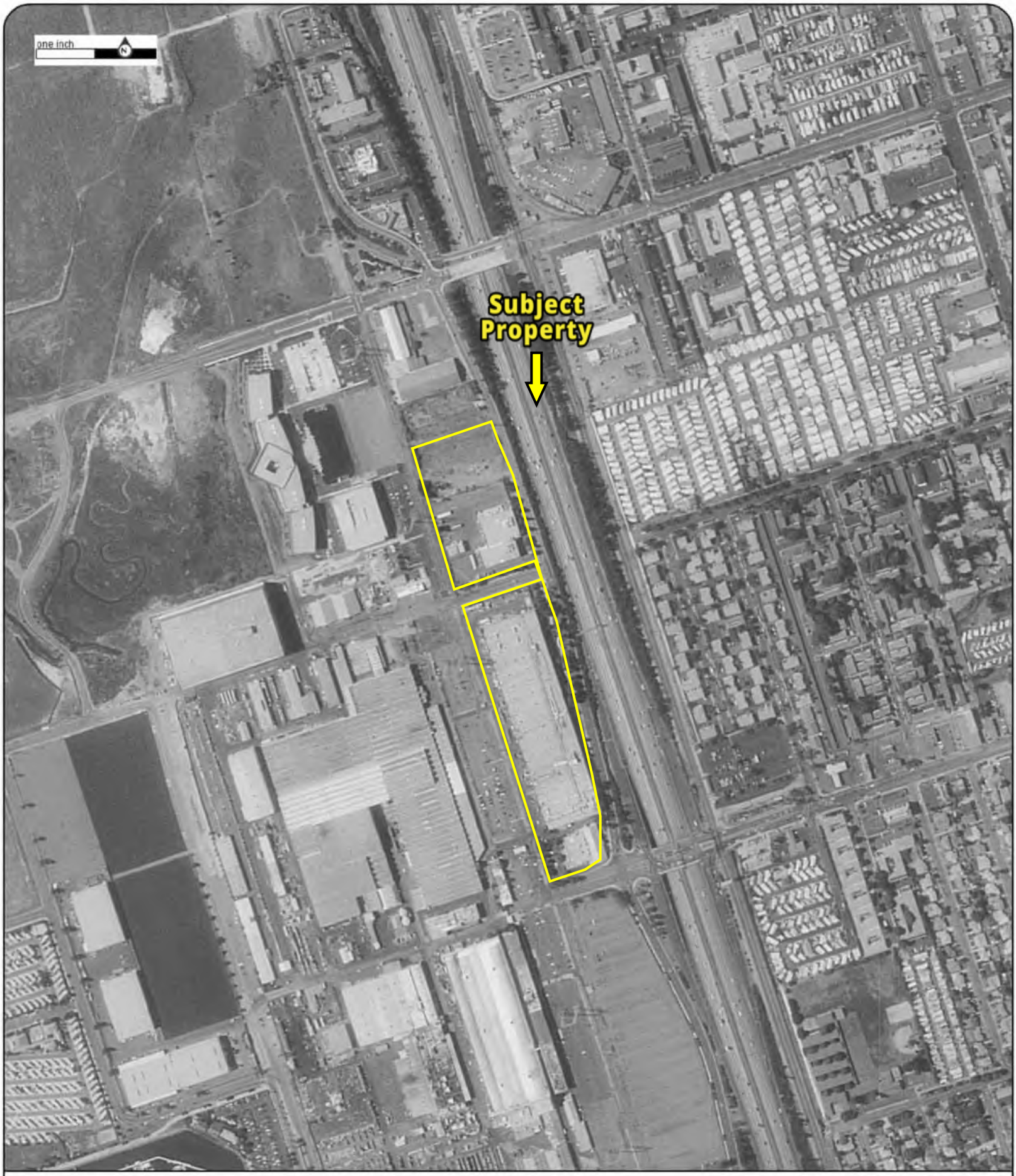


Year: 1985
Source: USGS
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER



Year: 1994
Source: USGS
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 1996
Source: USGS
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2002
Source: USGS
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA
Approx Center: -117.09807065,32.63159911

Order No: 23020700979

PARTNER

FIRE INSURANCE MAPS

Project Property:	Parcel A and North Land Parcels 795 H Street, 390, 368, 360, and 364 Bay Boulevard CHULA VISTA CA 91910
Project No:	23-399112.1
Requested By:	Partner Engineering and Science, Inc.
Order No:	23020700979
Date Completed:	February 08, 2023

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

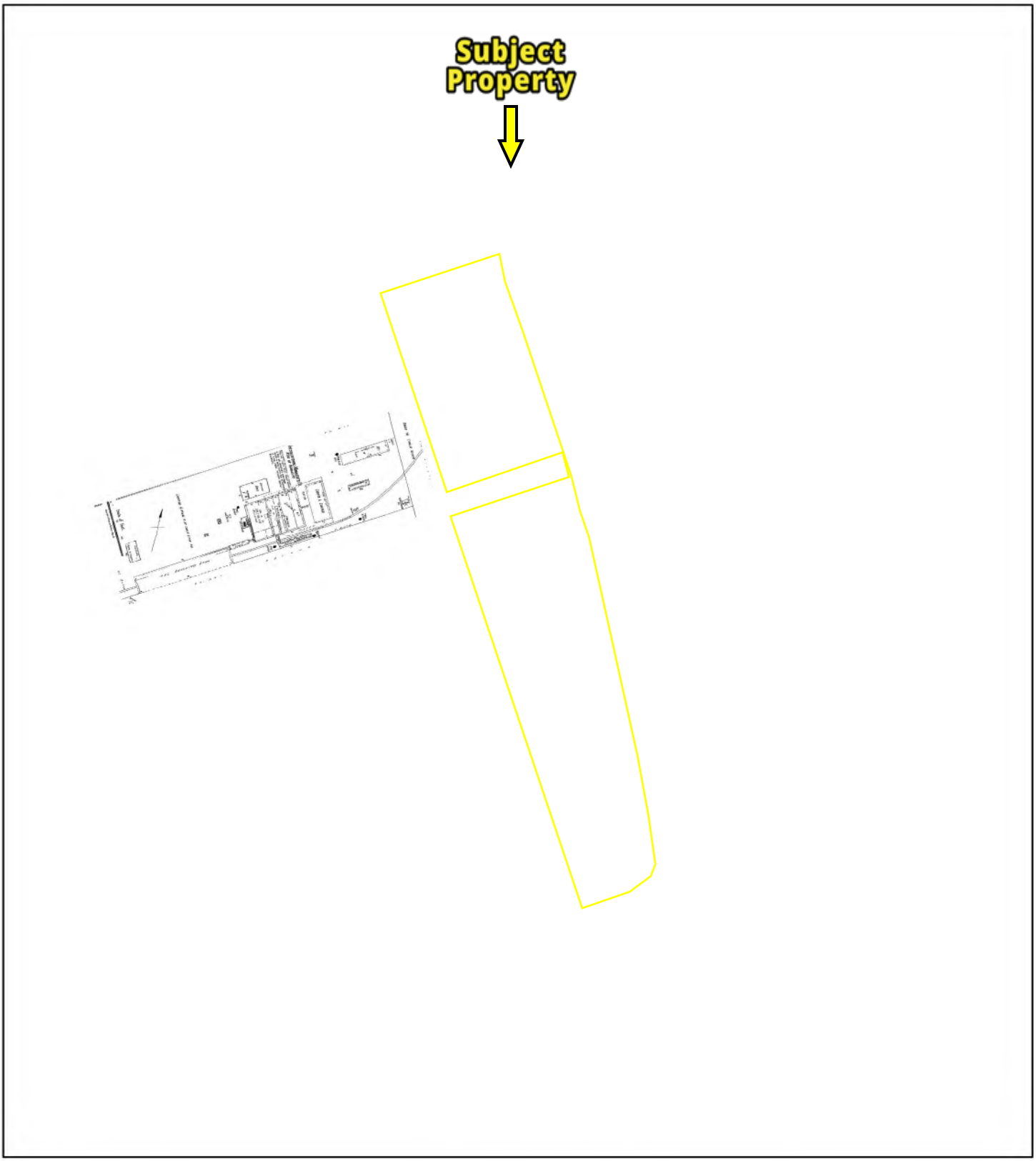
Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1918	Chula Vista	California		2
1949	Chula Vista	California		15
1962	Chula Vista	California		15

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Fire Insurance Map



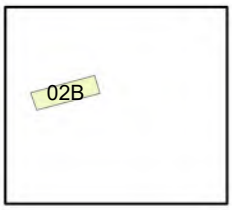
1918

N

0 190 380 760 1,140 1,520

Feet

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard CHULA VISTA CA 91910

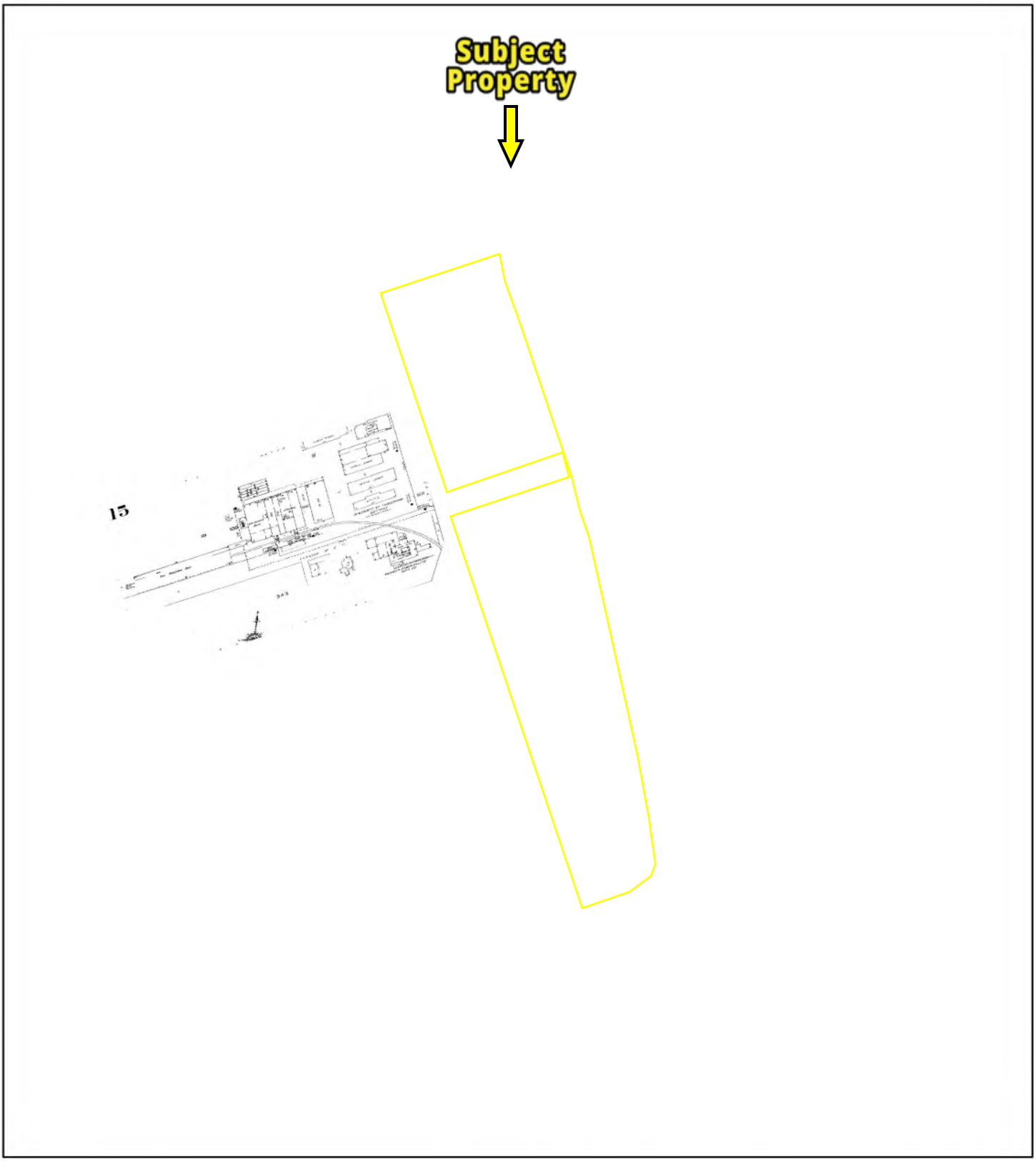


Map sheet(s):
Volume NA: 2;

Order Number 23020700979

PARTNER

Fire Insurance Map



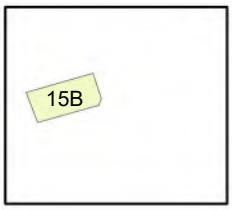
1949

N

0 190 380 760 1,140 1,520

Feet

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard CHULA VISTA CA 91910

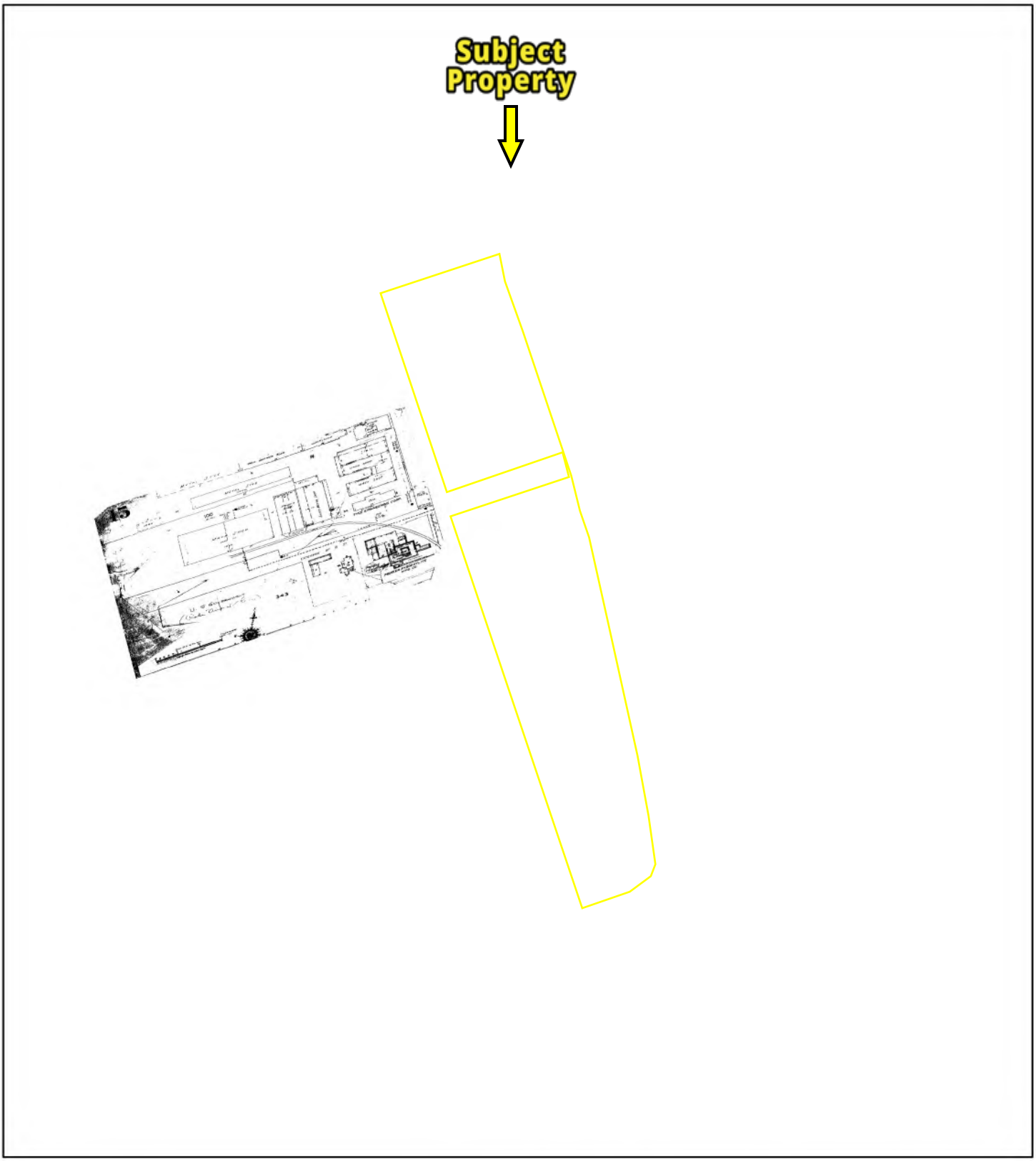


Map sheet(s):
Volume NA: 15;

Order Number 23020700979

PARTNER

Fire Insurance Map



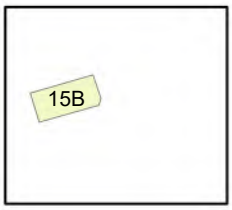
1962

N

0 190 380 760 1,140 1,520

Feet

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard CHULA VISTA CA 91910



Map sheet(s):
Volume NA: 15;

Order Number 23020700979

PARTNER

ERIS

CITY DIRECTORY

Project Property:	*Parcel A and North Land Parcels* *795 H Street, 390, 368, 360, and 364 Bay Boulevard* *CHULA VISTA,CA 91910*
Project No:	*23-399112.1*
Requested By:	*Partner Engineering and Science, Inc.*
Order No:	*23020700979*
Date Completed:	*February 13, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

February 13, 2023
RE: CITY DIRECTORY RESEARCH
795 H Street, 390, 368, 360, and 364 Bay Boulevard
CHULA VISTA,CA 91910

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
300-500 of Bay Blvd
750-860 of G St
700-END of H St
750-END of Lagoon Dr
Search Notes:
Lagoon Dr is also known as F St.

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000-2001	HAINES	
1995-96	HAINES	
1991-1992	HAINES	
1985	HAINES	
1980	HAINES	
1975	HAINES	
1970	HAINES	
1966	PACIFIC TELEPHONE	
1961	PACIFIC TELEPHONE	
1956	PACIFIC TELEPHONE	

2022 BAY BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2022 G ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2022 H ST

SOURCE: DIGITAL BUSINESS DIRECTORY

708 **ANA LUISA MEZA**...*RESIDENTIAL*
708 **ANA OROZCO**...*RESIDENTIAL*
708 **ANTHONY MAES**...*RESIDENTIAL*
708 **BISON MOBILE HOME PARK**...*MOBILE HOMES-PARKS & COMMUNITIES*
708 **CARLOS PONCE**...*RESIDENTIAL*
708 **EDUARDO DELEON**...*RESIDENTIAL*
708 **ELIZABETH LEYVA**...*RESIDENTIAL*
708 **EVE JOHNSON**...*RESIDENTIAL*
708 **EVERETT SPILLMAN**...*RESIDENTIAL*
708 **GASTON VAZQUEZ**...*RESIDENTIAL*
708 **GRACIELA ELIZONDO**...*RESIDENTIAL*
708 **JOSE ALVARADO**...*RESIDENTIAL*
708 **LORENE DURHAM**...*RESIDENTIAL*
708 **LUIS MALDONADO**...*RESIDENTIAL*
708 **MARGARITA RIOS**...*RESIDENTIAL*
708 **MARIA LOPEZ**...*RESIDENTIAL*
708 **MARIA OCHOA**...*RESIDENTIAL*
708 **MARIA RIVERA**...*RESIDENTIAL*
708 **MARIA VALLE**...*RESIDENTIAL*
708 **MARTHA HERNANDEZ**...*RESIDENTIAL*
708 **MATTHEW SANFILIPPO**...*RESIDENTIAL*
708 **MIGUEL ESPARZA**...*RESIDENTIAL*
708 **MIKE BUTZ**...*RESIDENTIAL*
708 **MULTISERVICES HOME ASSISTANCE**...*SERVICES NEC*
708 **NNCC**...*NONCLASSIFIED ESTABLISHMENTS*
708 **ROBERTO MACIEL**...*RESIDENTIAL*
708 **RUTH ARROYO**...*RESIDENTIAL*
708 **STANLEY MICHALSKI**...*RESIDENTIAL*
708 **STEPHEN PIERCE**...*RESIDENTIAL*
708 **TUCKER SAKA**...*RESIDENTIAL*
708 **VELIA PADILLA**...*RESIDENTIAL*
708 **VICTORIA MORALES**...*RESIDENTIAL*
708 **YOLANDA ORTIZ**...*RESIDENTIAL*
720 **AMPM**...*CONVENIENCE STORES*
720 **ARCO**...*SERVICE STATIONS-GASOLINE & OIL*
730 **EXPRESS EMPLOYMENT PRO**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
730 **LILEX ENTERPRISES INC**...*PRINTING CONSULTANTS*
730 **LM INSURANCE SVC**...*INSURANCE*
730 **PACIFIC MANUFACTURED HOMES**...*BUILDINGS-PRE-CUT PREFAB & MODLR-MFRS*
730 **SUN CASH**...*LOANS*
730 **SUN CASH**...*PAYDAY LOANS*
730 **US NAVY RECRUITING**...*RECRUITING-US ARMED FORCES*

2022 LAGOON DR

SOURCE: DIGITAL BUSINESS DIRECTORY

850 **ADO STAFFING INC**...*PERSONNEL CONSULTANTS*
850 **EUREST DINING SVC**...*FOOD SERVICE-MANAGEMENT*
850 **GOODRICH AERO STRUCTURES**...*STATE GOVERNMENT-PUBLIC HEALTH PROGRAMS*
850 **UTC AEROSPACE SYSTEMS**...*PHOTOGRAPHERSAERIAL*
850 **UTC AEROSPACE SYSTEMS**...*BUILDING SPECIALTIES*
850 **UTC AEROSPACE SYSTEMS**...*AIRCRAFT COMPONENTS-MANUFACTURERS*
850 **UTC AEROSPACE SYSTEMS**...*DOORS*

2020 BAY BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2020 G ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2020 H ST

SOURCE: DIGITAL BUSINESS DIRECTORY

708 **ANA LUISA MEZA**...*RESIDENTIAL*
708 **ANA OROZCO**...*RESIDENTIAL*
708 **ANTHONY MAES**...*RESIDENTIAL*
708 **BISON MOBILE HOME PARK**...*MOBILE HOMES-PARKS & COMMUNITIES*
708 **CARLOS PONCE**...*RESIDENTIAL*
708 **EDUARDO DELEON**...*RESIDENTIAL*
708 **ELIZABETH LEYVA**...*RESIDENTIAL*
708 **ELSA MALDONADO**...*RESIDENTIAL*
708 **EVE JOHNSON**...*RESIDENTIAL*
708 **EVERETT SPILLMAN**...*RESIDENTIAL*
708 **GASTON VAZQUEZ**...*RESIDENTIAL*
708 **GRACIELA ELIZONDO**...*RESIDENTIAL*
708 **JOSE ALVARADO**...*RESIDENTIAL*
708 **LESLIE SANFILIPPO**...*RESIDENTIAL*
708 **LORENE DURHAM**...*RESIDENTIAL*
708 **LUIS MALDONADO**...*RESIDENTIAL*
708 **LYNDA WARE**...*RESIDENTIAL*
708 **MARCOS BEJAR**...*RESIDENTIAL*
708 **MARIA LOPEZ**...*RESIDENTIAL*
708 **MARIA OCHOA**...*RESIDENTIAL*
708 **MARIA RIVERA**...*RESIDENTIAL*
708 **MARIA VALLE**...*RESIDENTIAL*
708 **MARTHA HERNANDEZ**...*RESIDENTIAL*
708 **MIGUEL ESPARZA**...*RESIDENTIAL*
708 **MIKE BUTZ**...*RESIDENTIAL*
708 **MULTISERVICES HOME ASSISTANCE**...*SERVICES NEC*
708 **NNCC**...*NONCLASSIFIED ESTABLISHMENTS*
708 **RAMIRO ARROYO**...*RESIDENTIAL*
708 **ROBERTO MACIEL**...*RESIDENTIAL*
708 **ROSARIO GARCIA**...*RESIDENTIAL*
708 **STANLEY MICHALSKI**...*RESIDENTIAL*
708 **STEPHEN PIERCE**...*RESIDENTIAL*
708 **TUCKER SAKA**...*RESIDENTIAL*
708 **VELIA PADILLA**...*RESIDENTIAL*
708 **VICTORIA MORALES**...*RESIDENTIAL*
708 **YOLANDA ORTIZ**...*RESIDENTIAL*
720 **AMPM**...*CONVENIENCE STORES*
720 **ARCO**...*SERVICE STATIONS-GASOLINE & OIL*
730 **EXPRESS EMPLOYMENT PRO**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
730 **LILEX ENTERPRISES INC**...*PRINTING CONSULTANTS*
730 **LM INSURANCE SVC**...*INSURANCE*
730 **PACIFIC MANUFACTURED HOMES**...*BUILDINGS-PRE-CUT PREFAB & MODLR-MFRS*
730 **SUN CASH**...*LOANS*
730 **SUN CASH**...*PAYDAY LOANS*
730 **US NAVY RECRUITING**...*RECRUITING-US ARMED FORCES*

2020 LAGOON DR

SOURCE: DIGITAL BUSINESS DIRECTORY

850 **ADO STAFFING INC**...*PERSONNEL CONSULTANTS*
850 **EUREST DINING SVC**...*FOOD SERVICE-MANAGEMENT*
850 **GOODRICH AERO STRUCTURES**...*STATE GOVERNMENT-PUBLIC HEALTH PROGRAMS*
850 **UTC AEROSPACE SYSTEMS**...*PHOTOGRAPHERSAERIAL*
850 **UTC AEROSPACE SYSTEMS**...*BUILDING SPECIALTIES*
850 **UTC AEROSPACE SYSTEMS**...*AIRCRAFT COMPONENTS-MANUFACTURERS*
850 **UTC AEROSPACE SYSTEMS**...*DOORS*

2016 BAY BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2016 G ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2016 H ST

SOURCE: DIGITAL BUSINESS DIRECTORY

708 **ANA LUISA MEZA**...*RESIDENTIAL*
708 **ANA OROZCO**...*RESIDENTIAL*
708 **ANTHONY MAES**...*RESIDENTIAL*
708 **BISON MOBILE HOME PARK**...*MOBILE HOMES-PARKS & COMMUNITIES*
708 **CARLOS PONCE**...*RESIDENTIAL*
708 **EDUARDO DELEON**...*RESIDENTIAL*
708 **ELSA MALDONADO**...*RESIDENTIAL*
708 **ELVIRA ALVARADO**...*RESIDENTIAL*
708 **EVE JOHNSON**...*RESIDENTIAL*
708 **EVERETT SPILLMAN**...*RESIDENTIAL*
708 **GRACIELA ELIZONDO**...*RESIDENTIAL*
708 **JOSE ALVARADO**...*RESIDENTIAL*
708 **JOSE ARROYO**...*RESIDENTIAL*
708 **JULIA GUTIERREZ**...*RESIDENTIAL*
708 **LORENE DURHAM**...*RESIDENTIAL*
708 **LUIS MALDONADO**...*RESIDENTIAL*
708 **MANUEL GOMEZ**...*RESIDENTIAL*
708 **MARCOS BEJAR**...*RESIDENTIAL*
708 **MARIA LOPEZ**...*RESIDENTIAL*
708 **MARIA OCHOA**...*RESIDENTIAL*
708 **MARIA RIVERA**...*RESIDENTIAL*
708 **MARIA VALLE**...*RESIDENTIAL*
708 **MARTHA HERNANDEZ**...*RESIDENTIAL*
708 **MIGUEL ESPARZA**...*RESIDENTIAL*
708 **MIKE BUTZ**...*RESIDENTIAL*
708 **RAMIRO ARROYO**...*RESIDENTIAL*
708 **RAQUEL BEJAR**...*RESIDENTIAL*
708 **RICARDO DELEON**...*RESIDENTIAL*
708 **ROBERTO MACIEL**...*RESIDENTIAL*
708 **ROSARIO GARCIA**...*RESIDENTIAL*
708 **RUTH ARROYO**...*RESIDENTIAL*
708 **STANLEY MICHALSKI**...*RESIDENTIAL*
708 **STEPHEN PIERCE**...*RESIDENTIAL*
708 **TUCKER SAKA**...*RESIDENTIAL*
708 **VICTORIA MORALES**...*RESIDENTIAL*
720 **AMPM**...*CONVENIENCE STORES*
720 **AMPM**...*SERVICE STATIONS-GASOLINE & OIL*
720 **CHASE ATM**...*AUTOMATED TELLER MACHINES*
730 **ARMANDO'S MEXICAN FOOD**...*RESTAURANTS*
730 **ARMY NATIONAL GUARD RECRUITERS**...*STATE GOVERNMENT-NATIONAL SECURITY*
730 **EL GRANDE MEX & SEAFOOD**...*RESTAURANTS*
730 **EXPRESS EMPLOYMENT PRO**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
730 **SANSAR EVENTS**...*EVENTS-SPECIAL*
730 **SUN CASH**...*PAYDAY LOANS*
730 **US NAVY RECRUITING**...*RECRUITING-US ARMED FORCES*

2016 LAGOON DR

SOURCE: DIGITAL BUSINESS DIRECTORY

850 **ADO STAFFING INC**...*PERSONNEL CONSULTANTS*
850 **ATM**...*AUTOMATED TELLER MACHINES*
850 **EUREST DINING SVC**...*FOOD SERVICE-MANAGEMENT*
850 **GOODRICH AERO STRUCTURES**...*STATE GOVERNMENT-PUBLIC HEALTH PROGRAMS*
850 **GOODRICH AEROSTRUCTURE**...*AEROSPACE INDUSTRIES (MFRS)*
850 **UTC AEROSPACE SYSTEMS**...*AIRCRAFT COMPONENTS-MANUFACTURERS*
850 **UTC AEROSPACE SYSTEMS**...*BUILDING SPECIALTIES*

2012 BAY BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 G ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 H ST

SOURCE: DIGITAL BUSINESS DIRECTORY

708 **BISON MOBILE HOME PARK**...*MOBILE HOMES-PARK DEVELOPERS*
708 **CLEOTILDE GRANADOS**...*RESIDENTIAL*
708 **DANIEL FLORES**...*RESIDENTIAL*
708 **ELIZABETH LEYVA**...*RESIDENTIAL*
708 **EVERETT SPILLMAN**...*RESIDENTIAL*
708 **GARCIA EVENCIO**...*RESIDENTIAL*
708 **GEORGE LIVINGSTON**...*RESIDENTIAL*
708 **JESS RODRIGUEZ**...*RESIDENTIAL*
708 **JESSY RODRIGUEZ**...*RESIDENTIAL*
708 **JUANA THORNE**...*RESIDENTIAL*
708 **LIDIA LIRA**...*RESIDENTIAL*
708 **LUIS MALDONADO**...*RESIDENTIAL*
708 **MARIA GODFREY**...*RESIDENTIAL*
708 **MARIA JIMENEZ**...*RESIDENTIAL*
708 **MARIA VALLE**...*RESIDENTIAL*
708 **MARTHA HERNANDEZ**...*RESIDENTIAL*
708 **PABLO YESCAS**...*RESIDENTIAL*
708 **ROSA RODRIGUEZ**...*RESIDENTIAL*
708 **THOMAS BEECH**...*RESIDENTIAL*
708 **TINA VALDEZ**...*RESIDENTIAL*
708 **TOMASA LIZARRAGA**...*RESIDENTIAL*
708 **VAL PADILLA**...*RESIDENTIAL*
708 **VELIA PADILLA**...*RESIDENTIAL*
720 **AMPM**...*CONVENIENCE STORES*
730 **ARMY NATIONAL GUARD RECRUITERS**...*STATE GOVERNMENT-NATIONAL SECURITY*
730 **CHECK ADVANCE**...*PAYDAY LOANS*
730 **SUN CASH**...*LOANS*
730 **TORTAS Y MAS**...*RESTAURANTS*
730 **US NAVY RECRUITING**...*RECRUITING-US ARMED FORCES*

2012 LAGOON DR

SOURCE: DIGITAL BUSINESS DIRECTORY

850 **ADO STAFFING INC**...*PERSONNEL CONSULTANTS*
850 **EUREST DINING SVC GOODS**...*SERVICES NEC*
850 **GOODRICH AEROSTRUCTURES GROUP**...*AIRCRAFT COMPONENTS-MANUFACTURERS*

2008 BAY BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2008 G ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2008 H ST

SOURCE: DIGITAL BUSINESS DIRECTORY

708 **AARON PERUMEAN**...*RESIDENTIAL*
708 **ANTHONY M MAES**...*RESIDENTIAL*
708 **B TRACY**...*RESIDENTIAL*
708 **BENJAMIN R MARTINEZ**...*RESIDENTIAL*
708 **BISON MOBILE HOME PARK**...*MOBILE HOMES-PARKS & COMMUNITIES*
708 **BISON TRAILER PARK**...*MOBILE HM SITE OPER*
708 **CHARLES FERNANDEZ**...*RESIDENTIAL*
708 **DANIEL FLORES**...*RESIDENTIAL*
708 **ELIAS BARAJAS**...*RESIDENTIAL*
708 **EMA R ANGUIANO**...*RESIDENTIAL*
708 **ERNESTO L LIZARRGA**...*RESIDENTIAL*
708 **GABINO R DIAZ**...*RESIDENTIAL*
708 **GRACIELA ELIZONDO**...*RESIDENTIAL*
708 **HENRY HOLTZ**...*RESIDENTIAL*
708 **HENRY L JR PRATT**...*RESIDENTIAL*
708 **JEFFREY JONES**...*RESIDENTIAL*
708 **JOHN P MAILA**...*RESIDENTIAL*
708 **JOSEFINA ZANMORANO**...*RESIDENTIAL*
708 **M HOLZ**...*RESIDENTIAL*
708 **M LOPEZ**...*RESIDENTIAL*
708 **MANUEL FLORES**...*RESIDENTIAL*
708 **MARIA FERNANDEZ**...*RESIDENTIAL*
708 **MILTON J MONETTE**...*RESIDENTIAL*
708 **NATALIE RIVERA**...*RESIDENTIAL*
708 **O L BROWN**...*RESIDENTIAL*
708 **RAYMOND TRAPP**...*RESIDENTIAL*
708 **ROBERT GECK**...*RESIDENTIAL*
708 **S MICHALSKI**...*RESIDENTIAL*
719 **DENNIS J YOUNG**...*RESIDENTIAL*
720 **8TH STREET ARCO STATION**...*GASOLINE SV STATION*
720 **8TH STREET ARCO STATION**...*SERVICE STATIONS-GASOLINE & OIL*
730 **ARMY NATIONAL GUARD RECRUITERS**...*STATE GOVERNMENT-NATIONAL SECURITY*
730 **ARMY NATIONAL GUARD RECRUITERS**...*NATIONAL SECURITY*
730 **LA TORTA**...*EATING PLACES*
730 **LA TORTA**...*RESTAURANTS*
730 **SUN CASH**...*PERSONAL CREDIT INS*
730 **US COAST GUARD RECRUITING**...*NATIONAL SECURITY*
730 **US NAVY RECRUITING**...*NATIONAL SECURITY*

2008 LAGOON DR

SOURCE: DIGITAL BUSINESS DIRECTORY

786 **GEORGE H BLANDING**...*RESIDENTIAL*
850 **GOODRICH AERO STRUCTURES**...*PUBLIC HEALTH PROG*
850 **GOODRICH AERO STRUCTURES GROUP**...*MFG AIRCRAFT PARTS/EQUIP*
850 **GOODRICH AEROSPACE**...*AIRCRAFT PARTS, EQP*
850 **GOODRICH AEROSPACE**...*ELECTRONIC EQUIPMENT & SUPPLIES-MFRS*

2003 BAY BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

404 **FRANK H GROVE**...*RESIDENTIAL*
414 **LINWOOD P ADAMS**...*RESIDENTIAL*
419 **JOSEPH TERRAZAS**...*RESIDENTIAL*
420 **MILO J HALLACK**...*RESIDENTIAL*
430 **VAUGHN E JACOBS**...*RESIDENTIAL*
437 **BLANC ANNE V LE**...*RESIDENTIAL*
462 **EDWARD ALVARADO**...*RESIDENTIAL*
470 **FRANCIS R MULROY**...*RESIDENTIAL*
477 **ARMANDO JASSO**...*RESIDENTIAL*
482 **EVA DR YOUNG**...*RESIDENTIAL*
482 **JOHN W YOUNG**...*RESIDENTIAL*

2003 G ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2003 H ST

SOURCE: DIGITAL BUSINESS DIRECTORY

708 **AARON PERUMEAN**...*RESIDENTIAL*
708 **ANKER W NORGAARD**...*RESIDENTIAL*
708 **B R MARTINEZ**...*RESIDENTIAL*
708 **B TRACY**...*RESIDENTIAL*
708 **CARLOS C BEJAR**...*RESIDENTIAL*
708 **CHARLES FERNANDEZ**...*RESIDENTIAL*
708 **DANIEL FLORES**...*RESIDENTIAL*
708 **FLO HOPSON**...*RESIDENTIAL*
708 **G ELIZONDO**...*RESIDENTIAL*
708 **GEORGE RISLEY**...*RESIDENTIAL*
708 **HENRY A OLIVAS**...*RESIDENTIAL*
708 **HENRY HOLTZ**...*RESIDENTIAL*
708 **HENRY L JR PRATT**...*RESIDENTIAL*
708 **HUB FREEMAN**...*RESIDENTIAL*
708 **J L SLATTON**...*RESIDENTIAL*
708 **J MANZ**...*RESIDENTIAL*
708 **JOHN F MURPHY**...*RESIDENTIAL*
708 **JOHN P MAILA**...*RESIDENTIAL*
708 **JOSE T GUILLEN**...*RESIDENTIAL*
708 **LAURINE LOESH**...*RESIDENTIAL*
708 **M HOLZ**...*RESIDENTIAL*
708 **MARCOS N BEJAR**...*RESIDENTIAL*
708 **MILTON J MONETTE**...*RESIDENTIAL*
708 **O L BROWN**...*RESIDENTIAL*
708 **RAUL A CASTRO**...*RESIDENTIAL*
708 **RAYMOND TRAPP**...*RESIDENTIAL*
708 **ROBERT GECK**...*RESIDENTIAL*
708 **ROBT R BORREGO**...*RESIDENTIAL*
708 **STANLEY MICHALSKI**...*RESIDENTIAL*
708 **VIRGIE H WALSH**...*RESIDENTIAL*
730 **ARMY NATIONAL GUARD RECRUITERS**
730 **SUN CASH**...*AUTOMOBILE AND CONSUMER FINANCE COMPANIES*

2003 LAGOON DR

SOURCE: DIGITAL BUSINESS DIRECTORY

850 **B F GOODRICH AEROSPACE**...*AIRCRAFT BODY AND WING ASSEMBLIES AND PARTS*
850 **ROHR INDUSTRIES INC**...*MOTORIZED AIRCRAFT*

2000-2001 BAY BLVD

SOURCE: HAINES

296	**XXXX**
630	**APPLIED INDUSTRIAL TECHNOLOGY**
630	**FEDRL MOGUL**
630	**GAMBRO**
630	**HEALTHCARE SERVS**
630	**KELLY PAPER STORE**
630	**WEST MARINE**

2000-2001 G ST

SOURCE: HAINES

RANGE NOT LISTED

2000-2001 H ST

SOURCE: HAINES

698	**SEVEN 11 FOOD 13576**
708	**BISON MBL HM PK**
720	**XXXX**
730	**99 ORIENTAL EXPRESS**
730	**BAJA LOBSTER**
730	**SUN CASH**
847	**XXXX**
850	**JAISWAL RAJESH**
865	**DOW STEREO VIDEO**
899	**BURGER KING**
1550	**AAA RENT A CAR AUTO RENTAL**
1550	**CAR RENTAL ECONO RENT A CAR**
1550	**OTHELLO'S COFFEEHOUSE**

2000-2001 LAGOON DR

SOURCE: HAINES

744	**XXXX**
760	**XXXX**
783	**XXXX**

1995-96 BAY BLVD

SOURCE: HAINES

296	**XXXX**
340	**XXXX**
350	**XXXX**
610	**XXXX**

1995-96 G ST

SOURCE: HAINES

RANGE NOT LISTED

1995-96 H ST

SOURCE: HAINES

698	**SEVEN 11 FOOD 13576**
708	**BISON MBL HM PK**
717	**XXXX**
720	**XXXX**
730	**BAJA LOBSTER**
730	**FARM FRESH PRODUCE**
730	**SUSYS BTY SLN & SPLY**
730	**SUZYS BTY SLN & SPLY**

1995-96 LAGOON DR

SOURCE: HAINES

744	**XXXX**
783	**XXXX**
798	**XXXX**
867	**XXXX**

1991-1992 BAY BLVD

SOURCE: HAINES

296	**XXXX**
340	**XXXX**
350	**XXXX**
740	**XXXX**

1991-1992 G ST

SOURCE: HAINES

RANGE NOT LISTED

1991-1992 H ST

SOURCE: HAINES

698	SEVEN 11 FOOD 13576
708	BISON MBL HM PK
717	XXXX
730	CHECK CASHERS SO CA
730	HACIENDA DON DIEGO
730	JJ PRODUCE
730	ROSE GARDEN DELI

1991-1992 LAGOON DR

SOURCE: HAINES

744	XXXX
783	XXXX
798	RISI INDUSTRIES
867	XXXX
960	XXXX
965	XXXX
980	HYPERBARIC OXY TH S
980	PAC CST WELDNG & MACH
980	SD SHIPBUILDING
980	SS LEASING
980	SUB SEA SURVEYORS
980	WTG SECURITIES
988	XXXX

1985 BAY BLVD

SOURCE: HAINES

340	THERMO KING
350	JACKSONS IMPORT AUT
350	JACKSONS IMPRT AUTO
360	A & R USED TRUCK PRTS
362	EDWARDS HUGH L
368	JENNINGS DALE J
368	PEEL C
368	SD PUMP & CMPRSSR SPL
390	VALLEY DET DIES ALL
990	XXXX

1985 G ST

SOURCE: HAINES

RANGE NOT LISTED

1985 H ST

SOURCE: HAINES

0	ROHR IND INC
698	SEVEN ELVN NO 13576
708	BISON MBL HM PK
717	XXXX
720	ARCO AM PM MINI MAR
730	MANNS TEXACO
730	TEXACO INC CHLA VST
730	U HAUL CO

1985 LAGOON DR

SOURCE: HAINES

744	XXXX
783	XXXX
798	ENGINE TECHNOLOGIES
798	RISI INDUSTRIES
798	RISIINDUSTRIES
867	MARSTERS GORDON
960	XXXX
965	RAYNE SOUTH BAY
980	BERGGRENS MARIN IND
980	CCI CHERKEE CN IN
980	CHEROKEE CONSD IND
980	HYPERBARIC OXY TH S
980	PACIFIC CST ENGANG
980	PACIFIC CST WELDING
980	SD SHIPBUILDING
980	SSS LEASING
980	SUB SEA SURVEYORS
988	XXXX

1980 BAY BLVD

SOURCE: HAINES

296	XXXX
340	THERMO KING 4254242 5
350	CAMPBELL ENTERPRISE 4264040 0
350	CAMPBELL HARDING C 4264040 0
350	JACKSONS IMPRT AUTO 4261234 1
360	A & R USED TRUCK PRTS 4270354
362	EDWARDS HUGH L 4228896 0
368	DURRANT MARCIA A 4250258 8
368	ELLIOTT CAROL 4250258 9
368	SD PUMP & CMPRSSA SPL 4275575
390	LAWLESS DETAT DIESL 4253480 8
990	XXXX

1980 G ST

SOURCE: HAINES

RANGE NOT LISTED

1980 H ST

SOURCE: HAINES

698	SEVEN 11 FOOD 13576
708	BISON MBL HM PK
717	XXXX
720	BALLANTYNES ARCO
730	MANNS TEXACO
730	TEXACO INC CHLA VST
730	U HAUL CO

1980 LAGOON DR

SOURCE: HAINES

744	SWEETWATER ATY SHPS
783	XXXX
798	RISI INDUSTRIES
798	RISIINDUSTRIES
960	MARINA MOTEL
965	CAPPOS JAS
965	POOLE BOAT CO
965	RAYNE SOFT WATER SV
980	PLUSS BOB WLDNG
980	WHITEMAN YACHT CO

1975 BAY BLVD

SOURCE: HAINES

350	JACKSONS IMPRT AUTO
360	ACR USED TRUCK PRTS
360	THERMO KING
368	DAVIS BRUCE
368	SD PMPGCMPRESSA SPL
388	MAKSOR TRAILER PAR
990	BURNSEROE CONSTRCTNG
990	LIMNOS CORP
990	RECKING CORP OF AM
990	US INTERIOR WTR TST4

1975 G ST

SOURCE: HAINES

736	BLY ROOT D
736	ESTRADA GUILLERMO ,
736	WILLIAMS WALTER G
736	WISSER JM
809	XXXX

1975 H ST

SOURCE: HAINES

696	**711 F000 STR 13576**
708	**BISON MOBILE HNF P**
717	**DONS EXXON SV STN**
717	**EXXON SERV STA**
720	**BALLANTYNES ARCO**
730	**MANNS TEXACO**
730	**TEXACO INC**
730	**U HAUL CO**

1975 LAGOON DR

SOURCE: HAINES

744	**CALIF AMER WATER CO**
796	**PRODUCTRON INC**
960	**MARINA MOTEL**
965	**CAPPOS JAS**
965	**POOLES BOAT CO**
965	**RAYNE SOFT WATER SV**
980	**WHITEMAN ME**
980	**WHITEMAN YACHT CO**

1970 BAY BLVD

SOURCE: HAINES

296	WEST AUTO WRECKERS 4206056
338	RANNISTER STEEL INC4202054
350	JACK SONS AUTO WRCKG4261234 0
360	AGR USED TRUCK PRTS4270354
368	SOUTH BAY MARINE 4226143
990	CATALYTIC CONST CO 4277003
990	US REVRSE OSMOSIS 14277009
990	US RFVRSE OSMOSIS 24277005
990	US TEST MODULE 4277003
990	US WTR TEST FACL TY 4277000
990	US WTR TEST FACL TY 4277003
990	US WTR TEST FACLTY 4277006

1970 G ST

SOURCE: HAINES

0	BALBOA STRUCTRL IND
736	HENRY JOS H
736	LIVINGSTON RICHARD
809	LEISURE TIME HOMES
809	MODULR CMPNT STRCTR
809	SUNRISE FURNTR MFG .

1970 H ST

SOURCE: HAINES

0	ROHR CORPORATION
698	7 11 FOOD STR 072 4229604 0
709	RISON MOBILE HME PK
720	ATLANTIC RICHFIELD
720	GLENS RICHFIELD
730	RICHARD DUMAS TEXCO
5843	FLEMING JOHN M
5851	BRIDGE RAY
5859	OGARD GEO F JR
5867	MASTNY DALE C
5883	BURNETT MICHELINA D
5883	RURNETT MILTON
5904	KEEFFR C JOS LTJG
5922	TAYLOR CLINTON COR

1970 LAGOON DR

SOURCE: HAINES

0	WHITEMAN YACHT CO
744	CALIF AMER WATER CO
798	CALIF GFN INC DIV
798	MFKTRON DIV
960	SHANGRI LA MOTEL
965	CAPPOS JAS
980	GUTIERREZ MAXIMIND

1966 BAY BLVD

SOURCE: PACIFIC TELEPHONE

296	MEST AUTO HALO
296	WEST AUTO WRECKERS
330	STANDARD ELECTRIC
338	BANNISTER STEEL INC
338	BUILDING
338	PIERCE CHAS M
350	8 - H METAL CO
360	A - R USED TRUCK PARTS
362	ULTRA PLASTICS INC
364	SO BAY VETNRY HOSP
368	SOUTH BAY MARINE
388	TRAILER PARK
995	16TH - LOGAN AUTO
995	LOGAN AUTO DISMNTLRS

1966 G ST

SOURCE: PACIFIC TELEPHONE

736	BUILDING
736	PHELPS R L 4228411
736	WILSON E 4206545
856	HOBART CONSOLIDATED 4228361
856	WILLIAMS HL CONTR 4221133

1966 H ST

SOURCE: PACIFIC TELEPHONE

698	**SPEEDEE MART**
708	**BISON MOBILE HOME PK 4**
708	**TRAILER COURT**
720	**FLEMINGS RICHFIELD**
730	**EARLS TEXACO STATION**

1966 LAGOON DR

SOURCE: PACIFIC TELEPHONE

744	**CALIF AMER WATER CO 420-8845**
754	**JANIPS BOATS 4222696**
798	**CALIFORNIA GENERAL 4205007**
965	**RAYNE SOFT WATER SER 4206392**
980	**EVANGELISTA A 4270893**

1961 BAY BLVD

SOURCE: PACIFIC TELEPHONE

280 WEST AUTO WRECKERS HA06056
330 STANDARD ELECTRIC HA03322
338 BANNISTER STEEL CO HA02054
338 BUILDING
338 PIERCE CHAS M GA23834
338 WHITE CECIL HA70690
350 BROWN EL CONST CO HA03500
350 BUILDING
358 MINER TOOL GRINDING HA08052
360 BH METAL CO GA23098
360 YARIE RICHARD J GA27905
364 POST AIRCRAFT CO GA26712
364 SO BAY VETNRY HOSP GA24835
368 MANSELL MARINE CO GA23965
388 TRAILER PARK
390 DUVALL CO GA21957
995 SIXTEENTH - LOGAN AUTO WRECKERS

1961 G ST

SOURCE: PACIFIC TELEPHONE

731 CABRILLO MOBILE LODGEGA20245
809 TYCE ENGINEERING GA20191
850 HARMS EDW W GA21216
856 HOBART HOMES INC GA28361
856 MORGAN J B CONST CO GA28333
856 SEABROOK RS GA21173
856 WILLIAMS HL CONTR GA21133

1961 H ST

SOURCE: PACIFIC TELEPHONE

RANGE NOT LISTED

1961 LAGOON DR

SOURCE: PACIFIC TELEPHONE

744 **CALIF WATER - TEL CO HA08845**
754 **JANIPS BOATS GA22696**
780 **BOSE MFG GA26809**
965 **RAYNE SOFT WATER SERVHA06392**

1956 BAY BLVD

SOURCE: PACIFIC TELEPHONE

270	SOUTH BAY AUTO WRCKRS
350	CASEY CONST CO
360	BH - METAL CO
364	SO BAY VETNRY HOSP
368	MANSELLS LORINE
388	HARBOR TRLR PARK
390	DUVALL CO
420	BAY SURPLUS
452	OWENS W PLASS
608	SCOTT BROS GLASS CO

1956 G ST

SOURCE: PACIFIC TELEPHONE

698	AZUMA T GA23220
770	WILLIAMS HL GA21133
809	TYCE ENGINEERING GA20191
816	BOLIN JEFF J GA23776
816	BOLIN JOHN T GA22725
850	HARMS EDW W GA21216
856	COTTON CONSTRTN GA25371
856	ELECTRICAL CONST GA21173
856	HOBART HOMES INC GA28361

1956 H ST

SOURCE: PACIFIC TELEPHONE

RANGE NOT LISTED

1956 LAGOON DR

SOURCE: PACIFIC TELEPHONE

736 **DAVIS JOHN CV 415W**
754 **PATRICK JOE R GA29728**
780 **FASIG MACHINE TOOL GA26255**

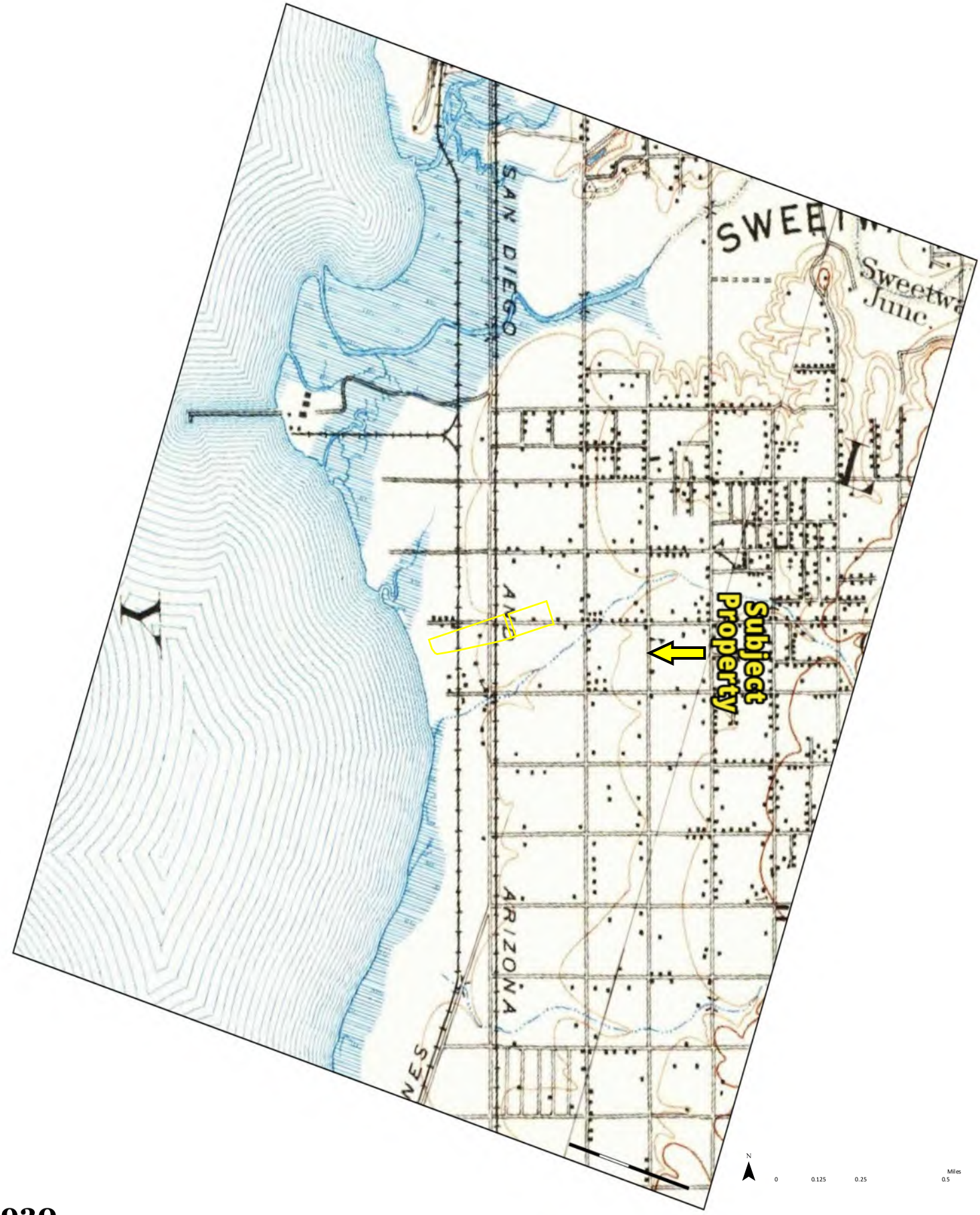
1904

Quadrangle(s): San Diego, CA

Source: USGS 15 Minute Topographic Map

Order No. 23020700979

PARTNER



1930

Quadrangle(s): San Diego, CA

Order No. 23020700979

Source: USGS 15 Minute Topographic Map

1944

Quadrangle(s): National City, CA

Source: USGS 7.5 Minute Topographic Map

Order No. 23020700979

PARTNER

1953 *(1-1953)* Aerial Photo Year: 1950 *(2-1953)* Aerial Photo Year: 1950

Quadrangle(s): National City, CA(1-1953)
San Ysidro, CA(2-1953)

PARTNER

Order No. 23020700979

Source: USGS 7.5 Minute Topographic Map

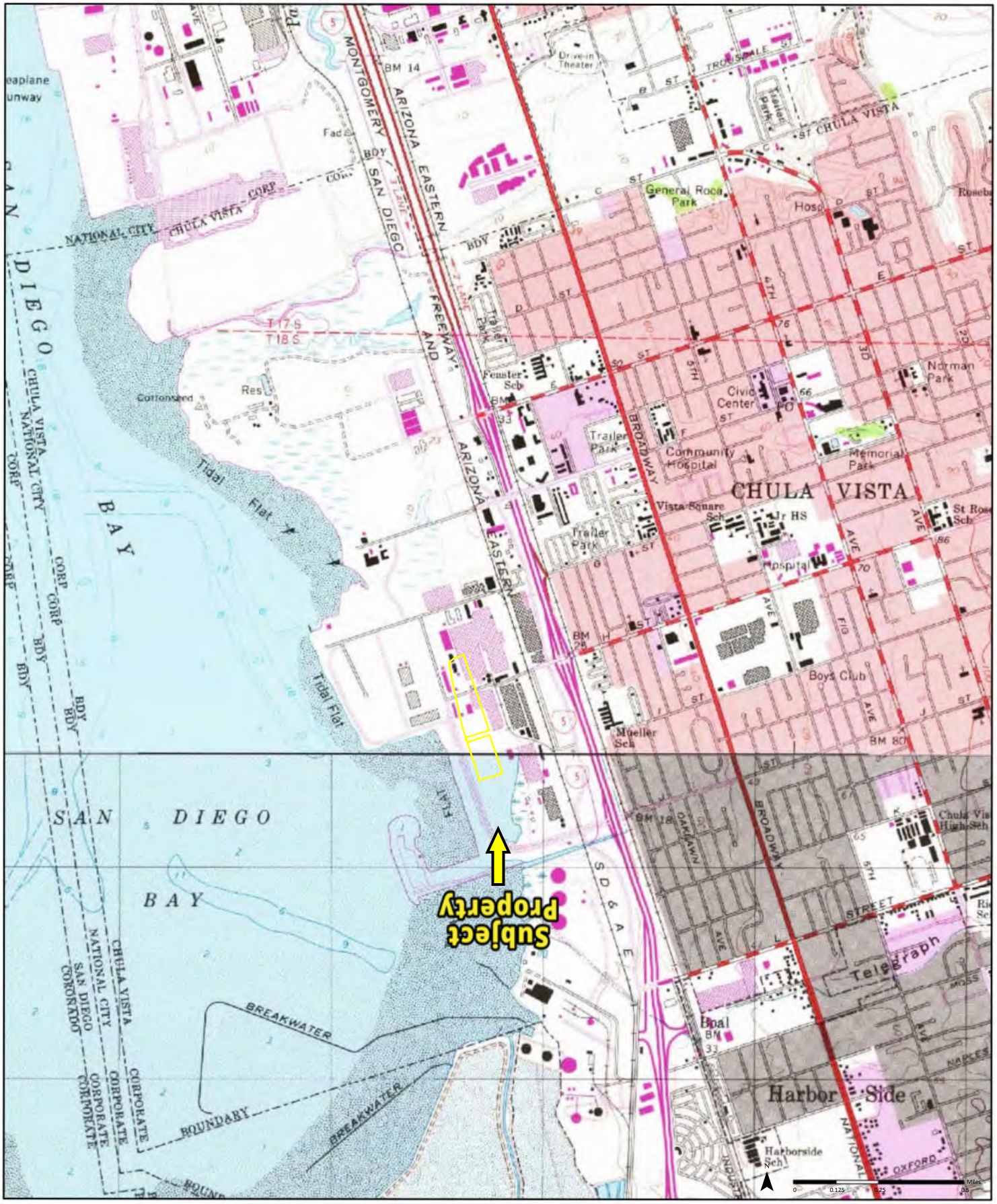
1967 (1-1967) *Aerial Photo Year: 1966* (2-1967) *Aerial Photo Year: 1966*

Quadrangle(s): National City, CA(2-1967)
Imperial Beach, CA(1-1967)

Order No. 23020700979

Source: USGS 7.5 Minute Topographic Map

PARTNER



1975

(1-1967) *Aerial Photo Year: 1966*

(2-1975) *Aerial Photo Year: 1975*
Photo Revision Year: 1975

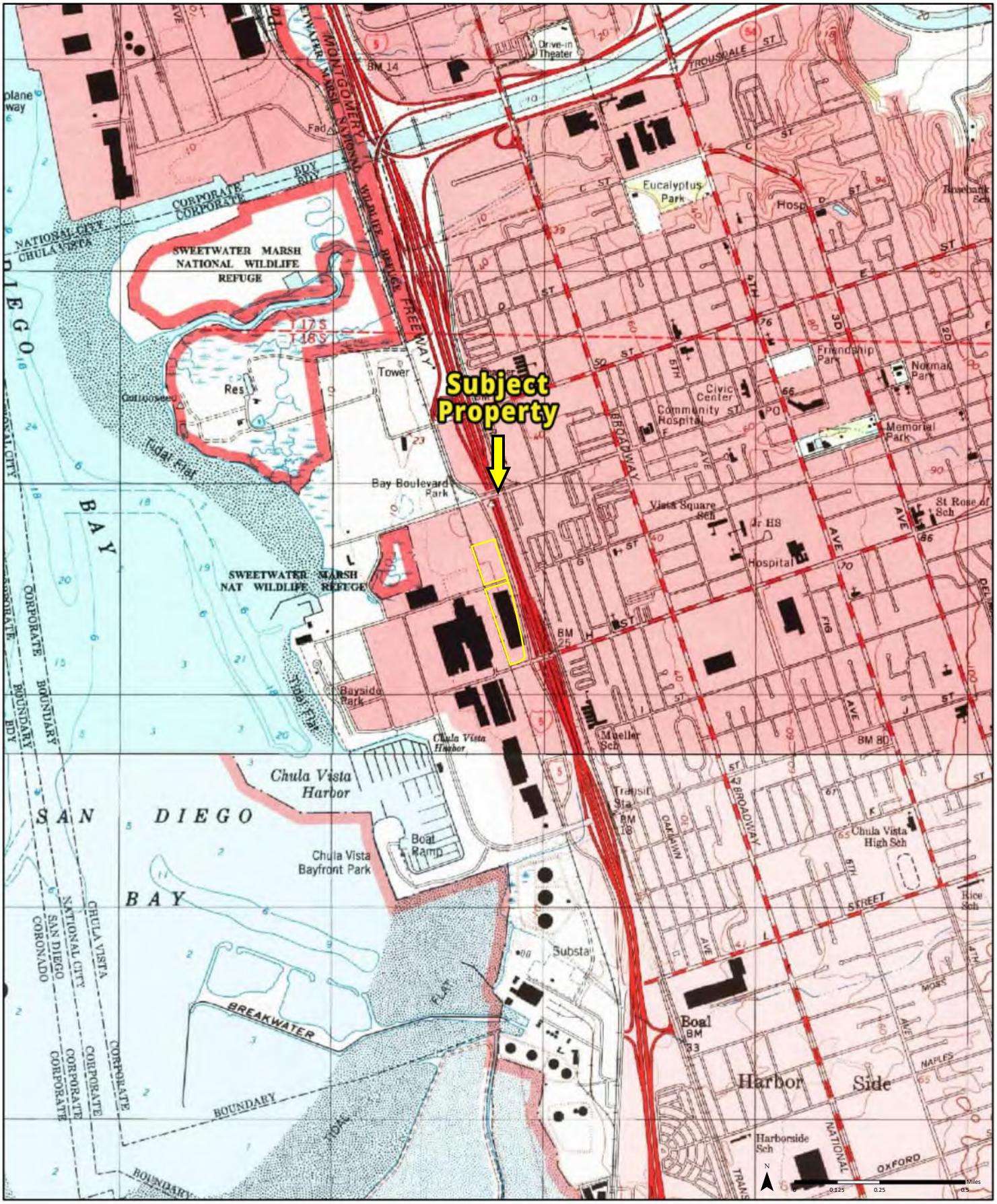
(3-1975) *Aerial Photo Year: 1975*
Photo Revision Year: 1975

Quadrangle(s): National City, CA(3-1975)
Imperial Beach, CA(1-1967)
Imperial Beach, CA(2-1975)

Source: USGS 7.5 Minute Topographic Map

Order No. 23020700979

PARTNER



1996 *(1-1967) Aerial Photo Year: 1966* *(2-1996) Aerial Photo Year: 1996* *(3-1996) Aerial Photo Year: 1996*

Quadrangle(s): National City, CA(2-1996)
Imperial Beach, CA(1-1967)
Imperial Beach, CA(3-1996)

Order No. 23020700979

Source: USGS 7.5 Minute Topographic Map

PARTNER

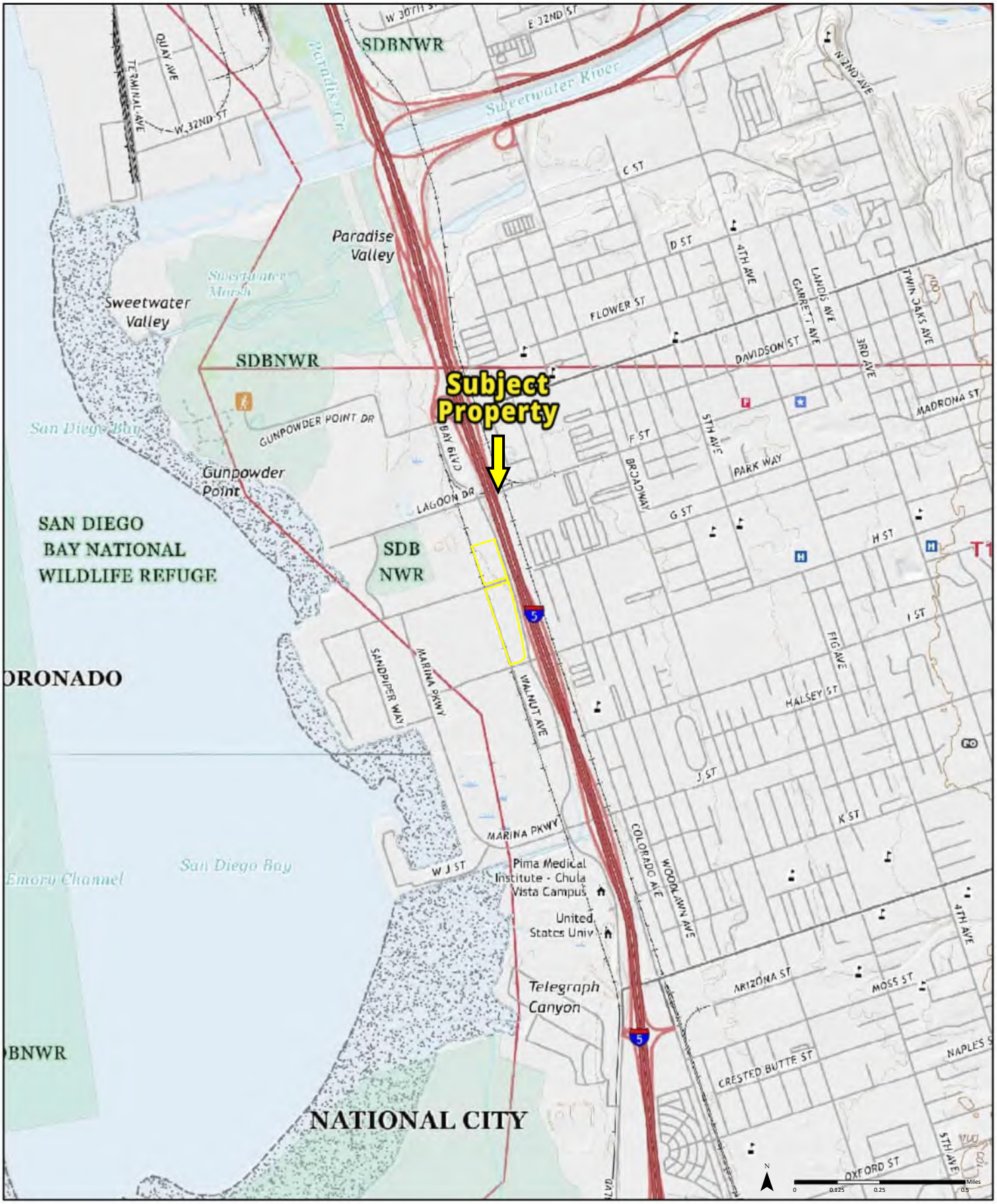
2015

Quadrangle(s): National City, CA
Imperial Beach, CA

Source: USGS 7.5 Minute Topographic Map

Order No. 23020700979

PARTNER



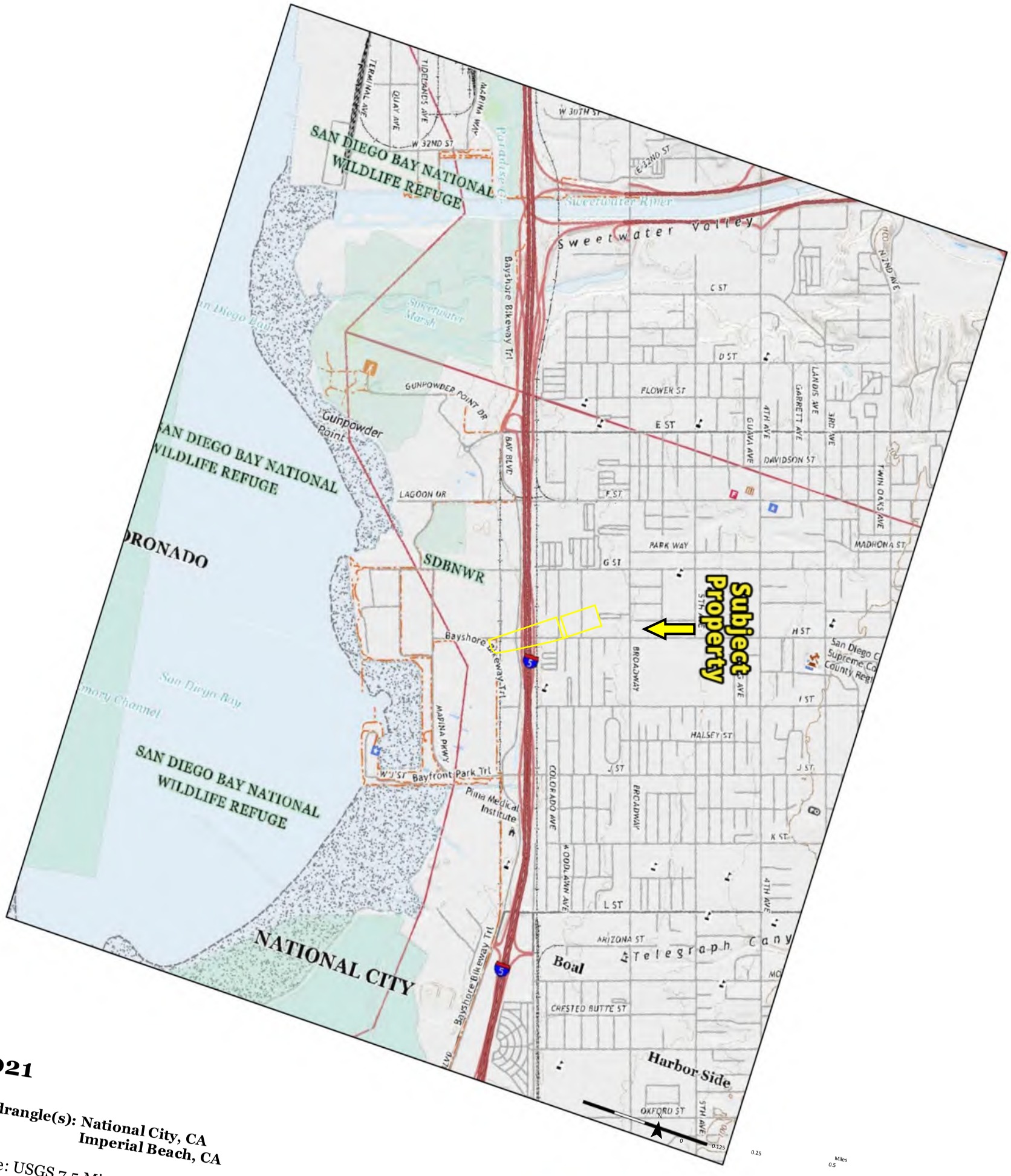
2018

Quadrangle(s): National City, CA
Imperial Beach, CA

Order No. 23020700979

Source: USGS 7.5 Minute Topographic Map

PARTNER



2021

Quadrangle(s): National City, CA
Imperial Beach, CA

Source: USGS 7.5 Minute Topographic Map

PARTNER

Order No. 23020700979

PERMIT #: LMWP-002368
A.P.N. #: 567-022-01, 28, 31, 35,
EST #: 2092900-RB

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
MONITORING WELL PROGRAM

BORING CONSTRUCTION PERMIT

SITE NAME: VACANT BAY BOULEVARD PROPERTIES

SITE ADDRESS: 0 BAY BOULEVARD, CHULA VISTA 91910

PERMIT FOR: ADVANCEMENT OF SIX SOIL BORINGS

PERMIT APPROVAL DATE: 6/17/2016

PERMIT EXPIRES ON: 10/15/2016

RESPONSIBLE PARTY: ROHR, INC. (Rick Siordia)

PERMIT CONDITIONS:

1. All borings must be sealed from the bottom of the boring to the ground surface with an approved sealing material as specified in California Well Standards Bulletin 74-90, Part III, Section 19.D. **Drill cuttings are not an acceptable fill material.**

2. All borings must be properly destroyed within 24 hours of drilling.

3. Placement of any sealing material at a depth greater than 30 feet must be done using the tremie method.

4. All water and soil resulting from the activities covered by this permit must be managed, stored and disposed of as specified in the SAM Manual in Section 5, II, D-4. In addition, drill cuttings must be properly handled and disposed in compliance with the Stormwater Best Management Practices of the local jurisdiction.

5. Within 60 days of completing work, submit a well construction report, including all well and/or boring logs and laboratory data to the Well Permit Desk. This report must include all items required by the SAM Manual, Section 5, Pages 6 & 7.

6. This office must be given 24-hour notice of any drilling activity on this site and advanced notification of drilling cancellation. Please contact the Well Permit Desk at (858) 505-6688.

NOTE: **This permit does not constitute approval of a work plan as defined in Section 2722 of Article 11 of C.C.R., Title 23. Work plans are required for all unauthorized release investigations in San Diego County.**

Jon Senaha
Digitally signed by Jon Senaha
DN: cn=Jon Senaha, o=DEH, ou=LWQ, email=jon.senaha@sdcounty.ca.gov, c=US
Date: 2016.06.17 14:06:40 -07'00'

APPROVED BY: _____ DATE: 6/17/2016

JON SENAHA

jss-6/14/2016

PERMIT APPLICATION GROUNDWATER AND VADOSE MONITORING WELLS AND EXPLORATORY OR TEST BORINGS

OFFICE USE ONLY
PERMIT LMWP# 002368
SAM CASE Y/N # RWQCB
DATE RECEIVED: 6/14/2016
FEE PAID: $445.00
CHECK # Online

A. RESPONSIBLE PARTY Rohr, Inc. E-mail Rick.Siordia@utas.utc.com
(The person, persons, or company responsible for the construction, maintenance, and destruction of the proposed borings and/or wells.)
Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910
Contact Person Rick Siordia Phone 619-788-9571 Ext.

B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE # RWQCB Case # 2092900

C. CONSULTING FIRM Haley & Aldrich, Inc.
Mailing Address 5333 Mission Center Road, Suite #300 City San Diego State CA Zip 92108
Registered Professional Robert K. Scott Phone 619-285-7141 Registration # 5334 (RCE, CEG, (PG))
E-mail BScott@haleyaldrich.com (Circle if applicable)
Contact Person [same] Phone Ext. Email

D. DRILLING COMPANY National EWP, Inc. C57# 953646
Contact Name Jeffrey O'Connor E-mail joconner@nationalewp.com
Mailing Address 5566 Arrow Hwy. City Montclair State CA Zip 91763
Phone 909-931-4014 Ext.

E. CONSTRUCTION INFORMATION

TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED

	#
☐ Groundwater	___
☐ Vadose	___
☒ Boring	6
☐ Other	___

NUMBER OF WELLS TO BE DESTROYED

☐ Destruction ___

MATERIALS TO BE USED

CASING
Not Applicable X
Type
Gauge
Diameter
Well Screen Size
Filter Pack

SEAL/BORING BACKFILL
☐ Neat Cement
☐ Cement & Bentonite
☐ Sand-Cement
☐ Bentonite
☐ Other
Borehole diameter

Drilling Method
☐ Auger
☒ Direct Push
☐ Other
☐ Air Rotary
☐ Sonic
☐ Percussion

PROPOSED CONSTRUCTION
Estimated Groundwater Depth: 14-18 ft.
Estimated Depth of Boring: 25 ft.
Concrete Seal: 0 to 3
Annular Seal: ___ to ___
Filter Pack: ___ to ___
Perforation: ___ to ___

NOTE: Attach a well construction diagram

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE Jeffrey P. O'Connor DATE 6/7/2016

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk (858) 505-6688 with a complete well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

PG/RCE/CEG SIGNATURE Robert K. Scott DATE June 7, 2016

F. SITE INFORMATION - A Property Owner Consent agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties. Submit a separate sheet for additional parcels.

1. **ASSESSOR'S PARCEL NUMBER** 567-022-01-00

Site Name Vacant Lot

Site Address 798 F Street City Chula Vista Zip 91910

PROPERTY OWNER Rohr Inc.

Phone _____ Ext. _____ Fax _____

Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910

NUMBER OF WELLS 3 **TYPE OF WELLS** Boring / hydropunch

2. **ASSESSOR'S PARCEL NUMBER** 567-022-35-00

Site Address 340 Bay Boulevard City Chula Vista Zip 91910

PROPERTY OWNER Rohr Inc

Phone _____ Ext. _____ Fax _____

Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910

NUMBER OF WELLS 1 **TYPE OF WELLS** Boring / hydro punch

G. QUESTIONNAIRE: Please answer all applicable questions completely *and submit any required supportive documentation.*

1. What is the purpose of the well/boring investigation?

☐ a. Part of an ongoing site assessment case in which a government regulator is the lead agency. If yes, indicate which government regulator is the lead agency and the case number.

_____ DEH _____ RWQCB _____ DTSC

☑ b. Part of a Phase I investigation for property ownership transfer.

☐ c. Geotechnical investigation for proposed construction or land stabilization.

☐ d. Other: _____

2. If wells are to be destroyed, provide a description of method of destruction _____

_____

_____

3. Are you proposing a variation from current SAM Manual Requirements for the construction or destruction of borings, Vadose and/or Groundwater Monitoring Wells? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines (www.sdcdeh.org). Yes ☐ No ☑

_____

_____

_____

F. SITE INFORMATION - A Property Owner Consent agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties. Submit a separate sheet for additional parcels.

1. **ASSESSOR'S PARCEL NUMBER** 567-022-31-00

Site Name Vacant Lot

Site Address 360 Bay Boulevard City Chula Vista Zip 91910

PROPERTY OWNER Rohr Inc.

Phone _____ Ext. _____ Fax _____

Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910

NUMBER OF WELLS 1 **TYPE OF WELLS** Boring / Hydropunch

2. **ASSESSOR'S PARCEL NUMBER** 567-022-28-00

Site Address 368 Bay Boulevard City Chula Vista Zip 91910

PROPERTY OWNER Rohr Inc.

Phone _____ Ext. _____ Fax _____

Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910

NUMBER OF WELLS 1 **TYPE OF WELLS** Boring / Hydropunch

G. QUESTIONNAIRE: Please answer all applicable questions completely *and submit any required supportive documentation.*

1. What is the purpose of the well/boring investigation?

☐ a. Part of an ongoing site assessment case in which a government regulator is the lead agency. If yes, indicate which government regulator is the lead agency and the case number.

_____ DEH _____ RWQCB _____ DTSC

☑ b. Part of a Phase I investigation for property ownership transfer.

☐ c. Geotechnical investigation for proposed construction or land stabilization.

☐ d. Other: _____

2. If wells are to be destroyed, provide a description of method of destruction _____

_____

_____

3. Are you proposing a variation from current SAM Manual Requirements for the construction or destruction of borings, Vadose and/or Groundwater Monitoring Wells? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines (www.sdcdeh.org). Yes ☐ No ☑

_____

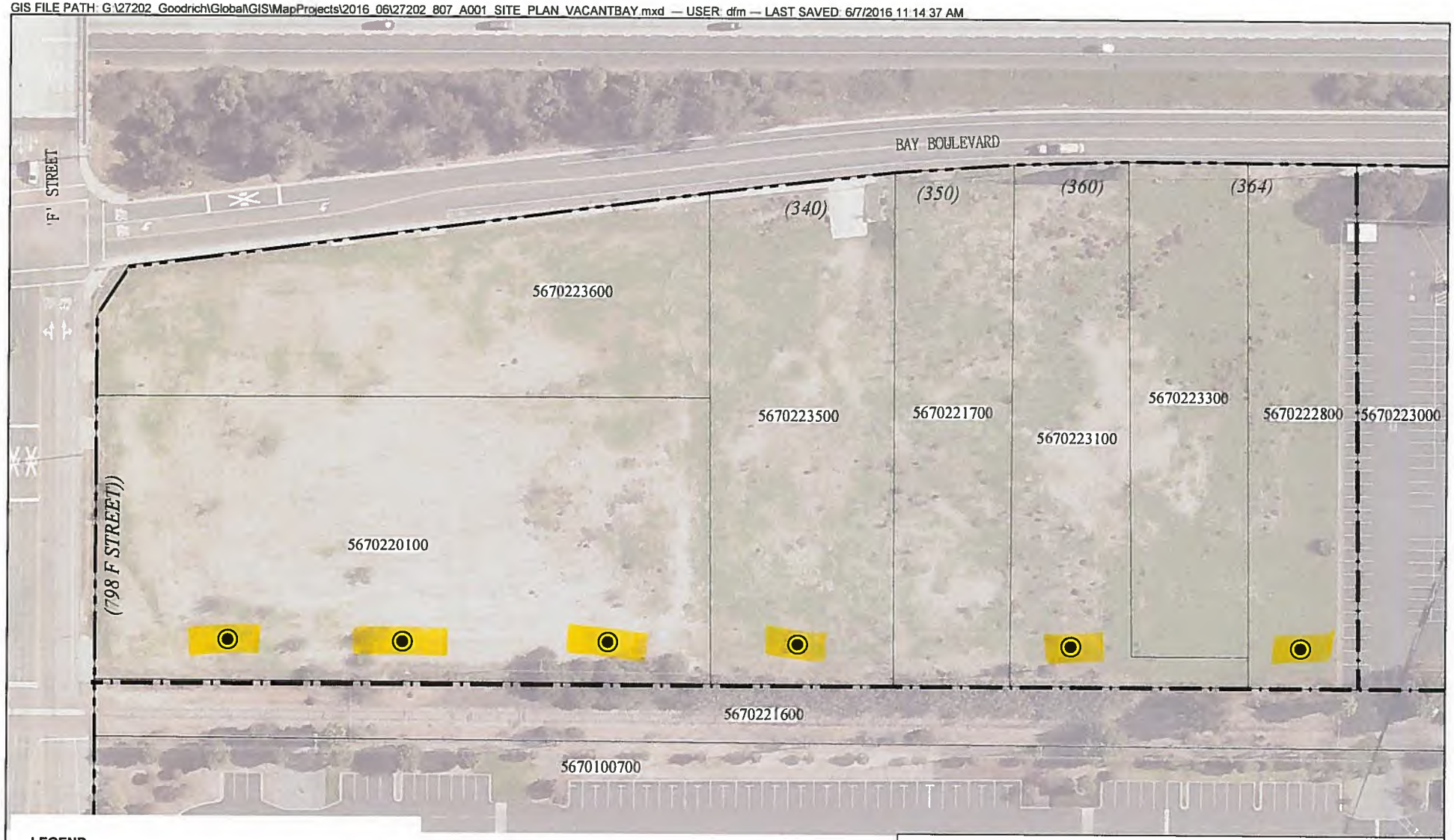
_____

_____

H. FEES

ACTIVITY	FEE SCHEDULE	AMOUNT
Permit for Well Installations Only (Groundwater Monitoring Wells, Vadose, Vapor Extraction Wells)	$200.00 for the first monitoring well	**$200.00**
Each Additional New Well	$161.00 for each additional well installation	___ x **$161.00**
New Well Inspection	$99.00 for first new well inspection	**$99.00**
	$30.00 for each additional new well inspection	___ x **$ 30.00**
Permit for Borings Only *(CPT's, Hydropunch, Geoprobes, Temporary Well Points, etc.)*	$200.00 for the first boring	1 x **$200.00** 200
	$49.00 for each additional boring	5 x **$ 49.00** 245
Permit for Well Destructions Only	$200.00 for the first destruction	___ x **$200.00** _____
	$123.00 for each additional destruction	___ x **$123.00** _____
Permit for any Combination of Well Installations, Borings, & Destructions ***(Except Enhanced Leak Detection)***	$200.00 for the first activity	___ x **$200.00** _____
	$161.00 for each additional well	___ x **$161.00** _____
	$99.00 for first well maintenance inspection	___ x **$ 99.00** _____
	$ 30.00 for each additional well maintenance inspection	___ x **$ 30.00** _____
	$123.00 for each well destruction	___ x **$123.00** _____
	$ 49.00 for each additional boring	___ x **$ 49.00** _____
Permit for Enhanced Leak Detection	**$320.00 (Flat Fee)**	$_____
	TOTAL COST OF PERMIT	$ 445

GIS FILE PATH: G:\27202_Goodrich\Global\GIS\MapProjects\2016_06\27202_807_A001_SITE_PLAN_VACANTBAY.mxd — USER: dfm — LAST SAVED: 6/7/2016 11:14:37 AM



LEGEND

- PROPOSED BORING WITH GROUNDWATER SAMPLE LOCATION
- 5670102900 CITY PARCEL BOUNDARY
- SUBJECT SITE(s)
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

(364) STREET ADDRESS

0 50 100
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A UTC AEROSPACE SYSTEMS COMPANY
NORTH CAMPUS
CHULA VISTA, CALIFORNIA

PROPOSED BORING LOCATIONS
VACANT BAY BLVD PROPERTIES

JUNE 2016

FIGURE 1

County of San Diego

JACK MILLER
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858)505-6688
www.sdcdeh.org

ELIZABETH POZZEBON
ASSISTANT DIRECTOR

PROPERTY OWNER CONSENT

Proposed locations for subsurface work:

Property Address:

798 F Street and 340, 360, 368 Bay Boulevard

Chula Vista, CA 91910

Assessor's Parcel Number (APN):

567-022-01-00, 567-022-31-00, 567-022-28-00

567-022-35-00

I, Kristin Escamilla, owner of the property/properties listed above, give my permission to Haley & Aldrich, Inc. (consulting company, contractor) to conduct the following work at the locations stated above.

☐ Install _____ monitoring wells ☐ Destroy _____ monitoring wells ☒ Drill 6 soil borings

I understand that Robert Scott (registered professional) of Haley & Aldrich, Inc. (consulting company) and an authorized signer for National EWP, Inc (drilling company) have submitted a signed application to the Department of Environmental Health in which they have agreed to complete the above-stated work according the requirements of the current SAM Manual, all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction. I have arranged with the Responsible Party, the person who causes to have monitoring wells/borings installed or existing wells destroyed on this property, to ensure proper closure of the monitoring wells/borings.

Property Owner Signature: Kristin Escamilla Date: 6/16/16

Print Name: Kristin Escamilla Title: GM

Company: Rohr, Inc., a UTC Aerospace Systems Company

Mailing Address: 850 Lagoon Dr., MZ 1-C, Chula Vista, CA 91910

HALEY ALDRICH

www.haleyaldrich.com

BORING COMPLETION REPORT
ROHR, INC.
VACANT BAY BOULEVARD PROPERTIES
300 BLOCK BAY BOULEVARD
ASSESSOR PARCEL NOS. 567-022-01-00, -35-00, -31-00, AND -28-00
CHULA VISTA, CALIFORNIA 91910
WELL PERMIT NO. LMWP-002368

by Haley & Aldrich, Inc.
San Diego, California

for Rohr, Inc., a UTC Aerospace Systems Company
Chula Vista, California

File No. 127827-002
December 2017

HALEY & ALDRICH, INC.
5333 Mission Center Road
Suite 300
San Diego, CA 92108
619.280.9210

6 December 2017
File No. 127827-002

County of San Diego
Department of Environmental Health
Site Assessment and Mitigation Program
P.O. Box 129261
San Diego, California 92112-9261

Attention: Monitoring Well Permit Clerk

Subject: Boring Completion Report
Rohr, Inc.
Vacant Bay Boulevard Properties
300 Block Bay Boulevard
Assessor Parcel Nos. 567-022-01-00, -35-00, -31-00 and -28-00
Chula Vista, California 91910
Well Permit No. LMWP-002368

Dear Well Permit Clerk:

On behalf of Rohr, Inc., Haley & Aldrich, Inc., is pleased to provide this boring completion report to the County of San Diego Department of Environmental Health (DEH) for soil borings advanced to the groundwater level on the above-referenced parcels in Chula Vista, California (Figures 1 and 2). The borings were drilled under well permit LMWP-002368 approved by the DEH on 17 June 2016.

The borings were drilled by National EWP, Inc., a C-57 licensed drilling company located in Montclair, California, using a direct-push sampling device (Geoprobe™). Boring logs with the required information as described in Site Assessment and Mitigation (SAM) are provided in Appendix A. Laboratory analytical results and chain of custody forms are provided in Appendix B.

At the completion of groundwater sampling, each boring was backfilled with granular bentonite, hydrated during placement and capped with either concrete or asphalt to match the existing grade. The table below provides a summary of the volume of materials used to backfill the borings.

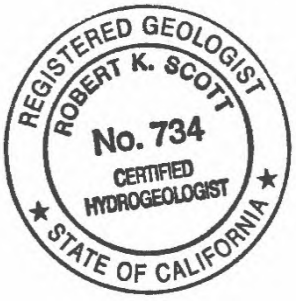
Boring ID	Total Depth (feet)	Volume of Backfill (cubic feet)
BB-01	25	2.2
BB-06	29.5	2.5
BB-08	25	2.2
BB-09	35	3.1
BB-11	25	2.2
BB-23	25	2.2

Should you have any questions, please contact the undersigned.

Sincerely yours,
HALEY & ALDRICH, INC.

Robert K. Scott

Robert K. Scott, P.G., C.Hg.
Senior Associate Hydrogeologist



Attachments:

Figure 1 – Site Locus
Figure 2 – Boring Location Map
Appendix A – Boring Logs
Appendix B –Laboratory Analytical Reports and Chain of Custody Forms

c: Rohr, Inc., Mr. Rick Siordia

\\haleyaldrich.com\share\sdg_common\43559_North Campus\011 to 016_Bay Blvd Phase I and II\Deliverables\Boring Completion Report\2017_1206_HAI_Vacant_Boring Completion Report_F.docx

G:\43559_North Campus\000_Global\GIS\Maps\2016_07\43559_023_0001_SITE_LOCUS.mxd

MAP SOURCE: ESRI
USGS QUAD: NATIONAL CITY, IMPERIAL BEACH
SITE COORDINATES: 32°38'03.8"N, 117°05'56.9"W

HALEY ALDRICH

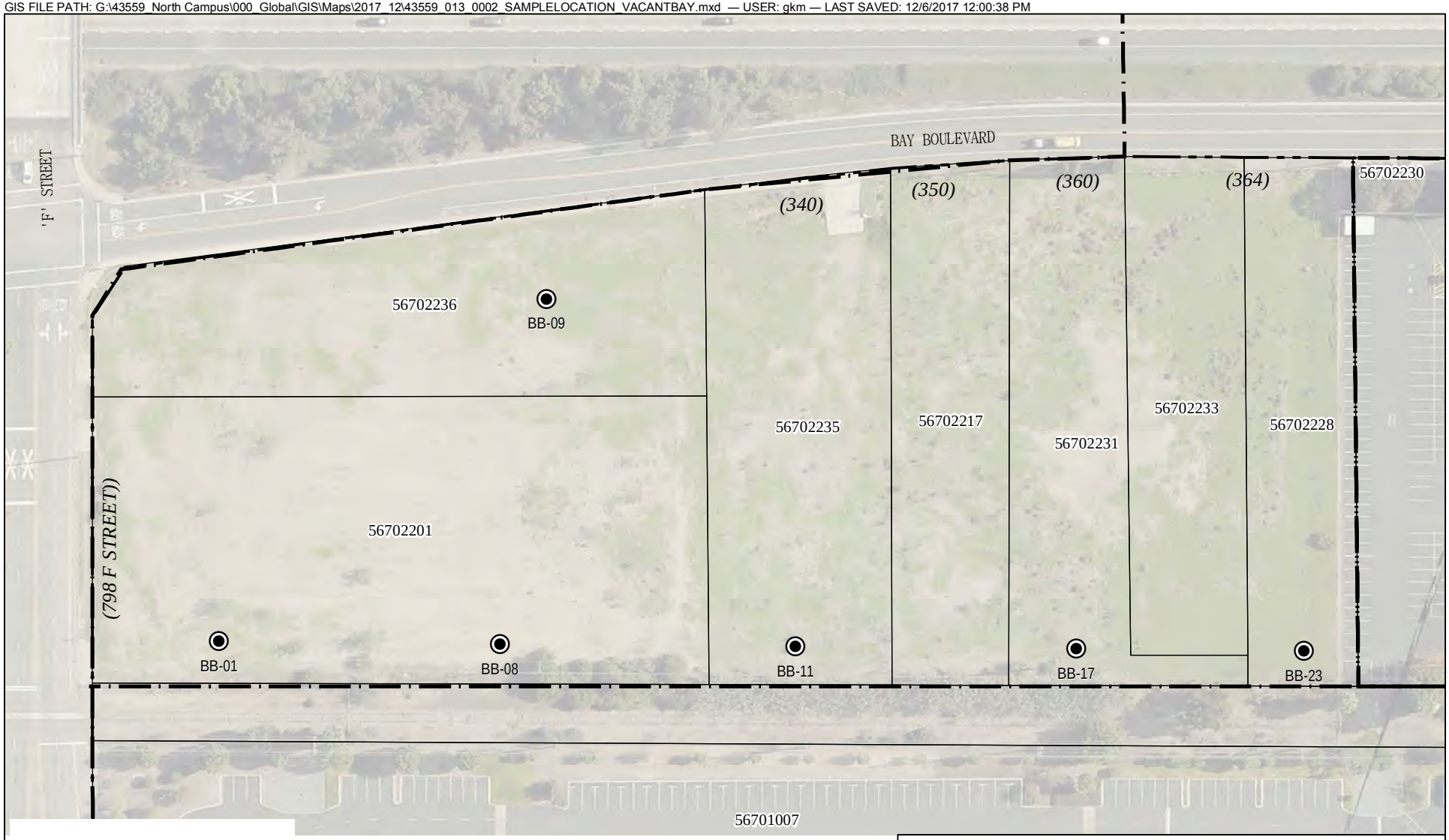
ROHR, INC., A UTC AEROSPACE SYSTEMS COMPANY
VACANT BAY BOULEVARD PROPERTIES
CHULA VISTA, CALIFORNIA

SITE LOCUS

APPROXIMATE SCALE: 1 IN = 2,000 FT
DECEMBER 2017

FIGURE 1

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2017_12\43559_013_0002_SAMPLELOCATION_VACANTBAY.mxd — USER: gkm — LAST SAVED: 12/6/2017 12:00:38 PM



LEGEND

- BORING LOCATION
- 5670102900 CITY PARCEL BOUNDARY
- SUBJECT SITE(s)
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

(364) STREET ADDRESS

N

0 50 100

SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A UTC AEROSPACE SYSTEMS COMPANY
VACANT BAY BOULEVARD PROPERTIES
CHULA VISTA, CALIFORNIA

BORING LOCATION MAP

DECEMBER 2017

FIGURE 2

APPENDIX A

Boring Logs

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-01

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 27, 2016
Finish June 27, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 22 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	48/60 BB-01-01	1			Yellowish gray silty fine to medium SAND, dry	ND
					-FILL-	
5	BB-01-05 60/60	5	17 5	SM	Olive brown silty fine SAND (SM), dry	ND
					-BAY POINT FORMATION-	
10	BB-01-10 60/60	10		SM	Olive brown silty fine to medium SAND (SM), dry	ND
15	60/60					
			5 17	SW	Olive brown fine to coarse SAND (SW), dry	ND
20					Note: Not logged.	
25	BB-01-GW	25			BOTTOM OF EXPLORATION 25 FT	
					Note: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. BB-01

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-06

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 27, 2016
Finish June 27, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 28 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	60/60 BB-06-01	1	28 1	SM	Grayish brown fine SAND, dry -FILL- Reddish brown silty fine SAND (SM), dry	
	BB-06-03	3			-BAY POINT FORMATION-	
5	60/60		23 5	SW	Olive brown fine to coarse SAND (SW), dry	0.3
			21 7	SP	Yellowish brown fine to medium SAND (SP), dry	
10	BB-06-10 60/60	10				0.5
15	60/60		13 15	SW	Olive brown fine to coarse SAND (SW), moist	0.3
20					Note: Not logged.	0.7
25					Note: Attempted to collect groundwater sample at 25 ft; no groundwater.	
					Note: Very hard drilling at 29.5 ft; no groundwater.	
					BOTTOM OF EXPLORATION 29.5 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 29.5
Samples 3

Boring No. BB-06

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-08

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 27, 2016
Finish June 27, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 25 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	36/60 BB-08-01	1			Yellowish gray silty fine SAND, dry	
			23 2		-FILL-	
	BB-08-03	3			Olive brown silty fine SAND, dry	
					-FILL-	1.1
			21 4	ML	Reddish brown sandy SILT (ML), dry	
5	60/60				-BAY POINT FORMATION-	
	BB-08-08	8	17 8	SM	Yellowish brown silty fine SAND (SM), odor, dry	25
10	BB-08-10 60/60	10	15 11	CL	Reddish brown sandy CLAY (CL), dry	1.7
15	60/60		10 15	SM	Olive brown silty fine SAND (SM), moist	
			8 17	SW	Olive brown fine to coarse SAND (SW), moist	
			7 19	SP	Olive brown fine to medium SAND (SP), moist	
20					Note: Not logged.	1.1
25	BB-08-GW	25			BOTTOM OF EXPLORATION 25 FT	
					Note: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 4

Boring No. BB-08

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

GEOPROBE REPORT

Boring No. BB-09

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 2
Start June 27, 2016
Finish June 27, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 26 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	60/60 BB-09-01	1	25 1	SW	Gray brown silty fine SAND, dry -FILL- Olive brown fine to coarse SAND (SW), dry	
	BB-09-04	4			-BAY POINT FORMATION-	0.2
5	60/60					
10	BB-09-10 60/60	10				0.4
			14 12	SM	Olive brown silty fine SAND (SM), dry	
15	60/60		11 15	SW	Olive brown fine to coarse SAND (SW), moist	0.6
			7 19	CL	Brown sandy CLAY (CL), moist	
20			6 20			0.6
25					Note: No groundwater at 25 ft.	
30					Note: No groundwater at 30 ft.	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 35
Samples 3

Boring No. BB-09

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-09
File No. 43559-023
Sheet No. 2 of 2

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
30						
35	BB-09-GW	35			BOTTOM OF EXPLORATION 35 FT Note: Backfilled with hydrated bentonite. Groundwater sample collected at 35 ft.	

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. BB-09

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-11

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 21 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	52/60 BB-11-01	1			Yellowish gray silty fine SAND, dry	
					-FILL-	
			19 2	CL	Reddish brown lean CLAY (CL), dry	0.4
	BB-11-03	3			-BAY POINT FORMATION-	
5	60/60		16 5	ML	Brown fine sandy SILT (ML), dry	
			14 7	SP	Brown fine SAND (SP), dry	0.6
10	BB-11-10 60/60	10				0.8
15	60/60		6 15	SW	Olive brown fine to coarse SAND (SW), moist	1.4
					becomes wet	
20					Note: Not logged.	
25	BB-11-GW	25			BOTTOM OF EXPLORATION 25 FT	
					Note: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. BB-11

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LI809-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

GEOPROBE REPORT

Boring No. BB-23

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 27, 2016
Finish June 27, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 17 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	48/60 BB-23-01	1	17 1	CL	Yellowish gray silty fine SAND, dry -FILL- Reddish brown CLAY (CL), dry -BAY POINT FORMATION-	
	BB-23-03	3				0.6
5	60/60		12 5	SM	Brown silty fine SAND (SM), dry	0.8
10	BB-23-10 60/60	10				
15	60/60		1 16	SP	Olive brown fine to medium SAND (SP), micaceous, wet	1.3 0.7
20					Note: Not logged.	
25	BB-23-GW	25			BOTTOM OF EXPLORATION 25 FT Note: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. BB-23

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LI809-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

APPENDIX B

Laboratory Analytical Reports and Chain of Custody Forms

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WORK ORDER NUMBER: 16-06-1934

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/12/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 16-06-1934

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Work Order Narrative

Work Order: 16-06-1934 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/27/16. They were assigned to Work Order 16-06-1934.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-06-1934

EPA Method 6010B Total Metals:

Project Required Detection Limit (PRDL):

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Silver, Selenium, Thallium and Zinc on 07/01/16.

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 6010B	
Batch #	Analytes(s)
160629S03	Antimony[3], Barium[3] and Vanadium[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

EPA Method 7470A Mercury:

Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 7470A	
Batch #	Analytes(s)
160706SA2	Mercury[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

EPA Method 8081A Semi-Volatile Organics:

Table C: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8081A	
Batch #	Analytes(s)
160701S03	4,4'-DDT[4]

4: The MS/MSD RPD was out of control due to suspected matrix interference.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

EPA Method 8260B Volatile Organics:

Initial Calibration:

The initial calibration (IC) was performed on 07/05/16 on GC/MS FFF. The percent RSDs in the continuing calibration was > 40% for 2-Chloroethyl Vinyl Ether and Iodomethane.

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tion:

The continuing calibration (CC) was performed on 07/05/16 on GC/MS FFF. The percent RSDs in the continuing calibration was > 40% for 2-Chloroethyl Vinyl Ether.

Table D: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160629S007	2-Chloro Vinyl Ether[3]
160629S002	n-Butylbenzene[3], Carbon Disulfide[3], Chloromethane[3], Dichlorodifluoromethane[3], 2,2-Dichloropropane[3,4] and Vinyl Acetate[3,4]
160701S002	Vinyl Acetate[3,4]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

4: The MS/MSD RPD was out of control due to suspected matrix interference.

Table E: Laboratory Control Sample (LCS) / LCS Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160629L007	Isobutyl Alcohol[ME]
160705L024	Bromomethane[ME], 2-Chloroethyl Vinyl Ether, Tetrachlorethene, and Iodomethane
160629L003	Dichlorodifluoromethane[ME],
160701L002	Chloroethane[ME] and Vinyl Chloride[ME]

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

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Sample Summary

Client: Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Work Order: 16-06-1934
Project Name: UTAS - Due Diligence / 43559
PO Number:
Date/Time Received: 06/27/16 19:35
Number of Containers: 32

Attn: Robert K. Scott

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-01-01	16-06-1934-1	06/27/16 10:00	1	Solid
BB-01-05	16-06-1934-2	06/27/16 10:03	1	Solid
BB-01-10	16-06-1934-3	06/27/16 10:05	1	Solid
BB-01-GW	16-06-1934-4	06/27/16 10:20	6	Aqueous
BB-04-01	16-06-1934-5	06/27/16 11:19	1	Solid
BB-04-03	16-06-1934-6	06/27/16 11:22	1	Solid
BB-04-10	16-06-1934-7	06/27/16 11:25	1	Solid
BB-02-01	16-06-1934-8	06/27/16 11:40	1	Solid
BB-02-02	16-06-1934-9	06/27/16 11:45	1	Solid
BB-02-10	16-06-1934-10	06/27/16 11:45	1	Solid
BB-05-01	16-06-1934-11	06/27/16 11:47	1	Solid
BB-05-02	16-06-1934-12	06/27/16 12:07	1	Solid
BB-05-10	16-06-1934-13	06/27/16 12:10	1	Solid
BB-07-01	16-06-1934-14	06/27/16 12:12	1	Solid
BB-07-03	16-06-1934-15	06/27/16 12:20	1	Solid
BB-07-10	16-06-1934-16	06/27/16 12:22	1	Solid
BB-10-01	16-06-1934-17	06/27/16 12:25	1	Solid
BB-10-03	16-06-1934-18	06/27/16 13:56	1	Solid
BB-10-10	16-06-1934-19	06/27/16 14:00	1	Solid
BB-07-06	16-06-1934-20	06/27/16 12:24	1	Solid
BB-08-01	16-06-1934-21	06/27/16 14:22	1	Solid
BB-08-03	16-06-1934-22	06/27/16 14:25	1	Solid
BB-08-10	16-06-1934-23	06/27/16 14:27	1	Solid
BB-08-GW	16-06-1934-24	06/27/16 14:30	1	Aqueous
BB-08-08	16-06-1934-25	06/27/16 14:26	1	Solid
BB-05-06	16-06-1934-26	06/27/16 12:11	1	Solid
BB-02-07	16-06-1934-27	06/27/16 11:46	1	Solid

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-1934
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/27/16
Attn:	Robert K. Scott		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-01-01 (16-06-1934-1)						
Moisture	4.4		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.74	B	0.732	mg/kg	EPA 6010B	EPA 3050B
Barium	73.5	B	0.488	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.251		0.244	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.349	J	0.132*	mg/kg	EPA 6010B	EPA 3050B
Chromium	16.4		0.244	mg/kg	EPA 6010B	EPA 3050B
Cobalt	7.29		0.244	mg/kg	EPA 6010B	EPA 3050B
Copper	11.3		0.488	mg/kg	EPA 6010B	EPA 3050B
Lead	5.37		0.488	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	64.6		0.244	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.72		0.244	mg/kg	EPA 6010B	EPA 3050B
Vanadium	46.1		0.244	mg/kg	EPA 6010B	EPA 3050B
Zinc	34.2	B	0.976	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00746	J	0.00597*	mg/kg	EPA 7471A	EPA 7471A Total
C19-C20	2.9	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C21-C22	5.3		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	3.9	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	8.5		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	24		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	14		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	11		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	70		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

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* MDL is shown

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Detections Summary

Client: Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Work Order: 16-06-1934
Project Name: UTAS - Due Diligence / 43559
Received: 06/27/16

Attn: Robert K. Scott

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-01-05 (16-06-1934-2)						
Moisture	11		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.35	B	0.754	mg/kg	EPA 6010B	EPA 3050B
Barium	80.7	B	0.503	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.305		0.251	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.274	J	0.136*	mg/kg	EPA 6010B	EPA 3050B
Chromium	18.7		0.251	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.19		0.251	mg/kg	EPA 6010B	EPA 3050B
Copper	12.0		0.503	mg/kg	EPA 6010B	EPA 3050B
Lead	3.11		0.503	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	6.25		0.251	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.29		0.251	mg/kg	EPA 6010B	EPA 3050B
Vanadium	56.9		0.251	mg/kg	EPA 6010B	EPA 3050B
Zinc	33.7	B	1.01	mg/kg	EPA 6010B	EPA 3050B
C21-C22	2.4	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	2.6	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	2.7	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	5.1		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	4.6	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	2.1	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	20		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
BB-01-GW (16-06-1934-4)						
Arsenic	0.00843	J	0.00438*	mg/L	EPA 6010B	EPA 3005A Filt.
Barium	0.106		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Cobalt	0.0110		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Copper	0.00681	J	0.00267*	mg/L	EPA 6010B	EPA 3005A Filt.
Molybdenum	0.227	B	0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Nickel	0.0285		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Selenium	0.0154		0.0150	mg/L	EPA 6010B	EPA 3005A Filt.
Silver	0.00163	J	0.00139*	mg/L	EPA 6010B	EPA 3005A Filt.
Vanadium	0.00382	J	0.00244*	mg/L	EPA 6010B	EPA 3005A Filt.
Zinc	0.0213		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Chloroform	0.89	J	0.86*	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethane	9.8		2.0	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.86	J	0.74*	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	7.2		2.0	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	3.2		2.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	1.1	J	0.86*	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	150		2.0	ug/L	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-1934
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/27/16
Attn:	Robert K. Scott		Page 3 of 15

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-04-01 (16-06-1934-5)						
Moisture	7.1	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	7.52	B	0.765	mg/kg	EPA 6010B	EPA 3050B
Barium	86.8	B	0.510	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.225	J	0.140*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.407	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Chromium	19.4		0.255	mg/kg	EPA 6010B	EPA 3050B
Cobalt	3.49		0.255	mg/kg	EPA 6010B	EPA 3050B
Copper	11.1		0.510	mg/kg	EPA 6010B	EPA 3050B
Lead	7.03		0.510	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	3.57		0.255	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.12		0.255	mg/kg	EPA 6010B	EPA 3050B
Silver	0.539		0.255	mg/kg	EPA 6010B	EPA 3050B
Vanadium	24.5		0.255	mg/kg	EPA 6010B	EPA 3050B
Zinc	39.9	B	1.02	mg/kg	EPA 6010B	EPA 3050B
C19-C20	15	J	6.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C21-C22	15	J	6.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	25	J	6.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	86		25	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	68		25	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	90		25	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	72		25	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	22	J	6.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	390		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
4,4'-DDE	58		25	ug/kg	EPA 8081A	EPA 3545
4,4'-DDT	2.7	J	2.2*	ug/kg	EPA 8081A	EPA 3545
Trichloroethene	0.36	J	0.31*	ug/kg	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-1934
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/27/16
Attn:	Robert K. Scott		Page 4 of 15

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-04-03 (16-06-1934-6)						
Moisture	9.5	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.91	B	0.739	mg/kg	EPA 6010B	EPA 3050B
Barium	50.2	B	0.493	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.174	J	0.135*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.609		0.493	mg/kg	EPA 6010B	EPA 3050B
Chromium	13.4		0.246	mg/kg	EPA 6010B	EPA 3050B
Cobalt	6.98		0.246	mg/kg	EPA 6010B	EPA 3050B
Copper	70.9		0.493	mg/kg	EPA 6010B	EPA 3050B
Lead	7.29		0.493	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	44.5		0.246	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.42		0.246	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.464	J	0.295*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	38.6		0.246	mg/kg	EPA 6010B	EPA 3050B
Zinc	173	B	0.985	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00725	J	0.00618*	mg/kg	EPA 7471A	EPA 7471A Total
C25-C28	3.1	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	11		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	12		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	9.2		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	36		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Trichloroethene	0.69	J	0.19*	ug/kg	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-1934
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/27/16
Attn:	Robert K. Scott		Page 5 of 15

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-02-01 (16-06-1934-8)						
Moisture	12	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	4.42	B	0.714	mg/kg	EPA 6010B	EPA 3050B
Barium	53.4	B	0.476	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.193	J	0.130*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.334	J	0.129*	mg/kg	EPA 6010B	EPA 3050B
Chromium	10.5		0.238	mg/kg	EPA 6010B	EPA 3050B
Cobalt	3.58		0.238	mg/kg	EPA 6010B	EPA 3050B
Copper	9.09		0.476	mg/kg	EPA 6010B	EPA 3050B
Lead	6.58		0.476	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	2.44		0.238	mg/kg	EPA 6010B	EPA 3050B
Nickel	4.36		0.238	mg/kg	EPA 6010B	EPA 3050B
Silver	0.137	J	0.0816*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	24.0		0.238	mg/kg	EPA 6010B	EPA 3050B
Zinc	31.8	B	0.952	mg/kg	EPA 6010B	EPA 3050B
C25-C28	54		25	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	55		25	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	49		25	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	160		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Acetone	22	J	6.2*	ug/kg	EPA 8260B	EPA 5030C
Methylene Chloride	4.2	J	1.3*	ug/kg	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-1934
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/27/16
Attn:	Robert K. Scott		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-02-02 (16-06-1934-9)						
Moisture	7.4	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.26	B	0.725	mg/kg	EPA 6010B	EPA 3050B
Barium	50.0	B	0.483	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.310		0.242	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.257	J	0.131*	mg/kg	EPA 6010B	EPA 3050B
Chromium	13.7		0.242	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.14		0.242	mg/kg	EPA 6010B	EPA 3050B
Copper	6.50		0.483	mg/kg	EPA 6010B	EPA 3050B
Lead	3.83		0.483	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.241	J	0.128*	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.65		0.242	mg/kg	EPA 6010B	EPA 3050B
Vanadium	43.9		0.242	mg/kg	EPA 6010B	EPA 3050B
Zinc	19.7	B	0.966	mg/kg	EPA 6010B	EPA 3050B
C21-C22	1.4	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	2.8	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	4.7	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	4.0	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	1.4	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	14		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

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Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-05-01 (16-06-1934-11)						
Moisture	8.3	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	7.41	B	0.750	mg/kg	EPA 6010B	EPA 3050B
Barium	72.8	B	0.500	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.234	J	0.137*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.525		0.500	mg/kg	EPA 6010B	EPA 3050B
Chromium	13.1		0.250	mg/kg	EPA 6010B	EPA 3050B
Cobalt	3.69		0.250	mg/kg	EPA 6010B	EPA 3050B
Copper	10.8		0.500	mg/kg	EPA 6010B	EPA 3050B
Lead	8.83		0.500	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	1.96		0.250	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.21		0.250	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.462	J	0.300*	mg/kg	EPA 6010B	EPA 3050B
Silver	0.362		0.250	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.261	J	0.152*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	25.3		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	61.1	B	1.00	mg/kg	EPA 6010B	EPA 3050B
C17-C18	11	J	6.1*	mg/kg	EPA 8015B (M)	EPA 3550B
C19-C20	29		25	mg/kg	EPA 8015B (M)	EPA 3550B
C21-C22	35		25	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	47		25	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	99		25	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	73		25	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	100		25	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	96		25	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	23	J	6.1*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	510		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

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Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-05-02 (16-06-1934-12)						
Moisture	14	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.22	B	0.781	mg/kg	EPA 6010B	EPA 3050B
Barium	65.9	B	0.521	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.342		0.260	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.271	J	0.141*	mg/kg	EPA 6010B	EPA 3050B
Chromium	15.7		0.260	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.34		0.260	mg/kg	EPA 6010B	EPA 3050B
Copper	6.95		0.521	mg/kg	EPA 6010B	EPA 3050B
Lead	4.04		0.521	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.33		0.260	mg/kg	EPA 6010B	EPA 3050B
Vanadium	49.5		0.260	mg/kg	EPA 6010B	EPA 3050B
Zinc	22.7	B	1.04	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00960	J	0.00568*	mg/kg	EPA 7471A	EPA 7471A Total
Trichloroethene	2.0	J	0.30*	ug/kg	EPA 8260B	EPA 5030C

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Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-07-01 (16-06-1934-14)						
Moisture	13	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	4.90	B	0.746	mg/kg	EPA 6010B	EPA 3050B
Barium	62.7	B	0.498	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.200	J	0.136*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.461	J	0.135*	mg/kg	EPA 6010B	EPA 3050B
Chromium	9.91		0.249	mg/kg	EPA 6010B	EPA 3050B
Cobalt	3.03		0.249	mg/kg	EPA 6010B	EPA 3050B
Copper	8.39		0.498	mg/kg	EPA 6010B	EPA 3050B
Lead	5.47		0.498	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	2.67		0.249	mg/kg	EPA 6010B	EPA 3050B
Nickel	4.45		0.249	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.390	J	0.298*	mg/kg	EPA 6010B	EPA 3050B
Silver	0.256		0.249	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.259	J	0.151*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	21.3		0.249	mg/kg	EPA 6010B	EPA 3050B
Zinc	51.2	B	0.995	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00924	J	0.00578*	mg/kg	EPA 7471A	EPA 7471A Total
C21-C22	11	J	6.1*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	66		25	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	53		25	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	220		25	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	200		25	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	190		25	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	740		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Acetone	26	J	6.0*	ug/kg	EPA 8260B	EPA 5030C
Methylene Chloride	4.3	J	1.3*	ug/kg	EPA 8260B	EPA 5030C
Benzo (b) Fluoranthene	13		10	ug/kg	EPA 8310	EPA 3545
Benzo (k) Fluoranthene	17		10	ug/kg	EPA 8310	EPA 3545

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Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-07-03 (16-06-1934-15)						
Moisture	11	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.03	B	0.728	mg/kg	EPA 6010B	EPA 3050B
Barium	71.4	B	0.485	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.333		0.243	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.296	J	0.131*	mg/kg	EPA 6010B	EPA 3050B
Chromium	16.2		0.243	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.89		0.243	mg/kg	EPA 6010B	EPA 3050B
Copper	8.54		0.485	mg/kg	EPA 6010B	EPA 3050B
Lead	5.07		0.485	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.457		0.243	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.90		0.243	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.751		0.728	mg/kg	EPA 6010B	EPA 3050B
Vanadium	53.7		0.243	mg/kg	EPA 6010B	EPA 3050B
Zinc	24.5	B	0.971	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00610	J	0.00568*	mg/kg	EPA 7471A	EPA 7471A Total
Trichloroethene	2.9	J	0.30*	ug/kg	EPA 8260B	EPA 5030C

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Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-10-01 (16-06-1934-17)						
Moisture	2.7	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	5.87	B	0.728	mg/kg	EPA 6010B	EPA 3050B
Barium	69.1	B	0.485	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.209	J	0.133*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	2.01		0.485	mg/kg	EPA 6010B	EPA 3050B
Chromium	45.1		0.243	mg/kg	EPA 6010B	EPA 3050B
Cobalt	8.29		0.243	mg/kg	EPA 6010B	EPA 3050B
Copper	96.3		0.485	mg/kg	EPA 6010B	EPA 3050B
Lead	442		0.485	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	5.18		0.243	mg/kg	EPA 6010B	EPA 3050B
Nickel	35.4		0.243	mg/kg	EPA 6010B	EPA 3050B
Selenium	1.01		0.728	mg/kg	EPA 6010B	EPA 3050B
Vanadium	27.1		0.243	mg/kg	EPA 6010B	EPA 3050B
Zinc	72.5	B	0.971	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00897	J	0.00597*	mg/kg	EPA 7471A	EPA 7471A Total
C25-C28	2.2	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	8.6		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	13		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	9.9		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	33		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
4,4'-DDE	3.8	J	2.2*	ug/kg	EPA 8081A	EPA 3545
Trichloroethene	0.60	J	0.31*	ug/kg	EPA 8260B	EPA 5030C

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Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-10-03 (16-06-1934-18)						
Moisture	7.1	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.10	B	0.761	mg/kg	EPA 6010B	EPA 3050B
Barium	66.8	B	0.508	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.393		0.254	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.389	J	0.137*	mg/kg	EPA 6010B	EPA 3050B
Chromium	20.4		0.254	mg/kg	EPA 6010B	EPA 3050B
Cobalt	11.4		0.254	mg/kg	EPA 6010B	EPA 3050B
Copper	8.99		0.508	mg/kg	EPA 6010B	EPA 3050B
Lead	6.30		0.508	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.192	J	0.134*	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.43		0.254	mg/kg	EPA 6010B	EPA 3050B
Vanadium	63.1		0.254	mg/kg	EPA 6010B	EPA 3050B
Zinc	27.3	B	1.02	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0123	J	0.00607*	mg/kg	EPA 7471A	EPA 7471A Total
C21-C22	1.4	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	1.5	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	1.8	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	2.1	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	6.8		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Trichloroethene	3.0	J	0.30*	ug/kg	EPA 8260B	EPA 5030C

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Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-08-01 (16-06-1934-21)						
Moisture	4.0	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	6.79	B	0.754	mg/kg	EPA 6010B	EPA 3050B
Barium	73.1	B	0.503	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.217	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.455	J	0.136*	mg/kg	EPA 6010B	EPA 3050B
Chromium	18.0		0.251	mg/kg	EPA 6010B	EPA 3050B
Cobalt	3.57		0.251	mg/kg	EPA 6010B	EPA 3050B
Copper	13.9		0.503	mg/kg	EPA 6010B	EPA 3050B
Lead	11.3		0.503	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	4.15		0.251	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.72		0.251	mg/kg	EPA 6010B	EPA 3050B
Silver	0.435		0.251	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.300	J	0.152*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	25.2		0.251	mg/kg	EPA 6010B	EPA 3050B
Zinc	55.2	B	1.01	mg/kg	EPA 6010B	EPA 3050B
C17-C18	2.4	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C19-C20	14		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C21-C22	15		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	29		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	83		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	67		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	84		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	99		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	61		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	460		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Aroclor-1260	33	J	30*	ug/kg	EPA 8082	EPA 3545
Acetone	9.0	J	6.6*	ug/kg	EPA 8260B	EPA 5030C

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BB-08-03 (16-06-1934-22)						
Moisture	11	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	3.83	B	0.739	mg/kg	EPA 6010B	EPA 3050B
Barium	43.4	B	0.493	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.170	J	0.135*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.220	J	0.133*	mg/kg	EPA 6010B	EPA 3050B
Chromium	10.6		0.246	mg/kg	EPA 6010B	EPA 3050B
Cobalt	4.48		0.246	mg/kg	EPA 6010B	EPA 3050B
Copper	3.54		0.493	mg/kg	EPA 6010B	EPA 3050B
Lead	1.95		0.493	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.626		0.246	mg/kg	EPA 6010B	EPA 3050B
Nickel	4.06		0.246	mg/kg	EPA 6010B	EPA 3050B
Vanadium	58.7		0.246	mg/kg	EPA 6010B	EPA 3050B
Zinc	23.1	B	0.985	mg/kg	EPA 6010B	EPA 3050B
C25-C28	1.4	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	2.0	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	3.3	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
BB-08-GW (16-06-1934-24)						
Arsenic	0.00922	J	0.00438*	mg/L	EPA 6010B	EPA 3005A Filt.
Barium	0.0868		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Cobalt	0.00388	J	0.00295*	mg/L	EPA 6010B	EPA 3005A Filt.
Copper	0.00686	J	0.00267*	mg/L	EPA 6010B	EPA 3005A Filt.
Molybdenum	0.941	B	0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Nickel	0.0232		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Zinc	0.0142		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Mercury	0.000303	J	0.0000453*	mg/L	EPA 7470A	EPA 7470A Total
Chloroform	1.1	J	0.86*	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethane	22		2.0	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	9.7		2.0	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	11		2.0	ug/L	EPA 8260B	EPA 5030C
t-1,2-Dichloroethene	1.3	J	1.0*	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	200		5.0	ug/L	EPA 8260B	EPA 5030C

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Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-08-08 (16-06-1934-25)						
Moisture	10	BU	0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.35	B	0.725	mg/kg	EPA 6010B	EPA 3050B
Barium	97.6	B	0.483	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.244		0.242	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.284	J	0.131*	mg/kg	EPA 6010B	EPA 3050B
Chromium	17.9		0.242	mg/kg	EPA 6010B	EPA 3050B
Cobalt	6.32		0.242	mg/kg	EPA 6010B	EPA 3050B
Copper	8.88		0.483	mg/kg	EPA 6010B	EPA 3050B
Lead	2.63		0.483	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.59		0.242	mg/kg	EPA 6010B	EPA 3050B
Selenium	1.07		0.725	mg/kg	EPA 6010B	EPA 3050B
Vanadium	61.7		0.242	mg/kg	EPA 6010B	EPA 3050B
Zinc	27.7	B	0.966	mg/kg	EPA 6010B	EPA 3050B
n-Butylbenzene	0.44	J	0.16*	ug/kg	EPA 8260B	EPA 5030C
Naphthalene	0.93	J	0.81*	ug/kg	EPA 8260B	EPA 5030C
Trichloroethene	1.2	J	0.30*	ug/kg	EPA 8260B	EPA 5030C
1,2,4-Trimethylbenzene	2.7	J	0.58*	ug/kg	EPA 8260B	EPA 5030C
1,3,5-Trimethylbenzene	0.71	J	0.55*	ug/kg	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-01	**16-06-1934-1-AA**	**06/27/16 10:00**	**Solid**	**HPLC 5**	**07/01/16**	**07/05/16 19:45**	**160701L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	2.9	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	50	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-01	**16-06-1934-14-AA**	**06/27/16 12:12**	**Solid**	**HPLC 5**	**07/01/16**	**07/05/16 20:17**	**160701L20**

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	15	1.00	
Acenaphthylene	ND	30	1.00	
Acenaphthene	ND	15	1.00	
Fluorene	ND	10	1.00	
Phenanthrene	ND	10	1.00	
Anthracene	ND	10	1.00	
Fluoranthene	ND	10	1.00	
Pyrene	ND	10	1.00	
Benzo (a) Anthracene	ND	10	1.00	
Chrysene	ND	10	1.00	
Benzo (b) Fluoranthene	13	10	1.00	
Benzo (k) Fluoranthene	17	10	1.00	
Benzo (a) Pyrene	ND	10	1.00	
Dibenz (a,h) Anthracene	ND	10	1.00	
Benzo (g,h,i) Perylene	ND	10	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	90	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-01	**16-06-1934-21-AA**	**06/27/16 14:22**	**Solid**	**HPLC 5**	**07/01/16**	**07/05/16 20:50**	**160701L20**

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	15	1.00	
Acenaphthylene	ND	30	1.00	
Acenaphthene	ND	15	1.00	
Fluorene	ND	10	1.00	
Phenanthrene	ND	10	1.00	
Anthracene	ND	10	1.00	
Fluoranthene	ND	10	1.00	
Pyrene	ND	10	1.00	
Benzo (a) Anthracene	ND	10	1.00	
Chrysene	ND	10	1.00	
Benzo (b) Fluoranthene	ND	10	1.00	
Benzo (k) Fluoranthene	ND	10	1.00	
Benzo (a) Pyrene	ND	10	1.00	
Dibenz (a,h) Anthracene	ND	10	1.00	
Benzo (g,h,i) Perylene	ND	10	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	78	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1878**	**N/A**	**Solid**	**HPLC 5**	**07/01/16**	**07/05/16 15:57**	**160701L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	88	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-01	**16-06-1934-1-AA**	**06/27/16 10:00**	**Solid**	**N/A**	**06/28/16**	**06/28/16 23:00**	**G0628MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	4.4	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-05	**16-06-1934-2-AA**	**06/27/16 10:03**	**Solid**	**N/A**	**06/28/16**	**06/28/16 23:00**	**G0628MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-01	**16-06-1934-5-AA**	**06/27/16 11:19**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	7.1	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-03	**16-06-1934-6-AA**	**06/27/16 11:22**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	9.5	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-01	**16-06-1934-8-AA**	**06/27/16 11:40**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	12	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-02	**16-06-1934-9-AA**	**06/27/16 11:45**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	7.4	0.10	0.10	1.00	BU

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-01	**16-06-1934-11-AA**	**06/27/16 11:47**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	8.3	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-02	**16-06-1934-12-AA**	**06/27/16 12:07**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	14	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-01	**16-06-1934-14-AA**	**06/27/16 12:12**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	13	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-03	**16-06-1934-15-AA**	**06/27/16 12:20**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-01	**16-06-1934-17-AA**	**06/27/16 12:25**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	2.7	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-03	**16-06-1934-18-AA**	**06/27/16 13:56**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	7.1	0.10	0.10	1.00	BU

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-01	**16-06-1934-21-AA**	**06/27/16 14:22**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	4.0	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-03	**16-06-1934-22-AA**	**06/27/16 14:25**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-08	**16-06-1934-25-AA**	**06/27/16 14:26**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	10	0.10	0.10	1.00	BU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6072**	**N/A**	**Solid**	**N/A**	**06/28/16**	**06/28/16 23:00**	**G0628MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6102**	**N/A**	**Solid**	**N/A**	**07/11/16**	**07/11/16 12:00**	**G0711MIB1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-01	**16-06-1934-1-AA**	**06/27/16 10:00**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 16:29**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	2.9	5.0	1.2	1.00	J
C21-C22	5.3	5.0	1.2	1.00	
C23-C24	3.9	5.0	1.2	1.00	J
C25-C28	8.5	5.0	1.2	1.00	
C29-C32	24	5.0	1.2	1.00	
C33-C36	14	5.0	1.2	1.00	
C37-C40	11	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	70	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-05	**16-06-1934-2-AA**	**06/27/16 10:03**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 16:45**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	2.4	4.9	1.2	1.00	J
C23-C24	2.6	4.9	1.2	1.00	J
C25-C28	2.7	4.9	1.2	1.00	J
C29-C32	5.1	4.9	1.2	1.00	
C33-C36	4.6	4.9	1.2	1.00	J
C37-C40	2.1	4.9	1.2	1.00	J
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	20	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	78	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-01	**16-06-1934-5-AA**	**06/27/16 11:19**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 17:00**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	25	6.3	5.00	
C7	ND	25	6.3	5.00	
C8	ND	25	6.3	5.00	
C9-C10	ND	25	6.3	5.00	
C11-C12	ND	25	6.3	5.00	
C13-C14	ND	25	6.3	5.00	
C15-C16	ND	25	6.3	5.00	
C17-C18	ND	25	6.3	5.00	
C19-C20	15	25	6.3	5.00	J
C21-C22	15	25	6.3	5.00	J
C23-C24	25	25	6.3	5.00	J
C25-C28	86	25	6.3	5.00	
C29-C32	68	25	6.3	5.00	
C33-C36	90	25	6.3	5.00	
C37-C40	72	25	6.3	5.00	
C41-C44	22	25	6.3	5.00	J
C6-C44 Total	390	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	91	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-03	**16-06-1934-6-AA**	**06/27/16 11:22**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 17:16**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	3.1	5.0	1.3	1.00	J
C29-C32	11	5.0	1.3	1.00	
C33-C36	12	5.0	1.3	1.00	
C37-C40	9.2	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	36	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-01	**16-06-1934-8-AA**	**06/27/16 11:40**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 17:31**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	25	6.3	5.00	
C7	ND	25	6.3	5.00	
C8	ND	25	6.3	5.00	
C9-C10	ND	25	6.3	5.00	
C11-C12	ND	25	6.3	5.00	
C13-C14	ND	25	6.3	5.00	
C15-C16	ND	25	6.3	5.00	
C17-C18	ND	25	6.3	5.00	
C19-C20	ND	25	6.3	5.00	
C21-C22	ND	25	6.3	5.00	
C23-C24	ND	25	6.3	5.00	
C25-C28	54	25	6.3	5.00	
C29-C32	ND	25	6.3	5.00	
C33-C36	55	25	6.3	5.00	
C37-C40	49	25	6.3	5.00	
C41-C44	ND	25	6.3	5.00	
C6-C44 Total	160	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	87	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-02	**16-06-1934-9-AA**	**06/27/16 11:45**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 15:12**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	1.4	5.0	1.3	1.00	J
C23-C24	2.8	5.0	1.3	1.00	J
C25-C28	4.7	5.0	1.3	1.00	J
C29-C32	4.0	5.0	1.3	1.00	J
C33-C36	1.4	5.0	1.3	1.00	J
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	14	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	88	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-01	**16-06-1934-11-AA**	**06/27/16 11:47**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 17:46**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	25	6.1	5.00	
C7	ND	25	6.1	5.00	
C8	ND	25	6.1	5.00	
C9-C10	ND	25	6.1	5.00	
C11-C12	ND	25	6.1	5.00	
C13-C14	ND	25	6.1	5.00	
C15-C16	ND	25	6.1	5.00	
C17-C18	11	25	6.1	5.00	J
C19-C20	29	25	6.1	5.00	
C21-C22	35	25	6.1	5.00	
C23-C24	47	25	6.1	5.00	
C25-C28	99	25	6.1	5.00	
C29-C32	73	25	6.1	5.00	
C33-C36	100	25	6.1	5.00	
C37-C40	96	25	6.1	5.00	
C41-C44	23	25	6.1	5.00	J
C6-C44 Total	510	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	87	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-02	**16-06-1934-12-AA**	**06/27/16 12:07**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 15:28**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	82	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-01	**16-06-1934-14-AA**	**06/27/16 12:12**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 20:21**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	25	6.1	5.00	
C7	ND	25	6.1	5.00	
C8	ND	25	6.1	5.00	
C9-C10	ND	25	6.1	5.00	
C11-C12	ND	25	6.1	5.00	
C13-C14	ND	25	6.1	5.00	
C15-C16	ND	25	6.1	5.00	
C17-C18	ND	25	6.1	5.00	
C19-C20	ND	25	6.1	5.00	
C21-C22	11	25	6.1	5.00	J
C23-C24	ND	25	6.1	5.00	
C25-C28	66	25	6.1	5.00	
C29-C32	53	25	6.1	5.00	
C33-C36	220	25	6.1	5.00	
C37-C40	200	25	6.1	5.00	
C41-C44	190	25	6.1	5.00	
C6-C44 Total	740	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	83	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-03	**16-06-1934-15-A**	**06/27/16 12:20**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 19:19**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	ND	5.0	1.2	1.00	
C21-C22	ND	5.0	1.2	1.00	
C23-C24	ND	5.0	1.2	1.00	
C25-C28	ND	5.0	1.2	1.00	
C29-C32	ND	5.0	1.2	1.00	
C33-C36	ND	5.0	1.2	1.00	
C37-C40	ND	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	81	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-01	**16-06-1934-17-A**	**06/27/16 12:25**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 19:50**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	2.2	5.0	1.3	1.00	J
C29-C32	8.6	5.0	1.3	1.00	
C33-C36	13	5.0	1.3	1.00	
C37-C40	9.9	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	33	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	91	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-03	**16-06-1934-18-A**	**06/27/16 13:56**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 19:34**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	1.4	4.9	1.2	1.00	J
C23-C24	1.5	4.9	1.2	1.00	J
C25-C28	1.8	4.9	1.2	1.00	J
C29-C32	2.1	4.9	1.2	1.00	J
C33-C36	ND	4.9	1.2	1.00	
C37-C40	ND	4.9	1.2	1.00	
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	6.8	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	71	61-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-01	**16-06-1934-21-AA**	**06/27/16 14:22**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 20:05**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	2.4	5.0	1.3	1.00	J
C19-C20	14	5.0	1.3	1.00	
C21-C22	15	5.0	1.3	1.00	
C23-C24	29	5.0	1.3	1.00	
C25-C28	83	5.0	1.3	1.00	
C29-C32	67	5.0	1.3	1.00	
C33-C36	84	5.0	1.3	1.00	
C37-C40	99	5.0	1.3	1.00	
C41-C44	61	5.0	1.3	1.00	
C6-C44 Total	460	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	78	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-03	**16-06-1934-22-AA**	**06/27/16 14:25**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 15:43**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	1.4	5.0	1.3	1.00	J
C29-C32	2.0	5.0	1.3	1.00	J
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	3.3	5.0	1.3	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	89	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-08	**16-06-1934-25-AA**	**06/27/16 14:26**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 15:58**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	78	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2142**	**N/A**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 13:40**	**160629B01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	98	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-01	**16-06-1934-1-AA**	**06/27/16 10:00**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:27**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.732	0.145	0.976	
Arsenic	2.74	0.732	0.253	0.976	B
Barium	73.5	0.488	0.151	0.976	B
Beryllium	0.251	0.244	0.134	0.976	
Cadmium	0.349	0.488	0.132	0.976	J
Chromium	16.4	0.244	0.139	0.976	
Cobalt	7.29	0.244	0.144	0.976	
Copper	11.3	0.488	0.131	0.976	
Lead	5.37	0.488	0.128	0.976	
Molybdenum	64.6	0.244	0.129	0.976	
Nickel	6.72	0.244	0.141	0.976	
Selenium	ND	0.732	0.292	0.976	
Silver	ND	0.244	0.0836	0.976	
Thallium	ND	0.732	0.148	0.976	
Vanadium	46.1	0.244	0.138	0.976	
Zinc	34.2	0.976	0.173	0.976	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-05	**16-06-1934-2-AA**	**06/27/16 10:03**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:29**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.754	0.150	1.01	
Arsenic	1.35	0.754	0.260	1.01	B
Barium	80.7	0.503	0.155	1.01	B
Beryllium	0.305	0.251	0.138	1.01	
Cadmium	0.274	0.503	0.136	1.01	J
Chromium	18.7	0.251	0.143	1.01	
Cobalt	9.19	0.251	0.149	1.01	
Copper	12.0	0.503	0.135	1.01	
Lead	3.11	0.503	0.132	1.01	
Molybdenum	6.25	0.251	0.133	1.01	
Nickel	7.29	0.251	0.145	1.01	
Selenium	ND	0.754	0.301	1.01	
Silver	ND	0.251	0.0861	1.01	
Thallium	ND	0.754	0.152	1.01	
Vanadium	56.9	0.251	0.142	1.01	
Zinc	33.7	1.01	0.178	1.01	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-01	**16-06-1934-5-AA**	**06/27/16 11:19**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:30**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	7.52	0.765	0.264	1.02	B
Barium	86.8	0.510	0.158	1.02	B
Beryllium	0.225	0.255	0.140	1.02	J
Cadmium	0.407	0.510	0.138	1.02	J
Chromium	19.4	0.255	0.145	1.02	
Cobalt	3.49	0.255	0.151	1.02	
Copper	11.1	0.510	0.137	1.02	
Lead	7.03	0.510	0.134	1.02	
Molybdenum	3.57	0.255	0.135	1.02	
Nickel	6.12	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	0.539	0.255	0.0875	1.02	
Thallium	ND	0.765	0.155	1.02	
Vanadium	24.5	0.255	0.144	1.02	
Zinc	39.9	1.02	0.181	1.02	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-03	**16-06-1934-6-AA**	**06/27/16 11:22**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:31**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.739	0.147	0.985	
Arsenic	1.91	0.739	0.255	0.985	B
Barium	50.2	0.493	0.152	0.985	B
Beryllium	0.174	0.246	0.135	0.985	J
Cadmium	0.609	0.493	0.133	0.985	
Chromium	13.4	0.246	0.140	0.985	
Cobalt	6.98	0.246	0.146	0.985	
Copper	70.9	0.493	0.133	0.985	
Lead	7.29	0.493	0.130	0.985	
Molybdenum	44.5	0.246	0.130	0.985	
Nickel	7.42	0.246	0.143	0.985	
Selenium	0.464	0.739	0.295	0.985	J
Silver	ND	0.246	0.0844	0.985	
Thallium	ND	0.739	0.149	0.985	
Vanadium	38.6	0.246	0.139	0.985	
Zinc	173	0.985	0.175	0.985	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-01	**16-06-1934-8-AA**	**06/27/16 11:40**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:35**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.714	0.142	0.952	
Arsenic	4.42	0.714	0.247	0.952	B
Barium	53.4	0.476	0.147	0.952	B
Beryllium	0.193	0.238	0.130	0.952	J
Cadmium	0.334	0.476	0.129	0.952	J
Chromium	10.5	0.238	0.136	0.952	
Cobalt	3.58	0.238	0.141	0.952	
Copper	9.09	0.476	0.128	0.952	
Lead	6.58	0.476	0.125	0.952	
Molybdenum	2.44	0.238	0.126	0.952	
Nickel	4.36	0.238	0.138	0.952	
Selenium	ND	0.714	0.285	0.952	
Silver	0.137	0.238	0.0816	0.952	J
Thallium	ND	0.714	0.144	0.952	
Vanadium	24.0	0.238	0.135	0.952	
Zinc	31.8	0.952	0.169	0.952	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-02	**16-06-1934-9-AA**	**06/27/16 11:45**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:36**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.725	0.144	0.966	
Arsenic	1.26	0.725	0.250	0.966	B
Barium	50.0	0.483	0.149	0.966	B
Beryllium	0.310	0.242	0.132	0.966	
Cadmium	0.257	0.483	0.131	0.966	J
Chromium	13.7	0.242	0.137	0.966	
Cobalt	9.14	0.242	0.143	0.966	
Copper	6.50	0.483	0.130	0.966	
Lead	3.83	0.483	0.127	0.966	
Molybdenum	0.241	0.242	0.128	0.966	J
Nickel	5.65	0.242	0.140	0.966	
Selenium	ND	0.725	0.289	0.966	
Silver	ND	0.242	0.0828	0.966	
Thallium	ND	0.725	0.147	0.966	
Vanadium	43.9	0.242	0.136	0.966	
Zinc	19.7	0.966	0.172	0.966	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-01	**16-06-1934-11-AA**	**06/27/16 11:47**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:37**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.750	0.149	1.00	
Arsenic	7.41	0.750	0.259	1.00	B
Barium	72.8	0.500	0.154	1.00	B
Beryllium	0.234	0.250	0.137	1.00	J
Cadmium	0.525	0.500	0.135	1.00	
Chromium	13.1	0.250	0.142	1.00	
Cobalt	3.69	0.250	0.148	1.00	
Copper	10.8	0.500	0.135	1.00	
Lead	8.83	0.500	0.132	1.00	
Molybdenum	1.96	0.250	0.132	1.00	
Nickel	6.21	0.250	0.145	1.00	
Selenium	0.462	0.750	0.300	1.00	J
Silver	0.362	0.250	0.0857	1.00	
Thallium	0.261	0.750	0.152	1.00	J
Vanadium	25.3	0.250	0.141	1.00	
Zinc	61.1	1.00	0.178	1.00	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-02	**16-06-1934-12-AA**	**06/27/16 12:07**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:38**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.781	0.155	1.04	
Arsenic	1.22	0.781	0.270	1.04	B
Barium	65.9	0.521	0.161	1.04	B
Beryllium	0.342	0.260	0.143	1.04	
Cadmium	0.271	0.521	0.141	1.04	J
Chromium	15.7	0.260	0.148	1.04	
Cobalt	9.34	0.260	0.154	1.04	
Copper	6.95	0.521	0.140	1.04	
Lead	4.04	0.521	0.137	1.04	
Molybdenum	ND	0.260	0.137	1.04	
Nickel	6.33	0.260	0.151	1.04	
Selenium	ND	0.781	0.312	1.04	
Silver	ND	0.260	0.0893	1.04	
Thallium	ND	0.781	0.158	1.04	
Vanadium	49.5	0.260	0.147	1.04	
Zinc	22.7	1.04	0.185	1.04	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-01	**16-06-1934-14-AA**	**06/27/16 12:12**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:39**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.746	0.148	0.995	
Arsenic	4.90	0.746	0.258	0.995	B
Barium	62.7	0.498	0.154	0.995	B
Beryllium	0.200	0.249	0.136	0.995	J
Cadmium	0.461	0.498	0.135	0.995	J
Chromium	9.91	0.249	0.142	0.995	
Cobalt	3.03	0.249	0.147	0.995	
Copper	8.39	0.498	0.134	0.995	
Lead	5.47	0.498	0.131	0.995	
Molybdenum	2.67	0.249	0.131	0.995	
Nickel	4.45	0.249	0.144	0.995	
Selenium	0.390	0.746	0.298	0.995	J
Silver	0.256	0.249	0.0853	0.995	
Thallium	0.259	0.746	0.151	0.995	J
Vanadium	21.3	0.249	0.141	0.995	
Zinc	51.2	0.995	0.177	0.995	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-03	**16-06-1934-15-AA**	**06/27/16 12:20**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:41**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.728	0.145	0.971	
Arsenic	2.03	0.728	0.252	0.971	B
Barium	71.4	0.485	0.150	0.971	B
Beryllium	0.333	0.243	0.133	0.971	
Cadmium	0.296	0.485	0.131	0.971	J
Chromium	16.2	0.243	0.138	0.971	
Cobalt	9.89	0.243	0.144	0.971	
Copper	8.54	0.485	0.131	0.971	
Lead	5.07	0.485	0.128	0.971	
Molybdenum	0.457	0.243	0.128	0.971	
Nickel	6.90	0.243	0.141	0.971	
Selenium	0.751	0.728	0.291	0.971	
Silver	ND	0.243	0.0832	0.971	
Thallium	ND	0.728	0.147	0.971	
Vanadium	53.7	0.243	0.137	0.971	
Zinc	24.5	0.971	0.172	0.971	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-01	**16-06-1934-17-AA**	**06/27/16 12:25**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:42**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.728	0.145	0.971	
Arsenic	5.87	0.728	0.252	0.971	B
Barium	69.1	0.485	0.150	0.971	B
Beryllium	0.209	0.243	0.133	0.971	J
Cadmium	2.01	0.485	0.131	0.971	
Chromium	45.1	0.243	0.138	0.971	
Cobalt	8.29	0.243	0.144	0.971	
Copper	96.3	0.485	0.131	0.971	
Lead	442	0.485	0.128	0.971	
Molybdenum	5.18	0.243	0.128	0.971	
Nickel	35.4	0.243	0.141	0.971	
Selenium	1.01	0.728	0.291	0.971	
Silver	ND	0.243	0.0832	0.971	
Thallium	ND	0.728	0.147	0.971	
Vanadium	27.1	0.243	0.137	0.971	
Zinc	72.5	0.971	0.172	0.971	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-03	**16-06-1934-18-AA**	**06/27/16 13:56**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:43**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.761	0.151	1.02	
Arsenic	2.10	0.761	0.263	1.02	B
Barium	66.8	0.508	0.157	1.02	B
Beryllium	0.393	0.254	0.139	1.02	
Cadmium	0.389	0.508	0.137	1.02	J
Chromium	20.4	0.254	0.144	1.02	
Cobalt	11.4	0.254	0.150	1.02	
Copper	8.99	0.508	0.137	1.02	
Lead	6.30	0.508	0.134	1.02	
Molybdenum	0.192	0.254	0.134	1.02	J
Nickel	8.43	0.254	0.147	1.02	
Selenium	ND	0.761	0.304	1.02	
Silver	ND	0.254	0.0870	1.02	
Thallium	ND	0.761	0.154	1.02	
Vanadium	63.1	0.254	0.143	1.02	
Zinc	27.3	1.02	0.180	1.02	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-01	**16-06-1934-21-AA**	**06/27/16 14:22**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:44**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.754	0.150	1.01	
Arsenic	6.79	0.754	0.260	1.01	B
Barium	73.1	0.503	0.155	1.01	B
Beryllium	0.217	0.251	0.138	1.01	J
Cadmium	0.455	0.503	0.136	1.01	J
Chromium	18.0	0.251	0.143	1.01	
Cobalt	3.57	0.251	0.149	1.01	
Copper	13.9	0.503	0.135	1.01	
Lead	11.3	0.503	0.132	1.01	
Molybdenum	4.15	0.251	0.133	1.01	
Nickel	5.72	0.251	0.145	1.01	
Selenium	ND	0.754	0.301	1.01	
Silver	0.435	0.251	0.0861	1.01	
Thallium	0.300	0.754	0.152	1.01	J
Vanadium	25.2	0.251	0.142	1.01	
Zinc	55.2	1.01	0.178	1.01	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-03	**16-06-1934-22-AA**	**06/27/16 14:25**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:45**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.739	0.147	0.985	
Arsenic	3.83	0.739	0.255	0.985	B
Barium	43.4	0.493	0.152	0.985	B
Beryllium	0.170	0.246	0.135	0.985	J
Cadmium	0.220	0.493	0.133	0.985	J
Chromium	10.6	0.246	0.140	0.985	
Cobalt	4.48	0.246	0.146	0.985	
Copper	3.54	0.493	0.133	0.985	
Lead	1.95	0.493	0.130	0.985	
Molybdenum	0.626	0.246	0.130	0.985	
Nickel	4.06	0.246	0.143	0.985	
Selenium	ND	0.739	0.295	0.985	
Silver	ND	0.246	0.0844	0.985	
Thallium	ND	0.739	0.149	0.985	
Vanadium	58.7	0.246	0.139	0.985	
Zinc	23.1	0.985	0.175	0.985	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-08	**16-06-1934-25-AA**	**06/27/16 14:26**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:23**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.725	0.144	0.966	
Arsenic	2.35	0.725	0.250	0.966	B
Barium	97.6	0.483	0.149	0.966	B
Beryllium	0.244	0.242	0.132	0.966	
Cadmium	0.284	0.483	0.131	0.966	J
Chromium	17.9	0.242	0.137	0.966	
Cobalt	6.32	0.242	0.143	0.966	
Copper	8.88	0.483	0.130	0.966	
Lead	2.63	0.483	0.127	0.966	
Molybdenum	ND	0.242	0.128	0.966	
Nickel	5.59	0.242	0.140	0.966	
Selenium	1.07	0.725	0.289	0.966	
Silver	ND	0.242	0.0828	0.966	
Thallium	ND	0.725	0.147	0.966	
Vanadium	61.7	0.242	0.136	0.966	
Zinc	27.7	0.966	0.172	0.966	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22879**	**N/A**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 13:28**	**160629L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.743	0.147	0.990	
Arsenic	0.364	0.743	0.257	0.990	J
Barium	0.355	0.495	0.153	0.990	J
Beryllium	ND	0.248	0.136	0.990	
Cadmium	ND	0.495	0.134	0.990	
Chromium	ND	0.248	0.141	0.990	
Cobalt	ND	0.248	0.147	0.990	
Copper	ND	0.495	0.133	0.990	
Lead	ND	0.495	0.130	0.990	
Molybdenum	ND	0.248	0.131	0.990	
Nickel	ND	0.248	0.143	0.990	
Selenium	ND	0.743	0.297	0.990	
Silver	ND	0.248	0.0849	0.990	
Thallium	ND	0.743	0.150	0.990	
Vanadium	ND	0.248	0.140	0.990	
Zinc	0.753	0.990	0.176	0.990	J

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-GW	**16-06-1934-4-F**	**06/27/16 10:20**	**Aqueous**	**ICP 7300**	**07/07/16**	**07/01/16 13:20**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.0150	0.00787	1.00	
Arsenic	0.00843	0.0100	0.00438	1.00	J
Barium	0.106	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	0.0110	0.0100	0.00295	1.00	
Copper	0.00681	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.227	0.0100	0.00278	1.00	B
Nickel	0.0285	0.0100	0.00298	1.00	
Selenium	0.0154	0.0150	0.00699	1.00	
Silver	0.00163	0.00500	0.00139	1.00	J
Thallium	ND	0.0150	0.00291	1.00	
Vanadium	0.00382	0.0100	0.00244	1.00	J
Zinc	0.0213	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-GW	**16-06-1934-24-F**	**06/27/16 14:30**	**Aqueous**	**ICP 7300**	**07/07/16**	**07/01/16 13:21**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.0150	0.00787	1.00	
Arsenic	0.00922	0.0100	0.00438	1.00	J
Barium	0.0868	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	0.00388	0.0100	0.00295	1.00	J
Copper	0.00686	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.941	0.0100	0.00278	1.00	B
Nickel	0.0232	0.0100	0.00298	1.00	
Selenium	ND	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	ND	0.0150	0.00291	1.00	
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	0.0142	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-460-98**	**N/A**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:28**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.0413	0.0150	0.00787	1.00	
Arsenic	ND	0.0100	0.00438	1.00	
Barium	ND	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	ND	0.0100	0.00295	1.00	
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.00769	0.0100	0.00278	1.00	J
Nickel	ND	0.0100	0.00298	1.00	
Selenium	ND	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	0.00605	0.0150	0.00291	1.00	J
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	ND	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 7470A Total
Method: EPA 7470A
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-GW	**16-06-1934-24-F**	**06/27/16 14:30**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 16:43**	**160706LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.000303	0.000500	0.0000453	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-452-10**	**N/A**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 16:30**	**160706LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 7470A Filt.
Method: EPA 7470A
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-GW	**16-06-1934-4-F**	**06/27/16 10:20**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:45**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-456-3**	**N/A**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:14**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-01	**16-06-1934-1-AA**	**06/27/16 10:00**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:21**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00746	0.0847	0.00597	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-05	**16-06-1934-2-AA**	**06/27/16 10:03**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:23**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0893	0.00629	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-01	**16-06-1934-5-AA**	**06/27/16 11:19**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:28**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0877	0.00618	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-03	**16-06-1934-6-AA**	**06/27/16 11:22**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:34**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00725	0.0877	0.00618	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-01	**16-06-1934-8-AA**	**06/27/16 11:40**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:37**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0847	0.00597	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-02	**16-06-1934-9-AA**	**06/27/16 11:45**	**Solid**	**Mercury 05**	**07/01/16**	**07/07/16 11:37**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0877	0.00618	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-01	**16-06-1934-11-AA**	**06/27/16 11:47**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:39**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0806	0.00568	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-02	**16-06-1934-12-AA**	**06/27/16 12:07**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:41**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00960	0.0806	0.00568	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-01	**16-06-1934-14-AA**	**06/27/16 12:12**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:43**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00924	0.0820	0.00578	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-03	**16-06-1934-15-AA**	**06/27/16 12:20**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:45**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00610	0.0806	0.00568	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-01	**16-06-1934-17-AA**	**06/27/16 12:25**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:47**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00897	0.0847	0.00597	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-03	**16-06-1934-18-AA**	**06/27/16 13:56**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:50**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0123	0.0862	0.00607	1.00	J

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-01	**16-06-1934-21-AA**	**06/27/16 14:22**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:52**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0833	0.00587	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-03	**16-06-1934-22-AA**	**06/27/16 14:25**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:54**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0877	0.00618	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-08	**16-06-1934-25-AA**	**06/27/16 14:26**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:14**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0847	0.00597	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-42**	**N/A**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:10**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0847	0.00597	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-01	**16-06-1934-5-AA**	**06/27/16 11:19**	**Solid**	**GC 41**	**07/01/16**	**07/07/16 17:22**	**160701L03**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDT	2.7	5.0	2.2	1.00	J
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	148	24-168	
2,4,5,6-Tetrachloro-m-Xylene	105	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-01	**16-06-1934-5-AA**	**06/27/16 11:19**	**Solid**	**GC 41**	**07/01/16**	**07/08/16 15:35**	**160701L03**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
4,4'-DDE	58	25	11	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	154	24-168	
2,4,5,6-Tetrachloro-m-Xylene	136	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-01	**16-06-1934-17-AA**	**06/27/16 12:25**	**Solid**	**GC 41**	**07/01/16**	**07/07/16 17:37**	**160701L03**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	3.8	5.0	2.2	1.00	J
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	130	24-168	
2,4,5,6-Tetrachloro-m-Xylene	98	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-2462**	**N/A**	**Solid**	**GC 41**	**07/01/16**	**07/07/16 18:23**	**160701L03**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	96	24-168	
2,4,5,6-Tetrachloro-m-Xylene	86	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-01	**16-06-1934-1-AA**	**06/27/16 10:00**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 11:07**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	105	24-168	
2,4,5,6-Tetrachloro-m-Xylene	96	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-05	**16-06-1934-2-AA**	**06/27/16 10:03**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 11:25**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	101	24-168	
2,4,5,6-Tetrachloro-m-Xylene	82	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-01	**16-06-1934-5-AA**	**06/27/16 11:19**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 11:43**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	43	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	31	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	34	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	110	24-168	
2,4,5,6-Tetrachloro-m-Xylene	101	25-145	

BB-04-03	16-06-1934-6-AA	06/27/16 11:22	Solid	GC 58	07/01/16	07/02/16 12:01	160701L04

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	43	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	31	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	34	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	93	24-168	
2,4,5,6-Tetrachloro-m-Xylene	83	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-01	**16-06-1934-8-AA**	**06/27/16 11:40**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 12:19**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	113	24-168	
2,4,5,6-Tetrachloro-m-Xylene	105	25-145	

BB-02-02	**16-06-1934-9-AA**	**06/27/16 11:45**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 14:39**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	107	24-168	
2,4,5,6-Tetrachloro-m-Xylene	85	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-01	**16-06-1934-11-AA**	**06/27/16 11:47**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 14:57**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	94	24-168	
2,4,5,6-Tetrachloro-m-Xylene	85	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-02	**16-06-1934-12-AA**	**06/27/16 12:07**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 15:15**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	103	24-168	
2,4,5,6-Tetrachloro-m-Xylene	65	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-01	**16-06-1934-14-AA**	**06/27/16 12:12**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 15:51**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	115	24-168	
2,4,5,6-Tetrachloro-m-Xylene	95	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-03	**16-06-1934-15-AA**	**06/27/16 12:20**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 16:09**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	104	24-168	
2,4,5,6-Tetrachloro-m-Xylene	70	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-01	**16-06-1934-17-AA**	**06/27/16 12:25**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 16:27**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	108	24-168	
2,4,5,6-Tetrachloro-m-Xylene	93	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-03	**16-06-1934-18-AA**	**06/27/16 13:56**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 16:45**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	43	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	31	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	34	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	99	24-168	
2,4,5,6-Tetrachloro-m-Xylene	74	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-01	**16-06-1934-21-AA**	**06/27/16 14:22**	**Solid**	**GC 58**	**07/01/16**	**07/06/16 10:33**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	33	50	30	1.00	J
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	117	24-168	
2,4,5,6-Tetrachloro-m-Xylene	97	25-145	

BB-08-03	**16-06-1934-22-AA**	**06/27/16 14:25**	**Solid**	**GC 58**	**07/01/16**	**07/06/16 10:51**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	114	24-168	
2,4,5,6-Tetrachloro-m-Xylene	77	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-3808**	**N/A**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 09:55**	**160701L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	111	24-168	
2,4,5,6-Tetrachloro-m-Xylene	97	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-GW	**16-06-1934-4-A**	**06/27/16 10:20**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 17:33**	**160629L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	40	14	4.00	
Benzene	ND	2.0	1.3	4.00	
Bromobenzene	ND	2.0	1.3	4.00	
Bromochloromethane	ND	4.0	1.5	4.00	
Bromodichloromethane	ND	2.0	0.78	4.00	
Bromoform	ND	2.0	1.3	4.00	
Bromomethane	ND	4.0	1.5	4.00	
2-Butanone	ND	20	12	4.00	
n-Butylbenzene	ND	2.0	1.4	4.00	
sec-Butylbenzene	ND	2.0	0.91	4.00	
tert-Butylbenzene	ND	2.0	1.5	4.00	
Carbon Disulfide	ND	4.0	1.8	4.00	
Carbon Tetrachloride	ND	2.0	0.86	4.00	
Chlorobenzene	ND	2.0	0.58	4.00	
Chloroethane	ND	2.0	1.4	4.00	
2-Chloroethyl Vinyl Ether	ND	20	12	4.00	
Chloroform	0.89	2.0	0.86	4.00	J
Chloromethane	ND	2.0	0.86	4.00	
2-Chlorotoluene	ND	2.0	1.4	4.00	
4-Chlorotoluene	ND	2.0	1.3	4.00	
Dibromochloromethane	ND	2.0	0.94	4.00	
1,2-Dibromo-3-Chloropropane	ND	20	12	4.00	
1,2-Dibromoethane	ND	2.0	1.3	4.00	
Dibromomethane	ND	2.0	1.4	4.00	
1,2-Dichlorobenzene	ND	2.0	0.68	4.00	
1,3-Dichlorobenzene	ND	2.0	0.68	4.00	
1,4-Dichlorobenzene	ND	2.0	1.2	4.00	
Dichlorodifluoromethane	ND	4.0	0.94	4.00	
1,1-Dichloroethane	9.8	2.0	0.76	4.00	
1,2-Dichloroethane	0.86	2.0	0.74	4.00	J
1,1-Dichloroethene	7.2	2.0	0.80	4.00	
c-1,2-Dichloroethene	3.2	2.0	0.98	4.00	
t-1,2-Dichloroethene	ND	2.0	1.0	4.00	
Acetonitrile	ND	40	8.8	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	2.0	0.96	4.00	
Acrolein	ND	80	35	4.00	
Acrylonitrile	ND	40	21	4.00	
1,3-Dichloropropane	ND	4.0	0.96	4.00	
2,2-Dichloropropane	ND	4.0	1.7	4.00	
Allyl Chloride	ND	4.0	1.4	4.00	
1,1-Dichloropropene	ND	2.0	1.1	4.00	
c-1,3-Dichloropropene	ND	2.0	0.74	4.00	
t-1,3-Dichloropropene	ND	2.0	1.4	4.00	
Ethylbenzene	ND	2.0	1.3	4.00	
2-Hexanone	ND	40	10	4.00	
Isopropylbenzene	ND	2.0	1.7	4.00	
p-Isopropyltoluene	ND	2.0	0.54	4.00	
Methylene Chloride	ND	4.0	1.5	4.00	
4-Methyl-2-Pentanone	ND	20	11	4.00	
Naphthalene	ND	4.0	1.6	4.00	
n-Propylbenzene	ND	2.0	1.5	4.00	
Styrene	ND	2.0	1.3	4.00	
Chloroprene	ND	2.0	0.96	4.00	
1,1,1,2-Tetrachloroethane	ND	2.0	0.94	4.00	
1,1,2,2-Tetrachloroethane	ND	2.0	0.88	4.00	
Tetrachloroethene	1.1	2.0	0.86	4.00	J
Toluene	ND	2.0	1.1	4.00	
1,2,3-Trichlorobenzene	ND	2.0	1.0	4.00	
Ethyl Methacrylate	ND	20	5.6	4.00	
1,2,4-Trichlorobenzene	ND	2.0	1.0	4.00	
1,1,1-Trichloroethane	ND	2.0	0.76	4.00	
Hexachloro-1,3-Butadiene	ND	8.0	1.9	4.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.0	1.0	4.00	
1,1,2-Trichloroethane	ND	2.0	1.3	4.00	
Iodomethane	ND	40	27	4.00	
Trichloroethene	150	2.0	0.92	4.00	
Trichlorofluoromethane	ND	2.0	1.0	4.00	
Isobutyl Alcohol	ND	40	27	4.00	
1,2,3-Trichloropropane	ND	4.0	1.0	4.00	
1,2,4-Trimethylbenzene	ND	2.0	0.60	4.00	
Methacrylonitrile	ND	40	10	4.00	
Methyl Methacrylate	ND	20	5.2	4.00	
1,3,5-Trimethylbenzene	ND	2.0	1.3	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	20	9.0	4.00	
Vinyl Chloride	ND	2.0	1.1	4.00	
p/m-Xylene	ND	2.0	0.94	4.00	
o-Xylene	ND	2.0	1.6	4.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	1.2	4.00	
t-1,4-Dichloro-2-Butene	ND	20	12	4.00	
Tetrahydrofuran	ND	20	8.8	4.00	
Propionitrile	ND	40	12	4.00	
Tert-Butyl Alcohol (TBA)	ND	40	16	4.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.94	4.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.86	4.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.94	4.00	
Ethanol	ND	200	69	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	102	71-135	
1,2-Dichloroethane-d4	102	64-139	
Toluene-d8	101	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-GW	**16-06-1934-24-A**	**06/27/16 14:30**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 18:04**	**160629L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	40	14	4.00	
Benzene	ND	2.0	1.3	4.00	
Bromobenzene	ND	2.0	1.3	4.00	
Bromochloromethane	ND	4.0	1.5	4.00	
Bromodichloromethane	ND	2.0	0.78	4.00	
Bromoform	ND	2.0	1.3	4.00	
Bromomethane	ND	4.0	1.5	4.00	
2-Butanone	ND	20	12	4.00	
n-Butylbenzene	ND	2.0	1.4	4.00	
sec-Butylbenzene	ND	2.0	0.91	4.00	
tert-Butylbenzene	ND	2.0	1.5	4.00	
Carbon Disulfide	ND	4.0	1.8	4.00	
Carbon Tetrachloride	ND	2.0	0.86	4.00	
Chlorobenzene	ND	2.0	0.58	4.00	
Chloroethane	ND	2.0	1.4	4.00	
2-Chloroethyl Vinyl Ether	ND	20	12	4.00	
Chloroform	1.1	2.0	0.86	4.00	J
Chloromethane	ND	2.0	0.86	4.00	
2-Chlorotoluene	ND	2.0	1.4	4.00	
4-Chlorotoluene	ND	2.0	1.3	4.00	
Dibromochloromethane	ND	2.0	0.94	4.00	
1,2-Dibromo-3-Chloropropane	ND	20	12	4.00	
1,2-Dibromoethane	ND	2.0	1.3	4.00	
Dibromomethane	ND	2.0	1.4	4.00	
1,2-Dichlorobenzene	ND	2.0	0.68	4.00	
1,3-Dichlorobenzene	ND	2.0	0.68	4.00	
1,4-Dichlorobenzene	ND	2.0	1.2	4.00	
Dichlorodifluoromethane	ND	4.0	0.94	4.00	
1,1-Dichloroethane	22	2.0	0.76	4.00	
1,2-Dichloroethane	ND	2.0	0.74	4.00	
1,1-Dichloroethene	9.7	2.0	0.80	4.00	
c-1,2-Dichloroethene	11	2.0	0.98	4.00	
t-1,2-Dichloroethene	1.3	2.0	1.0	4.00	J
Acetonitrile	ND	40	8.8	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	2.0	0.96	4.00	
Acrolein	ND	80	35	4.00	
Acrylonitrile	ND	40	21	4.00	
1,3-Dichloropropane	ND	4.0	0.96	4.00	
2,2-Dichloropropane	ND	4.0	1.7	4.00	
Allyl Chloride	ND	4.0	1.4	4.00	
1,1-Dichloropropene	ND	2.0	1.1	4.00	
c-1,3-Dichloropropene	ND	2.0	0.74	4.00	
t-1,3-Dichloropropene	ND	2.0	1.4	4.00	
Ethylbenzene	ND	2.0	1.3	4.00	
2-Hexanone	ND	40	10	4.00	
Isopropylbenzene	ND	2.0	1.7	4.00	
p-Isopropyltoluene	ND	2.0	0.54	4.00	
Methylene Chloride	ND	4.0	1.5	4.00	
4-Methyl-2-Pentanone	ND	20	11	4.00	
Naphthalene	ND	4.0	1.6	4.00	
n-Propylbenzene	ND	2.0	1.5	4.00	
Styrene	ND	2.0	1.3	4.00	
Chloroprene	ND	2.0	0.96	4.00	
1,1,1,2-Tetrachloroethane	ND	2.0	0.94	4.00	
1,1,2,2-Tetrachloroethane	ND	2.0	0.88	4.00	
Tetrachloroethene	ND	2.0	0.86	4.00	
Toluene	ND	2.0	1.1	4.00	
1,2,3-Trichlorobenzene	ND	2.0	1.0	4.00	
Ethyl Methacrylate	ND	20	5.6	4.00	
1,2,4-Trichlorobenzene	ND	2.0	1.0	4.00	
1,1,1-Trichloroethane	ND	2.0	0.76	4.00	
Hexachloro-1,3-Butadiene	ND	8.0	1.9	4.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.0	1.0	4.00	
1,1,2-Trichloroethane	ND	2.0	1.3	4.00	
Iodomethane	ND	40	27	4.00	
Trichlorofluoromethane	ND	2.0	1.0	4.00	
Isobutyl Alcohol	ND	40	27	4.00	
1,2,3-Trichloropropane	ND	4.0	1.0	4.00	
1,2,4-Trimethylbenzene	ND	2.0	0.60	4.00	
Methacrylonitrile	ND	40	10	4.00	
Methyl Methacrylate	ND	20	5.2	4.00	
1,3,5-Trimethylbenzene	ND	2.0	1.3	4.00	
Vinyl Acetate	ND	20	9.0	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Chloride	ND	2.0	1.1	4.00	
p/m-Xylene	ND	2.0	0.94	4.00	
o-Xylene	ND	2.0	1.6	4.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	1.2	4.00	
t-1,4-Dichloro-2-Butene	ND	20	12	4.00	
Tetrahydrofuran	ND	20	8.8	4.00	
Propionitrile	ND	40	12	4.00	
Tert-Butyl Alcohol (TBA)	ND	40	16	4.00	
Diisopropyl Ether (DIPE)	ND	2.0	0.94	4.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	0.86	4.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.0	0.94	4.00	
Ethanol	ND	200	69	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	68-120	
Dibromofluoromethane	105	71-135	
1,2-Dichloroethane-d4	108	64-139	
Toluene-d8	99	72-128	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-GW	**16-06-1934-24-B**	**06/27/16 14:30**	**Aqueous**	**GC/MS FFF**	**07/05/16**	**07/05/16 23:44**	**160705L024**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Trichloroethene	200	5.0	2.3	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	104	71-135	
1,2-Dichloroethane-d4	104	64-139	
Toluene-d8	99	72-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-446-105**	**N/A**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 10:33**	**160629L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	10	3.5	1.00	
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	ND	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	99	71-135	
1,2-Dichloroethane-d4	99	64-139	
Toluene-d8	97	72-128	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-446-106**	**N/A**	**Aqueous**	**GC/MS FFF**	**07/05/16**	**07/05/16 21:00**	**160705L024**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Trichloroethene	ND	0.50	0.23	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	103	71-135	
1,2-Dichloroethane-d4	104	64-139	
Toluene-d8	98	72-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-01	**16-06-1934-1-A**	**06/27/16 10:00**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 10:57**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.23	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.21	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.51	1.00	
1,2-Dichloropropane	ND	5.1	0.44	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.61	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.55	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.31	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.30	1.00	
1,2,3-Trichloropropane	ND	5.1	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.59	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	92	63-141	
1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-01-05	**16-06-1934-2-A**	**06/27/16 10:03**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 12:46**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.5	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.8	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.33	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.63	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.57	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.63	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.95	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.61	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.58	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.31	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	100	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-01	**16-06-1934-5-A**	**06/27/16 11:19**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 13:14**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.5	1.00	
Benzene	ND	5.2	0.14	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.72	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.83	1.00	
Bromomethane	ND	26	9.8	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.30	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.6	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.32	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.60	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.27	1.00	
Dibromomethane	ND	5.2	0.81	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.33	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.53	1.00	
1,2-Dichloropropane	ND	5.2	0.46	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.35	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.27	1.00	
t-1,3-Dichloropropene	ND	5.2	0.63	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.57	1.00	
p-Isopropyltoluene	ND	5.2	0.66	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.85	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.63	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.54	1.00	
1,2,3-Trichlorobenzene	ND	10	0.95	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.24	1.00	
1,1,2-Trichloroethane	ND	5.2	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.37	1.00	
Trichloroethene	0.36	5.2	0.31	1.00	J
1,2,3-Trichloropropane	ND	5.2	0.87	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.61	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	5.0	1.00	
Vinyl Chloride	ND	5.2	0.53	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.58	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.31	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	93	63-141	
1,2-Dichloroethane-d4	95	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-04-03	**16-06-1934-6-A**	**06/27/16 11:22**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 13:41**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	79	3.9	1.00	
Benzene	ND	3.1	0.082	1.00	
Bromobenzene	ND	3.1	0.13	1.00	
Bromochloromethane	ND	3.1	0.43	1.00	
Bromodichloromethane	ND	3.1	0.15	1.00	
Bromoform	ND	3.1	0.50	1.00	
Bromomethane	ND	16	5.9	1.00	
2-Butanone	ND	31	2.4	1.00	
n-Butylbenzene	ND	3.1	0.098	1.00	
sec-Butylbenzene	ND	3.1	0.36	1.00	
tert-Butylbenzene	ND	3.1	0.095	1.00	
Carbon Disulfide	ND	31	0.19	1.00	
Carbon Tetrachloride	ND	3.1	0.18	1.00	
Chlorobenzene	ND	3.1	0.14	1.00	
Chloroethane	ND	3.1	0.94	1.00	
Chloroform	ND	3.1	0.15	1.00	
Chloromethane	ND	16	0.19	1.00	
2-Chlorotoluene	ND	3.1	0.15	1.00	
4-Chlorotoluene	ND	3.1	0.13	1.00	
Dibromochloromethane	ND	3.1	0.36	1.00	
1,2-Dibromo-3-Chloropropane	ND	6.3	1.1	1.00	
1,2-Dibromoethane	ND	3.1	0.16	1.00	
Dibromomethane	ND	3.1	0.49	1.00	
1,2-Dichlorobenzene	ND	3.1	0.14	1.00	
1,3-Dichlorobenzene	ND	3.1	0.11	1.00	
1,4-Dichlorobenzene	ND	3.1	0.14	1.00	
Dichlorodifluoromethane	ND	3.1	0.28	1.00	
1,1-Dichloroethane	ND	3.1	0.13	1.00	
1,2-Dichloroethane	ND	3.1	0.20	1.00	
1,1-Dichloroethene	ND	3.1	0.22	1.00	
c-1,2-Dichloroethene	ND	3.1	0.18	1.00	
t-1,2-Dichloroethene	ND	3.1	0.32	1.00	
1,2-Dichloropropane	ND	3.1	0.28	1.00	
1,3-Dichloropropane	ND	3.1	0.16	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	3.1	0.21	1.00	
1,1-Dichloropropene	ND	3.1	0.21	1.00	
c-1,3-Dichloropropene	ND	3.1	0.16	1.00	
t-1,3-Dichloropropene	ND	3.1	0.38	1.00	
Ethylbenzene	ND	3.1	0.095	1.00	
2-Hexanone	ND	31	1.1	1.00	
Isopropylbenzene	ND	3.1	0.34	1.00	
p-Isopropyltoluene	ND	3.1	0.40	1.00	
Methylene Chloride	ND	31	0.84	1.00	
4-Methyl-2-Pentanone	ND	31	2.7	1.00	
Naphthalene	ND	31	0.51	1.00	
n-Propylbenzene	ND	3.1	0.32	1.00	
Styrene	ND	3.1	0.38	1.00	
1,1,1,2-Tetrachloroethane	ND	3.1	0.15	1.00	
1,1,2,2-Tetrachloroethane	ND	3.1	0.22	1.00	
Tetrachloroethene	ND	3.1	0.13	1.00	
Toluene	ND	3.1	0.32	1.00	
1,2,3-Trichlorobenzene	ND	6.3	0.57	1.00	
1,2,4-Trichlorobenzene	ND	3.1	0.19	1.00	
1,1,1-Trichloroethane	ND	3.1	0.14	1.00	
1,1,2-Trichloroethane	ND	3.1	0.22	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	31	0.22	1.00	
Trichloroethene	0.69	3.1	0.19	1.00	J
1,2,3-Trichloropropane	ND	3.1	0.52	1.00	
1,2,4-Trimethylbenzene	ND	3.1	0.37	1.00	
Trichlorofluoromethane	ND	31	0.24	1.00	
1,3,5-Trimethylbenzene	ND	3.1	0.34	1.00	
Vinyl Acetate	ND	31	3.0	1.00	
Vinyl Chloride	ND	3.1	0.32	1.00	
p/m-Xylene	ND	3.1	0.17	1.00	
o-Xylene	ND	3.1	0.35	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	3.1	0.19	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-01	**16-06-1934-8-A**	**06/27/16 11:40**	**Solid**	**GC/MS BB**	**06/30/16**	**07/01/16 17:46**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	22	120	6.2	1.00	J
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.68	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	50	3.7	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.57	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.30	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.17	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.34	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.43	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.7	1.00	
Isopropylbenzene	ND	5.0	0.54	1.00	
p-Isopropyltoluene	ND	5.0	0.62	1.00	
Methylene Chloride	4.2	50	1.3	1.00	J
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.34	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.82	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.58	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.54	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	60-132	
Dibromofluoromethane	89	63-141	
1,2-Dichloroethane-d4	98	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-02-02	**16-06-1934-9-A**	**06/27/16 11:45**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 14:35**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	97	63-141	
1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-01	**16-06-1934-11-A**	**06/27/16 11:47**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 15:03**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.32	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.62	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.56	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.60	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	98	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-05-02	**16-06-1934-12-A**	**06/27/16 12:07**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 15:30**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	2.0	5.0	0.30	1.00	J
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	95	63-141	
1,2-Dichloroethane-d4	103	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-01	**16-06-1934-14-A**	**06/27/16 12:12**	**Solid**	**GC/MS BB**	**06/30/16**	**07/01/16 18:14**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	26	120	6.0	1.00	J
Benzene	ND	4.8	0.13	1.00	
Bromobenzene	ND	4.8	0.20	1.00	
Bromochloromethane	ND	4.8	0.67	1.00	
Bromodichloromethane	ND	4.8	0.23	1.00	
Bromoform	ND	4.8	0.77	1.00	
Bromomethane	ND	24	9.1	1.00	
2-Butanone	ND	48	3.6	1.00	
n-Butylbenzene	ND	4.8	0.15	1.00	
sec-Butylbenzene	ND	4.8	0.56	1.00	
tert-Butylbenzene	ND	4.8	0.15	1.00	
Carbon Disulfide	ND	48	0.30	1.00	
Carbon Tetrachloride	ND	4.8	0.27	1.00	
Chlorobenzene	ND	4.8	0.22	1.00	
Chloroethane	ND	4.8	1.4	1.00	
Chloroform	ND	4.8	0.23	1.00	
Chloromethane	ND	24	0.29	1.00	
2-Chlorotoluene	ND	4.8	0.22	1.00	
4-Chlorotoluene	ND	4.8	0.21	1.00	
Dibromochloromethane	ND	4.8	0.55	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.7	1.7	1.00	
1,2-Dibromoethane	ND	4.8	0.25	1.00	
Dibromomethane	ND	4.8	0.75	1.00	
1,2-Dichlorobenzene	ND	4.8	0.22	1.00	
1,3-Dichlorobenzene	ND	4.8	0.17	1.00	
1,4-Dichlorobenzene	ND	4.8	0.21	1.00	
Dichlorodifluoromethane	ND	4.8	0.43	1.00	
1,1-Dichloroethane	ND	4.8	0.20	1.00	
1,2-Dichloroethane	ND	4.8	0.30	1.00	
1,1-Dichloroethene	ND	4.8	0.33	1.00	
c-1,2-Dichloroethene	ND	4.8	0.27	1.00	
t-1,2-Dichloroethene	ND	4.8	0.49	1.00	
1,2-Dichloropropane	ND	4.8	0.42	1.00	
1,3-Dichloropropane	ND	4.8	0.24	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.8	0.32	1.00	
1,1-Dichloropropene	ND	4.8	0.32	1.00	
c-1,3-Dichloropropene	ND	4.8	0.25	1.00	
t-1,3-Dichloropropene	ND	4.8	0.59	1.00	
Ethylbenzene	ND	4.8	0.15	1.00	
2-Hexanone	ND	48	1.7	1.00	
Isopropylbenzene	ND	4.8	0.53	1.00	
p-Isopropyltoluene	ND	4.8	0.61	1.00	
Methylene Chloride	4.3	48	1.3	1.00	J
4-Methyl-2-Pentanone	ND	48	4.2	1.00	
Naphthalene	ND	48	0.79	1.00	
n-Propylbenzene	ND	4.8	0.49	1.00	
Styrene	ND	4.8	0.58	1.00	
1,1,1,2-Tetrachloroethane	ND	4.8	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.8	0.33	1.00	
Tetrachloroethene	ND	4.8	0.20	1.00	
Toluene	ND	4.8	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.7	0.88	1.00	
1,2,4-Trichlorobenzene	ND	4.8	0.30	1.00	
1,1,1-Trichloroethane	ND	4.8	0.22	1.00	
1,1,2-Trichloroethane	ND	4.8	0.34	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	48	0.34	1.00	
Trichloroethene	ND	4.8	0.29	1.00	
1,2,3-Trichloropropane	ND	4.8	0.80	1.00	
1,2,4-Trimethylbenzene	ND	4.8	0.57	1.00	
Trichlorofluoromethane	ND	48	0.36	1.00	
1,3,5-Trimethylbenzene	ND	4.8	0.53	1.00	
Vinyl Acetate	ND	48	4.6	1.00	
Vinyl Chloride	ND	4.8	0.49	1.00	
p/m-Xylene	ND	4.8	0.26	1.00	
o-Xylene	ND	4.8	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.8	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	96	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-07-03	**16-06-1934-15-A**	**06/27/16 12:20**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 16:25**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	2.9	5.0	0.30	1.00	J
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	98	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-01	**16-06-1934-17-A**	**06/27/16 12:25**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 16:52**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.22	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.16	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.80	1.00	
1,2-Dichlorobenzene	ND	5.1	0.24	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.46	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.36	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.16	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.65	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.84	1.00	
n-Propylbenzene	ND	5.1	0.52	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.36	1.00	
Tetrachloroethene	ND	5.1	0.22	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	0.60	5.1	0.31	1.00	J
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.52	1.00	
p/m-Xylene	ND	5.1	0.28	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	102	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-10-03	**16-06-1934-18-A**	**06/27/16 13:56**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 17:19**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.23	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.28	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	3.0	4.9	0.30	1.00	J
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	106	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-01	**16-06-1934-21-A**	**06/27/16 14:22**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 17:47**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	9.0	130	6.6	1.00	J
Benzene	ND	5.3	0.14	1.00	
Bromobenzene	ND	5.3	0.22	1.00	
Bromochloromethane	ND	5.3	0.73	1.00	
Bromodichloromethane	ND	5.3	0.24	1.00	
Bromoform	ND	5.3	0.84	1.00	
Bromomethane	ND	26	9.9	1.00	
2-Butanone	ND	53	4.0	1.00	
n-Butylbenzene	ND	5.3	0.16	1.00	
sec-Butylbenzene	ND	5.3	0.61	1.00	
tert-Butylbenzene	ND	5.3	0.16	1.00	
Carbon Disulfide	ND	53	0.32	1.00	
Carbon Tetrachloride	ND	5.3	0.30	1.00	
Chlorobenzene	ND	5.3	0.24	1.00	
Chloroethane	ND	5.3	1.6	1.00	
Chloroform	ND	5.3	0.25	1.00	
Chloromethane	ND	26	0.32	1.00	
2-Chlorotoluene	ND	5.3	0.24	1.00	
4-Chlorotoluene	ND	5.3	0.22	1.00	
Dibromochloromethane	ND	5.3	0.60	1.00	
1,2-Dibromo-3-Chloropropane	ND	11	1.8	1.00	
1,2-Dibromoethane	ND	5.3	0.27	1.00	
Dibromomethane	ND	5.3	0.82	1.00	
1,2-Dichlorobenzene	ND	5.3	0.24	1.00	
1,3-Dichlorobenzene	ND	5.3	0.19	1.00	
1,4-Dichlorobenzene	ND	5.3	0.23	1.00	
Dichlorodifluoromethane	ND	5.3	0.47	1.00	
1,1-Dichloroethane	ND	5.3	0.22	1.00	
1,2-Dichloroethane	ND	5.3	0.33	1.00	
1,1-Dichloroethene	ND	5.3	0.36	1.00	
c-1,2-Dichloroethene	ND	5.3	0.29	1.00	
t-1,2-Dichloroethene	ND	5.3	0.53	1.00	
1,2-Dichloropropane	ND	5.3	0.46	1.00	
1,3-Dichloropropane	ND	5.3	0.27	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.3	0.35	1.00	
1,1-Dichloropropene	ND	5.3	0.35	1.00	
c-1,3-Dichloropropene	ND	5.3	0.27	1.00	
t-1,3-Dichloropropene	ND	5.3	0.64	1.00	
Ethylbenzene	ND	5.3	0.16	1.00	
2-Hexanone	ND	53	1.9	1.00	
Isopropylbenzene	ND	5.3	0.57	1.00	
p-Isopropyltoluene	ND	5.3	0.66	1.00	
Methylene Chloride	ND	53	1.4	1.00	
4-Methyl-2-Pentanone	ND	53	4.5	1.00	
Naphthalene	ND	53	0.86	1.00	
n-Propylbenzene	ND	5.3	0.53	1.00	
Styrene	ND	5.3	0.64	1.00	
1,1,1,2-Tetrachloroethane	ND	5.3	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.3	0.36	1.00	
Tetrachloroethene	ND	5.3	0.22	1.00	
Toluene	ND	5.3	0.54	1.00	
1,2,3-Trichlorobenzene	ND	11	0.96	1.00	
1,2,4-Trichlorobenzene	ND	5.3	0.33	1.00	
1,1,1-Trichloroethane	ND	5.3	0.24	1.00	
1,1,2-Trichloroethane	ND	5.3	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	53	0.37	1.00	
Trichloroethene	ND	5.3	0.32	1.00	
1,2,3-Trichloropropane	ND	5.3	0.87	1.00	
1,2,4-Trimethylbenzene	ND	5.3	0.62	1.00	
Trichlorofluoromethane	ND	53	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.3	0.58	1.00	
Vinyl Acetate	ND	53	5.0	1.00	
Vinyl Chloride	ND	5.3	0.53	1.00	
p/m-Xylene	ND	5.3	0.28	1.00	
o-Xylene	ND	5.3	0.59	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.3	0.31	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	60-132	
Dibromofluoromethane	76	63-141	
1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	96	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-03	**16-06-1934-22-A**	**06/27/16 14:25**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 18:14**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.22	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.80	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.46	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.36	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.16	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.65	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.84	1.00	
n-Propylbenzene	ND	5.1	0.52	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.22	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.52	1.00	
p/m-Xylene	ND	5.1	0.28	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08-08	**16-06-1934-25-A**	**06/27/16 14:26**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 18:41**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.7	1.00	
n-Butylbenzene	0.44	5.0	0.16	1.00	J
sec-Butylbenzene	ND	5.0	0.57	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.30	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.34	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.54	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	0.93	50	0.81	1.00	J
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.34	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	1.2	5.0	0.30	1.00	J
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	2.7	5.0	0.58	1.00	J
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	0.71	5.0	0.55	1.00	J
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	98	63-141	
1,2-Dichloroethane-d4	100	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-569**	**N/A**	**Solid**	**GC/MS BB**	**06/29/16**	**06/29/16 10:01**	**160629L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	93	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-574**	**N/A**	**Solid**	**GC/MS BB**	**07/01/16**	**07/01/16 10:30**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	95	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8310

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**HPLC 5**	**07/01/16**	**07/05/16 19:12**	**160701S20**
16-06-2029-1	**Matrix Spike**	**Concrete**	**HPLC 5**	**07/01/16**	**07/05/16 18:07**	**160701S20**
16-06-2029-1	**Matrix Spike Duplicate**	**Concrete**	**HPLC 5**	**07/01/16**	**07/05/16 18:39**	**160701S20**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	100.0	134.6	135	102.9	103	23-167	27	0-46	
Acenaphthylene	ND	100.0	99.86	100	72.12	72	24-120	32	0-47	
Acenaphthene	ND	100.0	90.56	91	68.34	68	16-120	28	0-46	
Fluorene	ND	100.0	88.52	89	67.67	68	32-120	27	0-44	
Phenanthrene	ND	100.0	90.89	91	74.43	74	34-120	20	0-38	
Anthracene	ND	100.0	89.23	89	72.31	72	27-120	21	0-45	
Fluoranthene	ND	100.0	93.43	93	78.84	79	32-122	17	0-41	
Pyrene	ND	100.0	102.6	103	85.26	85	31-127	18	0-38	
Benzo (a) Anthracene	ND	100.0	94.88	95	79.10	79	32-122	18	0-43	
Chrysene	ND	100.0	91.29	91	75.53	76	30-132	19	0-42	
Benzo (b) Fluoranthene	ND	100.0	90.36	90	74.88	75	33-120	19	0-44	
Benzo (k) Fluoranthene	ND	100.0	77.89	78	67.53	68	23-149	14	0-44	
Benzo (a) Pyrene	ND	100.0	91.67	92	76.13	76	12-132	19	0-48	
Dibenz (a,h) Anthracene	ND	100.0	87.35	87	72.61	73	29-125	18	0-43	
Benzo (g,h,i) Perylene	ND	100.0	93.45	93	75.22	75	24-132	22	0-42	
Indeno (1,2,3-c,d) Pyrene	ND	100.0	92.03	92	75.21	75	29-143	20	0-42	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 16

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-1741-10	**Sample**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 14:57**	**160629S01**
16-06-1741-10	**Matrix Spike**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 14:11**	**160629S01**
16-06-1741-10	**Matrix Spike Duplicate**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 14:26**	**160629S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	ND	400.0	374.7	94	426.8	107	64-130	13	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-08-08	**Sample**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:23**	**160629S03**
BB-08-08	**Matrix Spike**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:24**	**160629S03**
BB-08-08	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 15:25**	**160629S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	10.37	41	10.91	44	50-115	5	0-20	3
Arsenic	2.352	25.00	23.74	86	24.60	89	75-125	4	0-20	
Barium	97.58	25.00	112.2	58	121.4	95	75-125	8	0-20	3
Beryllium	0.2437	25.00	23.79	94	24.70	98	75-125	4	0-20	
Cadmium	ND	25.00	23.98	96	25.56	102	75-125	6	0-20	
Chromium	17.90	25.00	36.81	76	38.42	82	75-125	4	0-20	
Cobalt	6.322	25.00	29.74	94	31.39	100	75-125	5	0-20	
Copper	8.876	25.00	32.28	94	33.54	99	75-125	4	0-20	
Lead	2.628	25.00	26.33	95	27.93	101	75-125	6	0-20	
Molybdenum	ND	25.00	20.19	81	21.11	84	75-125	4	0-20	
Nickel	5.594	25.00	28.11	90	30.35	99	75-125	8	0-20	
Selenium	1.068	25.00	20.75	79	22.11	84	75-125	6	0-20	
Silver	ND	12.50	12.40	99	12.58	101	75-125	1	0-20	
Thallium	ND	25.00	23.41	94	24.14	97	75-125	3	0-20	
Vanadium	61.71	25.00	68.17	26	70.73	36	75-125	4	0-20	3
Zinc	27.72	25.00	48.06	81	51.20	94	75-125	6	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3005A Filt.
Method: EPA 6010B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**Matrix Spike**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:02**	**160630SA2**
16-06-2029-10	**Matrix Spike Duplicate**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:03**	**160630SA2**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	0.5000	0.5226	105	0.5360	107	75-125	3	0-20	
Arsenic	ND	0.5000	0.5284	106	0.5320	106	75-125	1	0-20	
Barium	0.02259	0.5000	0.5364	103	0.5367	103	75-125	0	0-20	
Beryllium	ND	0.5000	0.5139	103	0.5169	103	75-125	1	0-20	
Cadmium	ND	0.5000	0.5197	104	0.5262	105	75-125	1	0-20	
Chromium	ND	0.5000	0.5098	102	0.5176	104	75-125	2	0-20	
Cobalt	ND	0.5000	0.5358	107	0.5441	109	75-125	2	0-20	
Copper	ND	0.5000	0.5309	106	0.5374	107	75-125	1	0-20	
Lead	ND	0.5000	0.4982	100	0.5074	101	75-125	2	0-20	
Molybdenum	0.02077	0.5000	0.5355	103	0.5498	106	75-125	3	0-20	
Nickel	ND	0.5000	0.5063	101	0.5163	103	75-125	2	0-20	
Selenium	ND	0.5000	0.5189	104	0.5145	103	75-125	1	0-20	
Silver	ND	0.2500	0.2597	104	0.2590	104	75-125	0	0-20	
Thallium	ND	0.5000	0.5004	100	0.5071	101	75-125	1	0-20	
Vanadium	0.05304	0.5000	0.5661	103	0.5756	105	75-125	2	0-20	
Zinc	0.01178	0.5000	0.5634	110	0.5672	111	75-125	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 7470A Total
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 5 of 16

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-1935-4	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 16:34**	**160706SA2**
16-06-1935-4	**Matrix Spike**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 16:36**	**160706SA2**
16-06-1935-4	**Matrix Spike Duplicate**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 16:39**	**160706SA2**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	0.0007434	0.01000	0.007893	71	0.008858	81	75-125	12	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 6 of 16

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2033-10	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:19**	**160706SA1**
16-06-2033-10	**Matrix Spike**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:21**	**160706SA1**
16-06-2033-10	**Matrix Spike Duplicate**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:23**	**160706SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.01000	0.009027	90	0.009054	91	75-125	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 7 of 16

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-08-08	**Sample**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:14**	**160701S04**
BB-08-08	**Matrix Spike**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:16**	**160701S04**
BB-08-08	**Matrix Spike Duplicate**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:19**	**160701S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8933	107	0.8196	98	75-125	9	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3545
Method: EPA 8081A

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-1933-4	**Sample**	**Solid**	**GC 41**	**07/01/16**	**07/07/16 17:07**	**160701S03**
16-06-1933-4	**Matrix Spike**	**Solid**	**GC 41**	**07/01/16**	**07/07/16 16:36**	**160701S03**
16-06-1933-4	**Matrix Spike Duplicate**	**Solid**	**GC 41**	**07/01/16**	**07/07/16 16:52**	**160701S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	23.13	93	20.72	83	50-135	11	0-25	
Alpha-BHC	ND	25.00	23.25	93	21.05	84	50-135	10	0-25	
Beta-BHC	ND	25.00	21.56	86	19.32	77	50-135	11	0-25	
4,4'-DDD	ND	25.00	25.68	103	28.35	113	50-135	10	0-25	
4,4'-DDE	ND	25.00	25.00	100	23.67	95	50-135	5	0-25	
4,4'-DDT	ND	25.00	25.59	102	18.06	72	50-135	35	0-25	4
Delta-BHC	ND	25.00	23.30	93	21.07	84	50-135	10	0-25	
Dieldrin	ND	25.00	24.38	98	22.72	91	50-135	7	0-25	
Endosulfan I	ND	25.00	23.04	92	22.20	89	50-135	4	0-25	
Endosulfan II	ND	25.00	26.12	104	24.28	97	50-135	7	0-25	
Endosulfan Sulfate	ND	25.00	24.01	96	23.83	95	50-135	1	0-25	
Endrin	ND	25.00	28.64	115	27.86	111	50-135	3	0-25	
Endrin Aldehyde	ND	25.00	23.91	96	25.41	102	50-135	6	0-25	
Gamma-BHC	ND	25.00	23.24	93	20.59	82	50-135	12	0-25	
Heptachlor	ND	25.00	24.39	98	21.32	85	50-135	13	0-25	
Heptachlor Epoxide	ND	25.00	23.23	93	22.28	89	50-135	4	0-25	
Methoxychlor	ND	25.00	26.53	106	21.08	84	50-135	23	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/27/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-1934
San Diego, CA 92108-1350	Preparation:	EPA 3545
	Method:	EPA 8082
Project: UTAS - Due Diligence / 43559		Page 9 of 16

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-08-03	**Sample**	**Solid**	**GC 58**	**07/01/16**	**07/06/16 10:51**	**160701S04**
BB-08-03	**Matrix Spike**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 10:31**	**160701S04**
BB-08-03	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 10:49**	**160701S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	96.00	96	93.50	94	50-135	3	0-20	
Aroclor-1260	ND	100.0	89.00	89	87.00	87	50-135	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-1543-12	**Sample**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 12:19**	**160629S007**
16-06-1543-12	**Matrix Spike**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 13:53**	**160629S007**
16-06-1543-12	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 14:24**	**160629S007**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	10.00	11.74	117	11.88	119	51-163	1	0-82	
Benzene	ND	10.00	10.16	102	10.15	102	77-121	0	0-21	
Bromobenzene	ND	10.00	10.35	104	10.39	104	78-120	0	0-20	
Bromochloromethane	ND	10.00	10.17	102	10.31	103	71-135	1	0-28	
Bromodichloromethane	ND	10.00	10.35	103	10.36	104	72-129	0	0-26	
Bromoform	ND	10.00	9.546	95	9.841	98	61-140	3	0-22	
Bromomethane	ND	10.00	10.66	107	10.54	105	63-140	1	0-36	
2-Butanone	ND	10.00	10.28	103	10.46	105	55-138	2	0-45	
n-Butylbenzene	ND	10.00	11.32	113	11.35	114	67-127	0	0-26	
sec-Butylbenzene	ND	10.00	11.02	110	10.94	109	66-122	1	0-26	
tert-Butylbenzene	ND	10.00	10.84	108	10.75	108	73-120	1	0-26	
Carbon Disulfide	ND	10.00	8.722	87	9.757	98	27-170	11	0-36	
Carbon Tetrachloride	ND	10.00	10.05	101	10.56	106	64-135	5	0-31	
Chlorobenzene	ND	10.00	10.11	101	10.26	103	80-120	1	0-20	
Chloroethane	ND	10.00	11.45	115	11.07	111	67-131	3	0-35	
2-Chloroethyl Vinyl Ether	ND	10.00	0.8532	9	0.5528	6	60-139	43	0-90	3
Chloroform	ND	10.00	10.57	106	10.46	105	75-126	1	0-20	
Chloromethane	ND	10.00	11.05	110	10.66	107	54-143	4	0-41	
2-Chlorotoluene	ND	10.00	10.64	106	10.59	106	64-123	0	0-34	
4-Chlorotoluene	ND	10.00	10.59	106	10.68	107	67-126	1	0-23	
Dibromochloromethane	ND	10.00	9.774	98	9.916	99	76-132	1	0-23	
1,2-Dibromo-3-Chloropropane	ND	10.00	9.577	96	9.838	98	65-125	3	0-31	
1,2-Dibromoethane	ND	10.00	9.761	98	10.03	100	74-130	3	0-22	
Dibromomethane	ND	10.00	9.911	99	9.887	99	75-127	0	0-29	
1,2-Dichlorobenzene	ND	10.00	10.36	104	10.33	103	78-120	0	0-19	
1,3-Dichlorobenzene	ND	10.00	10.42	104	10.19	102	75-120	2	0-22	
1,4-Dichlorobenzene	ND	10.00	10.04	100	10.22	102	78-120	2	0-21	
Dichlorodifluoromethane	ND	10.00	11.94	119	11.08	111	25-168	8	0-41	
1,1-Dichloroethane	ND	10.00	10.62	106	10.17	102	63-144	4	0-32	
1,2-Dichloroethane	ND	10.00	9.950	100	10.21	102	72-130	3	0-25	
1,1-Dichloroethene	ND	10.00	10.53	105	10.29	103	66-130	2	0-32	
c-1,2-Dichloroethene	ND	10.00	10.54	105	10.33	103	76-123	2	0-32	
t-1,2-Dichloroethene	ND	10.00	9.698	97	10.62	106	67-129	9	0-35	
Acetonitrile	ND	20.00	16.55	83	19.77	99	70-130	18	0-35	
1,2-Dichloropropane	ND	10.00	10.23	102	10.42	104	74-122	2	0-24	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acrolein	ND	20.00	23.33	117	22.96	115	70-130	2	0-35	
Acrylonitrile	ND	10.00	8.277	83	10.22	102	65-149	21	0-89	
1,3-Dichloropropane	ND	10.00	9.987	100	10.03	100	74-128	0	0-21	
2,2-Dichloropropane	ND	10.00	11.16	112	11.09	111	68-125	1	0-40	
Allyl Chloride	ND	10.00	8.716	87	9.516	95	70-130	9	0-35	
1,1-Dichloropropene	ND	10.00	10.25	103	10.48	105	68-119	2	0-26	
c-1,3-Dichloropropene	ND	10.00	9.948	99	9.989	100	76-126	0	0-24	
t-1,3-Dichloropropene	ND	10.00	10.02	100	10.02	100	71-127	0	0-22	
Ethylbenzene	ND	10.00	10.67	107	10.54	105	78-120	1	0-23	
2-Hexanone	ND	10.00	9.637	96	10.39	104	61-137	8	0-36	
Isopropylbenzene	ND	10.00	10.87	109	10.78	108	71-123	1	0-24	
p-Isopropyltoluene	ND	10.00	11.39	114	11.59	116	68-122	2	0-25	
Methylene Chloride	ND	10.00	9.550	96	10.46	105	71-129	9	0-30	
4-Methyl-2-Pentanone	ND	10.00	9.456	95	9.934	99	60-136	5	0-41	
Naphthalene	ND	10.00	10.35	104	10.72	107	55-159	3	0-30	
n-Propylbenzene	ND	10.00	10.87	109	10.75	107	64-125	1	0-35	
Styrene	ND	10.00	10.68	107	10.79	108	77-120	1	0-23	
Chloroprene	ND	10.00	10.93	109	10.51	105	70-130	4	0-35	
1,1,1,2-Tetrachloroethane	ND	10.00	10.35	104	10.36	104	79-123	0	0-20	
1,1,2,2-Tetrachloroethane	ND	10.00	9.976	100	10.12	101	67-132	1	0-25	
Tetrachloroethene	ND	10.00	9.576	96	9.480	95	72-119	1	0-24	
Toluene	ND	10.00	10.43	104	10.39	104	78-120	0	0-25	
1,2,3-Trichlorobenzene	ND	10.00	10.22	102	10.36	104	70-129	1	0-27	
Ethyl Methacrylate	ND	10.00	9.956	100	10.13	101	70-130	2	0-35	
1,2,4-Trichlorobenzene	ND	10.00	10.30	103	10.44	104	71-128	1	0-26	
1,1,1-Trichloroethane	ND	10.00	10.24	102	10.55	105	66-130	3	0-30	
Hexachloro-1,3-Butadiene	ND	10.00	11.67	117	11.45	115	52-128	2	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10.00	11.62	116	11.35	113	52-145	2	0-35	
1,1,2-Trichloroethane	ND	10.00	9.952	100	9.959	100	77-124	0	0-25	
Iodomethane	ND	20.00	17.58	88	18.93	95	70-130	7	0-35	
Trichloroethene	2.601	10.00	12.51	99	12.49	99	75-116	0	0-24	
Trichlorofluoromethane	ND	10.00	11.94	119	11.48	115	62-146	4	0-36	
Isobutyl Alcohol	ND	20.00	15.57	78	14.49	72	70-130	7	0-35	
1,2,3-Trichloropropane	ND	10.00	10.08	101	10.49	105	80-120	4	0-20	
1,2,4-Trimethylbenzene	ND	10.00	11.31	113	11.36	114	70-127	1	0-23	
Methacrylonitrile	ND	10.00	9.128	91	9.625	96	70-130	5	0-35	
Methyl Methacrylate	ND	10.00	9.504	95	9.867	99	70-130	4	0-35	
1,3,5-Trimethylbenzene	ND	10.00	11.20	112	11.21	112	72-124	0	0-23	
Vinyl Acetate	ND	10.00	7.621	76	9.153	92	45-164	18	0-74	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Vinyl Chloride	ND	10.00	11.76	118	11.26	113	60-141	4	0-34	
p/m-Xylene	ND	20.00	21.42	107	21.27	106	74-122	1	0-23	
o-Xylene	ND	10.00	10.75	107	10.74	107	74-122	0	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.430	94	10.28	103	57-144	9	0-31	
t-1,4-Dichloro-2-Butene	ND	10.00	9.896	99	10.24	102	70-130	3	0-35	
Tetrahydrofuran	ND	10.00	9.481	95	9.641	96	70-130	2	0-35	
Propionitrile	ND	10.00	9.682	97	10.38	104	70-130	7	0-35	
Tert-Butyl Alcohol (TBA)	ND	50.00	59.30	119	52.60	105	43-170	12	0-38	
Diisopropyl Ether (DIPE)	ND	10.00	10.77	108	9.933	99	70-130	8	0-35	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	10.06	101	9.893	99	70-130	2	0-35	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	9.197	92	9.550	95	70-130	4	0-35	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-01-01	**Sample**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 10:57**	**160629S002**
BB-01-01	**Matrix Spike**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 11:24**	**160629S002**
BB-01-01	**Matrix Spike Duplicate**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 11:52**	**160629S002**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	55.41	111	57.15	114	70-130	3	0-20	
Benzene	ND	50.00	39.89	80	40.49	81	61-127	2	0-20	
Bromobenzene	ND	50.00	40.45	81	42.40	85	70-130	5	0-20	
Bromochloromethane	ND	50.00	37.54	75	41.94	84	70-130	11	0-20	
Bromodichloromethane	ND	50.00	42.43	85	43.35	87	70-130	2	0-20	
Bromoform	ND	50.00	44.91	90	47.66	95	70-130	6	0-20	
Bromomethane	ND	50.00	45.28	91	42.16	84	70-130	7	0-20	
2-Butanone	ND	50.00	46.34	93	49.26	99	70-130	6	0-20	
n-Butylbenzene	ND	50.00	37.75	75	39.37	79	77-123	4	0-25	3
sec-Butylbenzene	ND	50.00	39.20	78	40.61	81	70-130	4	0-20	
tert-Butylbenzene	ND	50.00	40.21	80	41.26	83	70-130	3	0-20	
Carbon Disulfide	ND	50.00	33.17	66	34.74	69	70-130	5	0-20	3
Carbon Tetrachloride	ND	50.00	39.64	79	42.47	85	51-135	7	0-29	
Chlorobenzene	ND	50.00	40.58	81	41.85	84	57-123	3	0-20	
Chloroethane	ND	50.00	45.60	91	44.96	90	70-130	1	0-20	
Chloroform	ND	50.00	41.44	83	42.08	84	70-130	2	0-20	
Chloromethane	ND	50.00	35.45	71	33.18	66	70-130	7	0-20	3
2-Chlorotoluene	ND	50.00	39.96	80	41.43	83	70-130	4	0-20	
4-Chlorotoluene	ND	50.00	40.38	81	41.41	83	70-130	3	0-20	
Dibromochloromethane	ND	50.00	42.96	86	44.91	90	70-130	4	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	47.03	94	51.98	104	70-130	10	0-20	
1,2-Dibromoethane	ND	50.00	44.03	88	46.64	93	64-124	6	0-20	
Dibromomethane	ND	50.00	39.72	79	44.00	88	70-130	10	0-20	
1,2-Dichlorobenzene	ND	50.00	39.48	79	41.17	82	35-131	4	0-25	
1,3-Dichlorobenzene	ND	50.00	38.75	78	40.34	81	70-130	4	0-20	
1,4-Dichlorobenzene	ND	50.00	39.00	78	39.97	80	70-130	2	0-20	
Dichlorodifluoromethane	ND	50.00	29.22	58	29.34	59	70-130	0	0-20	3
1,1-Dichloroethane	ND	50.00	41.57	83	42.62	85	70-130	3	0-20	
1,2-Dichloroethane	ND	50.00	39.03	78	40.42	81	70-130	4	0-20	
1,1-Dichloroethene	ND	50.00	40.17	80	38.94	78	47-143	3	0-25	
c-1,2-Dichloroethene	ND	50.00	41.97	84	42.27	85	70-130	1	0-20	
t-1,2-Dichloroethene	ND	50.00	40.02	80	41.20	82	70-130	3	0-20	
1,2-Dichloropropane	ND	50.00	42.63	85	43.70	87	79-115	2	0-25	
1,3-Dichloropropane	ND	50.00	43.06	86	44.65	89	70-130	4	0-20	
2,2-Dichloropropane	ND	50.00	31.45	63	43.18	86	70-130	31	0-20	3,4

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	40.11	80	40.55	81	70-130	1	0-20	
c-1,3-Dichloropropene	ND	50.00	41.12	82	44.87	90	70-130	9	0-20	
t-1,3-Dichloropropene	ND	50.00	41.93	84	47.25	95	70-130	12	0-20	
Ethylbenzene	ND	50.00	41.03	82	42.21	84	57-129	3	0-22	
2-Hexanone	ND	50.00	48.48	97	52.01	104	70-130	7	0-20	
Isopropylbenzene	ND	50.00	41.16	82	42.58	85	70-130	3	0-20	
p-Isopropyltoluene	ND	50.00	39.19	78	40.83	82	70-130	4	0-20	
Methylene Chloride	ND	50.00	41.51	83	41.83	84	70-130	1	0-20	
4-Methyl-2-Pentanone	ND	50.00	48.15	96	50.78	102	70-130	5	0-20	
Naphthalene	ND	50.00	41.43	83	45.64	91	70-130	10	0-20	
n-Propylbenzene	ND	50.00	38.93	78	40.53	81	70-130	4	0-20	
Styrene	ND	50.00	41.57	83	43.56	87	70-130	5	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	44.58	89	46.78	94	70-130	5	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	45.02	90	48.12	96	70-130	7	0-20	
Tetrachloroethene	ND	50.00	46.81	94	47.02	94	70-130	0	0-20	
Toluene	ND	50.00	40.18	80	41.22	82	63-123	3	0-20	
1,2,3-Trichlorobenzene	ND	50.00	35.51	71	38.27	77	70-130	7	0-20	
1,2,4-Trichlorobenzene	ND	50.00	36.91	74	39.10	78	70-130	6	0-20	
1,1,1-Trichloroethane	ND	50.00	41.33	83	42.05	84	70-130	2	0-20	
1,1,2-Trichloroethane	ND	50.00	44.12	88	45.36	91	70-130	3	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	41.39	83	41.08	82	70-130	1	0-20	
Trichloroethene	ND	50.00	42.12	84	42.10	84	44-158	0	0-20	
1,2,3-Trichloropropane	ND	50.00	44.34	89	49.97	100	70-130	12	0-20	
1,2,4-Trimethylbenzene	ND	50.00	39.63	79	40.40	81	70-130	2	0-20	
Trichlorofluoromethane	ND	50.00	43.42	87	39.56	79	70-130	9	0-20	
1,3,5-Trimethylbenzene	ND	50.00	39.82	80	41.21	82	70-130	3	0-20	
Vinyl Acetate	ND	50.00	12.35	25	18.42	37	70-130	39	0-20	3,4
Vinyl Chloride	ND	50.00	41.28	83	41.37	83	49-139	0	0-47	
p/m-Xylene	ND	100.0	81.10	81	82.66	83	70-130	2	0-20	
o-Xylene	ND	50.00	41.59	83	42.71	85	70-130	3	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	43.36	87	45.96	92	57-123	6	0-21	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2033-1	**Sample**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 11:24**	**160701S002**
16-06-2033-1	**Matrix Spike**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 11:52**	**160701S002**
16-06-2033-1	**Matrix Spike Duplicate**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 12:19**	**160701S002**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	45.75	91	46.88	94	70-130	2	0-20	
Benzene	ND	50.00	45.31	91	45.53	91	61-127	0	0-20	
Bromobenzene	ND	50.00	50.05	100	50.29	101	70-130	0	0-20	
Bromochloromethane	ND	50.00	44.60	89	41.57	83	70-130	7	0-20	
Bromodichloromethane	ND	50.00	47.72	95	48.33	97	70-130	1	0-20	
Bromoform	ND	50.00	47.91	96	46.81	94	70-130	2	0-20	
Bromomethane	ND	50.00	51.95	104	56.37	113	70-130	8	0-20	
2-Butanone	ND	50.00	43.15	86	40.54	81	70-130	6	0-20	
n-Butylbenzene	ND	50.00	45.64	91	46.41	93	77-123	2	0-25	
sec-Butylbenzene	ND	50.00	46.21	92	46.30	93	70-130	0	0-20	
tert-Butylbenzene	ND	50.00	46.03	92	45.95	92	70-130	0	0-20	
Carbon Disulfide	ND	50.00	43.07	86	43.71	87	70-130	1	0-20	
Carbon Tetrachloride	ND	50.00	46.85	94	47.59	95	51-135	2	0-29	
Chlorobenzene	ND	50.00	47.10	94	46.80	94	57-123	1	0-20	
Chloroethane	ND	50.00	56.40	113	61.89	124	70-130	9	0-20	
Chloroform	ND	50.00	43.36	87	44.49	89	70-130	3	0-20	
Chloromethane	ND	50.00	44.12	88	46.49	93	70-130	5	0-20	
2-Chlorotoluene	ND	50.00	47.09	94	48.57	97	70-130	3	0-20	
4-Chlorotoluene	ND	50.00	46.07	92	45.92	92	70-130	0	0-20	
Dibromochloromethane	ND	50.00	48.60	97	48.18	96	70-130	1	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	46.79	94	44.82	90	70-130	4	0-20	
1,2-Dibromoethane	ND	50.00	49.25	98	48.10	96	64-124	2	0-20	
Dibromomethane	ND	50.00	46.15	92	45.61	91	70-130	1	0-20	
1,2-Dichlorobenzene	ND	50.00	46.67	93	46.30	93	35-131	1	0-25	
1,3-Dichlorobenzene	ND	50.00	46.80	94	46.99	94	70-130	0	0-20	
1,4-Dichlorobenzene	ND	50.00	46.66	93	45.96	92	70-130	2	0-20	
Dichlorodifluoromethane	ND	50.00	40.02	80	40.11	80	70-130	0	0-20	
1,1-Dichloroethane	ND	50.00	43.30	87	43.56	87	70-130	1	0-20	
1,2-Dichloroethane	ND	50.00	43.17	86	43.42	87	70-130	1	0-20	
1,1-Dichloroethene	ND	50.00	42.83	86	44.06	88	47-143	3	0-25	
c-1,2-Dichloroethene	ND	50.00	43.78	88	44.41	89	70-130	1	0-20	
t-1,2-Dichloroethene	ND	50.00	45.82	92	46.25	93	70-130	1	0-20	
1,2-Dichloropropane	ND	50.00	45.93	92	46.50	93	79-115	1	0-25	
1,3-Dichloropropane	ND	50.00	46.28	93	45.26	91	70-130	2	0-20	
2,2-Dichloropropane	ND	50.00	44.15	88	42.78	86	70-130	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	43.96	88	44.35	89	70-130	1	0-20	
c-1,3-Dichloropropene	ND	50.00	46.44	93	46.69	93	70-130	1	0-20	
t-1,3-Dichloropropene	ND	50.00	48.96	98	47.55	95	70-130	3	0-20	
Ethylbenzene	ND	50.00	48.12	96	48.10	96	57-129	0	0-22	
2-Hexanone	ND	50.00	46.01	92	44.30	89	70-130	4	0-20	
Isopropylbenzene	ND	50.00	49.07	98	49.41	99	70-130	1	0-20	
p-Isopropyltoluene	ND	50.00	47.01	94	47.35	95	70-130	1	0-20	
Methylene Chloride	ND	50.00	43.82	88	43.99	88	70-130	0	0-20	
4-Methyl-2-Pentanone	ND	50.00	46.42	93	43.43	87	70-130	7	0-20	
Naphthalene	ND	50.00	47.07	94	46.78	94	70-130	1	0-20	
n-Propylbenzene	ND	50.00	47.65	95	48.11	96	70-130	1	0-20	
Styrene	ND	50.00	49.20	98	48.87	98	70-130	1	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	50.78	102	50.45	101	70-130	1	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	46.48	93	43.31	87	70-130	7	0-20	
Tetrachloroethene	ND	50.00	54.00	108	57.91	116	70-130	7	0-20	
Toluene	ND	50.00	46.26	93	46.22	92	63-123	0	0-20	
1,2,3-Trichlorobenzene	ND	50.00	45.37	91	46.42	93	70-130	2	0-20	
1,2,4-Trichlorobenzene	ND	50.00	47.34	95	47.41	95	70-130	0	0-20	
1,1,1-Trichloroethane	ND	50.00	44.53	89	45.40	91	70-130	2	0-20	
1,1,2-Trichloroethane	ND	50.00	46.60	93	46.15	92	70-130	1	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	45.72	91	47.37	95	70-130	4	0-20	
Trichloroethene	ND	50.00	46.50	93	47.29	95	44-158	2	0-20	
1,2,3-Trichloropropane	ND	50.00	49.27	99	46.96	94	70-130	5	0-20	
1,2,4-Trimethylbenzene	ND	50.00	45.76	92	45.81	92	70-130	0	0-20	
Trichlorofluoromethane	ND	50.00	50.11	100	51.27	103	70-130	2	0-20	
1,3,5-Trimethylbenzene	ND	50.00	48.60	97	49.47	99	70-130	2	0-20	
Vinyl Acetate	ND	50.00	27.39	55	19.32	39	70-130	35	0-20	3,4
Vinyl Chloride	ND	50.00	56.61	113	60.91	122	49-139	7	0-47	
p/m-Xylene	ND	100.0	95.22	95	95.44	95	70-130	0	0-20	
o-Xylene	ND	50.00	48.25	96	48.88	98	70-130	1	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	44.60	89	43.98	88	57-123	1	0-21	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
BB-08-08	**Sample**	**Solid**	**ICP 7300**	**06/29/16 00:00**	**07/01/16 15:23**	**160629S03**
BB-08-08	**PDS**	**Solid**	**ICP 7300**	**06/29/16 00:00**	**07/01/16 15:26**	**160629S03**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	22.17	89	75-125	
Arsenic	2.352	25.00	23.51	85	75-125	
Barium	97.58	25.00	118.5	84	75-125	
Beryllium	0.2437	25.00	23.52	93	75-125	
Cadmium	ND	25.00	22.79	91	75-125	
Chromium	17.90	25.00	40.59	91	75-125	
Cobalt	6.322	25.00	29.24	92	75-125	
Copper	8.876	25.00	32.72	95	75-125	
Lead	2.628	25.00	25.16	90	75-125	
Molybdenum	ND	25.00	22.41	90	75-125	
Nickel	5.594	25.00	27.84	89	75-125	
Selenium	1.068	25.00	21.38	81	75-125	
Silver	ND	12.50	11.44	91	75-125	
Thallium	ND	25.00	22.44	90	75-125	
Vanadium	61.71	25.00	82.96	85	75-125	
Zinc	27.72	25.00	48.26	82	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**PDS**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:04**	**160630SA2**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	0.5000	0.5056	101	75-125	
Arsenic	ND	0.5000	0.5028	101	75-125	
Barium	0.02259	0.5000	0.5211	100	75-125	
Beryllium	ND	0.5000	0.4994	100	75-125	
Cadmium	ND	0.5000	0.5080	102	75-125	
Chromium	ND	0.5000	0.4975	99	75-125	
Cobalt	ND	0.5000	0.5163	103	75-125	
Copper	ND	0.5000	0.5165	103	75-125	
Lead	ND	0.5000	0.4830	97	75-125	
Molybdenum	0.02077	0.5000	0.5206	100	75-125	
Nickel	ND	0.5000	0.4890	98	75-125	
Selenium	ND	0.5000	0.4911	98	75-125	
Silver	ND	0.2500	0.2516	101	75-125	
Thallium	ND	0.5000	0.4828	97	75-125	
Vanadium	0.05304	0.5000	0.5554	100	75-125	
Zinc	0.01178	0.5000	0.5512	108	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 7470A Total
Method: EPA 7470A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-1935-4	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 16:34**	**160706SA2**
16-06-1935-4	**PDS**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 16:45**	**160706SA2**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	0.0007434	0.01000	0.009083	83	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 7470A Filt.
Method: EPA 7470A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2033-10	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:19**	**160706SA1**
16-06-2033-10	**PDS**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:50**	**160706SA1**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.01000	0.008861	89	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,	Date Received: 06/27/16
5333 Mission Center Rd., Suite 300	Work Order: 16-06-1934
San Diego, CA 92108-1350	Preparation: N/A
	Method: ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559	Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-06-1935-1	**Sample**	**Solid**	**N/A**	**06/28/16 00:00**	**06/28/16 23:00**	**G0628MOID4**
16-06-1935-1	**Sample Duplicate**	**Solid**	**N/A**	**06/28/16 00:00**	**06/28/16 23:00**	**G0628MOID4**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	10.50	10.40	1	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,	Date Received: 06/27/16
5333 Mission Center Rd., Suite 300	Work Order: 16-06-1934
San Diego, CA 92108-1350	Preparation: N/A
	Method: ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559	Page 2 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
BB-04-01	**Sample**	**Solid**	**N/A**	**07/11/16 00:00**	**07/11/16 12:00**	**G0711MOID1**
BB-04-01	**Sample Duplicate**	**Solid**	**N/A**	**07/11/16 00:00**	**07/11/16 12:00**	**G0711MOID1**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	7.100	6.600	7	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8310
Project: UTAS - Due Diligence / 43559			Page 1 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-07-002-1878	**LCS**	**Solid**	**HPLC 5**	**07/01/16**	**07/05/16 16:29**	**160701L20**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	100.0	126.0	126	17-203	0-234	
Acenaphthylene	100.0	93.14	93	50-120	38-132	
Acenaphthene	100.0	85.65	86	41-120	28-133	
Fluorene	100.0	86.18	86	51-120	40-132	
Phenanthrene	100.0	89.37	89	56-120	45-131	
Anthracene	100.0	86.48	86	49-120	37-132	
Fluoranthene	100.0	92.03	92	60-120	50-130	
Pyrene	100.0	100.4	100	61-121	51-131	
Benzo (a) Anthracene	100.0	95.36	95	61-121	51-131	
Chrysene	100.0	91.95	92	61-121	51-131	
Benzo (b) Fluoranthene	100.0	90.44	90	61-121	51-131	
Benzo (k) Fluoranthene	100.0	85.03	85	57-129	45-141	
Benzo (a) Pyrene	100.0	92.84	93	43-120	30-133	
Dibenz (a,h) Anthracene	100.0	87.86	88	59-125	48-136	
Benzo (g,h,i) Perylene	100.0	95.04	95	57-123	46-134	
Indeno (1,2,3-c,d) Pyrene	100.0	91.46	91	64-130	53-141	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2142	**LCS**	**Solid**	**GC 48**	**06/29/16**	**06/29/16 13:55**	**160629B01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	386.2	97	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 3 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22879	**LCS**	**Solid**	**ICP 7300**	**06/29/16**	**07/01/16 13:29**	**160629L03U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	22.04	88	80-120	73-127	
Arsenic	25.00	21.57	86	80-120	73-127	
Barium	25.00	23.90	96	80-120	73-127	
Beryllium	25.00	21.56	86	80-120	73-127	
Cadmium	25.00	23.25	93	80-120	73-127	
Chromium	25.00	23.45	94	80-120	73-127	
Cobalt	25.00	24.70	99	80-120	73-127	
Copper	25.00	23.32	93	80-120	73-127	
Lead	25.00	23.45	94	80-120	73-127	
Molybdenum	25.00	22.67	91	80-120	73-127	
Nickel	25.00	23.63	95	80-120	73-127	
Selenium	25.00	21.36	85	80-120	73-127	
Silver	12.50	11.44	92	80-120	73-127	
Thallium	25.00	23.72	95	80-120	73-127	
Vanadium	25.00	22.21	89	80-120	73-127	
Zinc	25.00	23.16	93	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 4 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-460-98	**LCS**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:29**	**160630LA2U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	0.5000	0.4709	94	80-120	73-127	
Arsenic	0.5000	0.4486	90	80-120	73-127	
Barium	0.5000	0.4910	98	80-120	73-127	
Beryllium	0.5000	0.4458	89	80-120	73-127	
Cadmium	0.5000	0.4796	96	80-120	73-127	
Chromium	0.5000	0.4805	96	80-120	73-127	
Cobalt	0.5000	0.5087	102	80-120	73-127	
Copper	0.5000	0.4784	96	80-120	73-127	
Lead	0.5000	0.4913	98	80-120	73-127	
Molybdenum	0.5000	0.4732	95	80-120	73-127	
Nickel	0.5000	0.4797	96	80-120	73-127	
Selenium	0.5000	0.4394	88	80-120	73-127	
Silver	0.2500	0.2368	95	80-120	73-127	
Thallium	0.5000	0.4896	98	80-120	73-127	
Vanadium	0.5000	0.4589	92	80-120	73-127	
Zinc	0.5000	0.4847	97	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 7470A Total
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 5 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-452-10	**LCS**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 16:32**	**160706LA2**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.01000	0.009701	97	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 6 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-456-3	**LCS**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:16**	**160706LA1F**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.01000	0.01003	100	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 7 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-42	**LCS**	**Solid**	**Mercury 05**	**07/01/16**	**07/05/16 16:12**	**160701L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.8491	102	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8081A
Project: UTAS - Due Diligence / 43559			Page 8 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-2462	**LCS**	**Solid**	**GC 41**	**07/01/16**	**07/07/16 18:48**	**160701L03**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	21.31	85	50-135	36-149	
Alpha-BHC	25.00	22.17	89	50-135	36-149	
Beta-BHC	25.00	21.27	85	50-135	36-149	
4,4'-DDD	25.00	23.86	95	50-135	36-149	
4,4'-DDE	25.00	22.33	89	50-135	36-149	
4,4'-DDT	25.00	19.87	79	50-135	36-149	
Delta-BHC	25.00	23.05	92	50-135	36-149	
Dieldrin	25.00	21.99	88	50-135	36-149	
Endosulfan I	25.00	20.93	84	50-135	36-149	
Endosulfan II	25.00	23.93	96	50-135	36-149	
Endosulfan Sulfate	25.00	22.91	92	50-135	36-149	
Endrin	25.00	19.34	77	50-135	36-149	
Endrin Aldehyde	25.00	22.30	89	50-135	36-149	
Gamma-BHC	25.00	22.44	90	50-135	36-149	
Heptachlor	25.00	22.24	89	50-135	36-149	
Heptachlor Epoxide	25.00	21.52	86	50-135	36-149	
Methoxychlor	25.00	20.91	84	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8082
Project: UTAS - Due Diligence / 43559			Page 9 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-3808	**LCS**	**Solid**	**GC 58**	**07/01/16**	**07/02/16 10:13**	**160701L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	94.00	94	50-135	
Aroclor-1260	100.0	95.50	96	50-135	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 10 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-446-105	**LCS**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 09:49**	**160629L007**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	10.00	7.899	79	51-163	32-182	
Benzene	10.00	9.933	99	77-121	70-128	
Bromobenzene	10.00	9.753	98	78-120	71-127	
Bromochloromethane	10.00	9.752	98	71-135	60-146	
Bromodichloromethane	10.00	10.10	101	72-129	62-138	
Bromoform	10.00	10.16	102	61-140	48-153	
Bromomethane	10.00	9.643	96	63-140	50-153	
2-Butanone	10.00	8.586	86	55-138	41-152	
n-Butylbenzene	10.00	10.75	108	67-127	57-137	
sec-Butylbenzene	10.00	10.70	107	66-122	57-131	
tert-Butylbenzene	10.00	10.48	105	73-120	65-128	
Carbon Disulfide	10.00	10.27	103	27-170	3-194	
Carbon Tetrachloride	10.00	10.68	107	64-135	52-147	
Chlorobenzene	10.00	9.780	98	80-120	73-127	
Chloroethane	10.00	9.801	98	67-131	56-142	
2-Chloroethyl Vinyl Ether	10.00	8.017	80	60-139	47-152	
Chloroform	10.00	9.652	97	75-126	66-134	
Chloromethane	10.00	8.904	89	54-143	39-158	
2-Chlorotoluene	10.00	10.10	101	64-123	54-133	
4-Chlorotoluene	10.00	10.18	102	67-126	57-136	
Dibromochloromethane	10.00	9.944	99	76-132	67-141	
1,2-Dibromo-3-Chloropropane	10.00	8.819	88	65-125	55-135	
1,2-Dibromoethane	10.00	9.358	94	74-130	65-139	
Dibromomethane	10.00	9.141	91	75-127	66-136	
1,2-Dichlorobenzene	10.00	9.775	98	78-120	71-127	
1,3-Dichlorobenzene	10.00	9.981	100	75-120	68-128	
1,4-Dichlorobenzene	10.00	9.745	97	78-120	71-127	
Dichlorodifluoromethane	10.00	10.26	103	25-168	1-192	
1,1-Dichloroethane	10.00	10.17	102	63-144	50-158	
1,2-Dichloroethane	10.00	9.141	91	72-130	62-140	
1,1-Dichloroethene	10.00	9.924	99	66-130	55-141	
c-1,2-Dichloroethene	10.00	10.03	100	76-123	68-131	
t-1,2-Dichloroethene	10.00	10.50	105	67-129	57-139	
Acetonitrile	20.00	20.18	101	70-130	60-140	
1,2-Dichloropropane	10.00	9.933	99	74-122	66-130	
Acrolein	20.00	19.97	100	70-130	60-140	
Acrylonitrile	10.00	8.527	85	65-149	51-163	
1,3-Dichloropropane	10.00	9.231	92	74-128	65-137	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
2,2-Dichloropropane	10.00	11.34	113	68-125	58-134	
Allyl Chloride	10.00	10.15	101	70-130	60-140	
1,1-Dichloropropene	10.00	10.06	101	68-119	60-128	
c-1,3-Dichloropropene	10.00	10.15	102	76-126	68-134	
t-1,3-Dichloropropene	10.00	10.06	101	71-127	62-136	
Ethylbenzene	10.00	10.25	102	78-120	71-127	
2-Hexanone	10.00	8.384	84	61-137	48-150	
Isopropylbenzene	10.00	10.36	104	71-123	62-132	
p-Isopropyltoluene	10.00	10.90	109	68-122	59-131	
Methylene Chloride	10.00	9.785	98	71-129	61-139	
4-Methyl-2-Pentanone	10.00	8.251	83	60-136	47-149	
Naphthalene	10.00	8.975	90	55-159	38-176	
n-Propylbenzene	10.00	10.34	103	64-125	54-135	
Styrene	10.00	10.01	100	77-120	70-127	
Chloroprene	10.00	10.65	106	70-130	60-140	
1,1,1,2-Tetrachloroethane	10.00	10.74	107	79-123	72-130	
1,1,2,2-Tetrachloroethane	10.00	8.972	90	67-132	56-143	
Tetrachloroethene	10.00	9.873	99	72-119	64-127	
Toluene	10.00	10.11	101	78-120	71-127	
1,2,3-Trichlorobenzene	10.00	9.135	91	70-129	60-139	
Ethyl Methacrylate	10.00	8.650	86	70-130	60-140	
1,2,4-Trichlorobenzene	10.00	9.776	98	71-128	62-138	
1,1,1-Trichloroethane	10.00	9.944	99	66-130	55-141	
Hexachloro-1,3-Butadiene	10.00	11.21	112	52-128	39-141	
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.00	11.23	112	52-145	36-160	
1,1,2-Trichloroethane	10.00	9.087	91	77-124	69-132	
Iodomethane	20.00	21.56	108	70-130	60-140	
Trichloroethene	10.00	10.11	101	75-116	68-123	
Trichlorofluoromethane	10.00	10.30	103	62-146	48-160	
Isobutyl Alcohol	20.00	11.98	60	70-130	60-140	ME
1,2,3-Trichloropropane	10.00	9.192	92	80-120	73-127	
1,2,4-Trimethylbenzene	10.00	10.32	103	70-127	60-136	
Methacrylonitrile	10.00	8.606	86	70-130	60-140	
Methyl Methacrylate	10.00	8.555	86	70-130	60-140	
1,3,5-Trimethylbenzene	10.00	10.42	104	72-124	63-133	
Vinyl Acetate	10.00	8.130	81	45-164	25-184	
Vinyl Chloride	10.00	9.833	98	60-141	46-154	
p/m-Xylene	20.00	20.53	103	74-122	66-130	
o-Xylene	10.00	10.20	102	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)	10.00	9.055	91	57-144	42-158	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/27/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-1934
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 12 of 19

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
t-1,4-Dichloro-2-Butene	10.00	9.473	95	70-130	60-140	
Tetrahydrofuran	10.00	8.469	85	70-130	60-140	
Propionitrile	10.00	8.426	84	70-130	60-140	
Tert-Butyl Alcohol (TBA)	50.00	52.59	105	43-170	22-191	
Diisopropyl Ether (DIPE)	10.00	10.05	101	70-130	60-140	
Ethyl-t-Butyl Ether (ETBE)	10.00	9.513	95	70-130	60-140	
Tert-Amyl-Methyl Ether (TAME)	10.00	8.821	88	70-130	60-140	

Total number of LCS compounds: 85
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-16-446-106	**LCS**	**Aqueous**	**GC/MS FFF**	**07/05/16**	**07/05/16 18:15**	**160705L024**
099-16-446-106	**LCSD**	**Aqueous**	**GC/MS FFF**	**07/05/16**	**07/05/16 19:32**	**160705L024**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Acetone	10.00	7.394	74	9.750	98	51-163	32-182	27	0-82	
Benzene	10.00	10.15	101	10.55	106	77-121	70-128	4	0-21	
Bromobenzene	10.00	9.910	99	9.872	99	78-120	71-127	0	0-20	
Bromochloromethane	10.00	10.07	101	10.02	100	71-135	60-146	0	0-28	
Bromodichloromethane	10.00	10.12	101	10.30	103	72-129	62-138	2	0-26	
Bromoform	10.00	10.09	101	10.10	101	61-140	48-153	0	0-22	
Bromomethane	10.00	15.31	153	13.47	135	63-140	50-153	13	0-36	ME
2-Butanone	10.00	9.437	94	9.076	91	55-138	41-152	4	0-45	
n-Butylbenzene	10.00	10.58	106	11.28	113	67-127	57-137	6	0-26	
sec-Butylbenzene	10.00	10.73	107	11.24	112	66-122	57-131	5	0-26	
tert-Butylbenzene	10.00	10.12	101	11.04	110	73-120	65-128	9	0-26	
Carbon Disulfide	10.00	11.15	112	11.66	117	27-170	3-194	4	0-36	
Carbon Tetrachloride	10.00	11.18	112	11.65	117	64-135	52-147	4	0-31	
Chlorobenzene	10.00	10.08	101	10.28	103	80-120	73-127	2	0-20	
Chloroethane	10.00	10.16	102	10.25	102	67-131	56-142	1	0-35	
2-Chloroethyl Vinyl Ether	10.00	4.304	43	4.075	41	60-139	47-152	5	0-90	X
Chloroform	10.00	10.04	100	10.30	103	75-126	66-134	3	0-31	
Chloromethane	10.00	9.856	99	9.688	97	54-143	39-158	2	0-41	
2-Chlorotoluene	10.00	10.14	101	10.47	105	64-123	54-133	3	0-34	
4-Chlorotoluene	10.00	10.46	105	10.85	109	67-126	57-136	4	0-23	
Dibromochloromethane	10.00	9.834	98	10.00	100	76-132	67-141	2	0-23	
1,2-Dibromo-3-Chloropropane	10.00	9.180	92	9.233	92	65-125	55-135	1	0-31	
1,2-Dibromoethane	10.00	9.584	96	9.802	98	74-130	65-139	2	0-22	
Dibromomethane	10.00	9.433	94	9.356	94	75-127	66-136	1	0-29	
1,2-Dichlorobenzene	10.00	10.10	101	10.32	103	78-120	71-127	2	0-19	
1,3-Dichlorobenzene	10.00	10.18	102	10.40	104	75-120	68-128	2	0-22	
1,4-Dichlorobenzene	10.00	10.05	101	10.42	104	78-120	71-127	4	0-21	
Dichlorodifluoromethane	10.00	12.29	123	9.778	98	25-168	1-192	23	0-41	
1,1-Dichloroethane	10.00	10.43	104	10.82	108	63-144	50-158	4	0-32	
1,2-Dichloroethane	10.00	9.596	96	9.740	97	72-130	62-140	1	0-25	
1,1-Dichloroethene	10.00	10.62	106	10.85	109	66-130	55-141	2	0-32	
c-1,2-Dichloroethene	10.00	10.01	100	10.40	104	76-123	68-131	4	0-32	
t-1,2-Dichloroethene	10.00	10.83	108	11.13	111	67-129	57-139	3	0-35	
Acetonitrile	20.00	21.35	107	22.64	113	70-130	60-140	6	0-35	
1,2-Dichloropropane	10.00	10.08	101	10.31	103	74-122	66-130	2	0-24	
Acrolein	20.00	21.18	106	20.42	102	70-130	60-140	4	0-35	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Acrylonitrile	10.00	9.312	93	9.290	93	65-149	51-163	0	0-89	
1,3-Dichloropropane	10.00	9.507	95	9.608	96	74-128	65-137	1	0-21	
2,2-Dichloropropane	10.00	9.174	92	11.82	118	68-125	58-134	25	0-40	
Allyl Chloride	10.00	11.02	110	11.61	116	70-130	60-140	5	0-35	
1,1-Dichloropropene	10.00	10.63	106	11.24	112	68-119	60-128	6	0-26	
c-1,3-Dichloropropene	10.00	9.511	95	10.02	100	76-126	68-134	5	0-24	
t-1,3-Dichloropropene	10.00	9.728	97	10.22	102	71-127	62-136	5	0-22	
Ethylbenzene	10.00	10.38	104	10.73	107	78-120	71-127	3	0-23	
2-Hexanone	10.00	8.657	87	8.396	84	61-137	48-150	3	0-36	
Isopropylbenzene	10.00	10.48	105	10.85	108	71-123	62-132	3	0-24	
p-Isopropyltoluene	10.00	10.81	108	11.23	112	68-122	59-131	4	0-25	
Methylene Chloride	10.00	10.16	102	10.40	104	71-129	61-139	2	0-30	
4-Methyl-2-Pentanone	10.00	8.567	86	8.307	83	60-136	47-149	3	0-41	
Naphthalene	10.00	9.464	95	9.229	92	55-159	38-176	3	0-30	
n-Propylbenzene	10.00	10.27	103	10.75	107	64-125	54-135	5	0-35	
Styrene	10.00	10.16	102	10.31	103	77-120	70-127	2	0-23	
Chloroprene	10.00	10.79	108	11.39	114	70-130	60-140	5	0-35	
1,1,1,2-Tetrachloroethane	10.00	10.64	106	10.74	107	79-123	72-130	1	0-20	
1,1,2,2-Tetrachloroethane	10.00	9.016	90	9.307	93	67-132	56-143	3	0-25	
Tetrachloroethene	10.00	13.67	137	10.95	110	72-119	64-127	22	0-24	X
Toluene	10.00	10.18	102	10.48	105	78-120	71-127	3	0-25	
1,2,3-Trichlorobenzene	10.00	9.447	94	9.584	96	70-129	60-139	1	0-27	
Ethyl Methacrylate	10.00	8.719	87	8.600	86	70-130	60-140	1	0-35	
1,2,4-Trichlorobenzene	10.00	9.993	100	10.33	103	71-128	62-138	3	0-26	
1,1,1-Trichloroethane	10.00	10.48	105	10.91	109	66-130	55-141	4	0-30	
Hexachloro-1,3-Butadiene	10.00	10.58	106	10.91	109	52-128	39-141	3	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.00	12.52	125	11.65	116	52-145	36-160	7	0-35	
1,1,2-Trichloroethane	10.00	9.369	94	9.470	95	77-124	69-132	1	0-25	
Iodomethane	20.00	18.95	95	30.73	154	70-130	60-140	47	0-35	X
Trichloroethene	10.00	10.31	103	10.74	107	75-116	68-123	4	0-24	
Trichlorofluoromethane	10.00	11.15	111	10.78	108	62-146	48-160	3	0-36	
Isobutyl Alcohol	20.00	17.23	86	16.61	83	70-130	60-140	4	0-35	
1,2,3-Trichloropropane	10.00	9.046	90	8.968	90	80-120	73-127	1	0-20	
1,2,4-Trimethylbenzene	10.00	10.57	106	10.89	109	70-127	60-136	3	0-23	
Methacrylonitrile	10.00	8.872	89	9.035	90	70-130	60-140	2	0-35	
Methyl Methacrylate	10.00	8.715	87	8.642	86	70-130	60-140	1	0-35	
1,3,5-Trimethylbenzene	10.00	10.32	103	10.70	107	72-124	63-133	4	0-23	
Vinyl Acetate	10.00	9.075	91	9.580	96	45-164	25-184	5	0-74	
Vinyl Chloride	10.00	10.55	105	11.03	110	60-141	46-154	4	0-34	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Haley & Aldrich, Inc,	Date Received:	06/27/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-1934
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 15 of 19

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
p/m-Xylene	20.00	20.76	104	21.41	107	74-122	66-130	3	0-23	
o-Xylene	10.00	10.31	103	10.51	105	74-122	66-130	2	0-24	
Methyl-t-Butyl Ether (MTBE)	10.00	9.488	95	9.606	96	57-144	42-158	1	0-31	
t-1,4-Dichloro-2-Butene	10.00	8.786	88	9.116	91	70-130	60-140	4	0-35	
Tetrahydrofuran	10.00	8.926	89	8.949	89	70-130	60-140	0	0-35	
Propionitrile	10.00	8.668	87	8.990	90	70-130	60-140	4	0-35	
Tert-Butyl Alcohol (TBA)	50.00	66.80	134	50.43	101	43-170	22-191	28	0-38	
Diisopropyl Ether (DIPE)	10.00	10.31	103	10.56	106	70-130	60-140	2	0-35	
Ethyl-t-Butyl Ether (ETBE)	10.00	9.598	96	9.764	98	70-130	60-140	2	0-35	
Tert-Amyl-Methyl Ether (TAME)	10.00	9.170	92	9.076	91	70-130	60-140	1	0-35	

Total number of LCS compounds: 85
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/27/16
Work Order: 16-06-1934
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-569	**LCS**	**Solid**	**GC/MS BB**	**06/29/16**	**06/29/16 09:04**	**160629L003**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	50.15	100	70-130	60-140	
Benzene	50.00	43.40	87	78-120	71-127	
Bromobenzene	50.00	46.43	93	70-130	60-140	
Bromochloromethane	50.00	41.93	84	70-130	60-140	
Bromodichloromethane	50.00	46.91	94	70-130	60-140	
Bromoform	50.00	49.39	99	70-130	60-140	
Bromomethane	50.00	47.91	96	70-130	60-140	
2-Butanone	50.00	45.48	91	70-130	60-140	
n-Butylbenzene	50.00	48.23	96	77-123	69-131	
sec-Butylbenzene	50.00	47.71	95	70-130	60-140	
tert-Butylbenzene	50.00	47.92	96	70-130	60-140	
Carbon Disulfide	50.00	37.36	75	70-130	60-140	
Carbon Tetrachloride	50.00	46.16	92	49-139	34-154	
Chlorobenzene	50.00	45.27	91	79-120	72-127	
Chloroethane	50.00	49.61	99	70-130	60-140	
Chloroform	50.00	44.68	89	70-130	60-140	
Chloromethane	50.00	36.54	73	70-130	60-140	
2-Chlorotoluene	50.00	46.93	94	70-130	60-140	
4-Chlorotoluene	50.00	46.53	93	70-130	60-140	
Dibromochloromethane	50.00	46.49	93	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	49.15	98	70-130	60-140	
1,2-Dibromoethane	50.00	46.93	94	70-130	60-140	
Dibromomethane	50.00	44.83	90	70-130	60-140	
1,2-Dichlorobenzene	50.00	46.38	93	75-120	68-128	
1,3-Dichlorobenzene	50.00	46.70	93	70-130	60-140	
1,4-Dichlorobenzene	50.00	46.65	93	70-130	60-140	
Dichlorodifluoromethane	50.00	31.97	64	70-130	60-140	ME
1,1-Dichloroethane	50.00	45.31	91	70-130	60-140	
1,2-Dichloroethane	50.00	41.64	83	70-130	60-140	
1,1-Dichloroethene	50.00	44.71	89	74-122	66-130	
c-1,2-Dichloroethene	50.00	45.32	91	70-130	60-140	
t-1,2-Dichloroethene	50.00	44.47	89	70-130	60-140	
1,2-Dichloropropane	50.00	46.56	93	79-115	73-121	
1,3-Dichloropropane	50.00	45.79	92	70-130	60-140	
2,2-Dichloropropane	50.00	45.61	91	70-130	60-140	
1,1-Dichloropropene	50.00	44.01	88	70-130	60-140	
c-1,3-Dichloropropene	50.00	47.21	94	70-130	60-140	
t-1,3-Dichloropropene	50.00	49.12	98	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/27/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-1934
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 17 of 19

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	46.16	92	76-120	69-127	
2-Hexanone	50.00	47.27	95	70-130	60-140	
Isopropylbenzene	50.00	48.04	96	70-130	60-140	
p-Isopropyltoluene	50.00	48.19	96	70-130	60-140	
Methylene Chloride	50.00	44.11	88	70-130	60-140	
4-Methyl-2-Pentanone	50.00	47.34	95	70-130	60-140	
Naphthalene	50.00	51.14	102	70-130	60-140	
n-Propylbenzene	50.00	46.75	93	70-130	60-140	
Styrene	50.00	47.85	96	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	49.58	99	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	47.95	96	70-130	60-140	
Tetrachloroethene	50.00	42.84	86	70-130	60-140	
Toluene	50.00	44.40	89	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	49.21	98	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	50.46	101	70-130	60-140	
1,1,1-Trichloroethane	50.00	45.25	90	70-130	60-140	
1,1,2-Trichloroethane	50.00	46.27	93	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	46.53	93	70-130	60-140	
Trichloroethene	50.00	44.38	89	70-130	60-140	
1,2,3-Trichloropropane	50.00	48.94	98	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	46.40	93	70-130	60-140	
Trichlorofluoromethane	50.00	43.32	87	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	47.40	95	70-130	60-140	
Vinyl Acetate	50.00	42.65	85	70-130	60-140	
Vinyl Chloride	50.00	44.43	89	68-122	59-131	
p/m-Xylene	100.0	90.84	91	70-130	60-140	
o-Xylene	50.00	46.86	94	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	46.49	93	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 1
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/27/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-1934
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 18 of 19

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-574	**LCS**	**Solid**	**GC/MS BB**	**07/01/16**	**07/01/16 09:30**	**160701L002**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	50.63	101	70-130	60-140	
Benzene	50.00	49.15	98	78-120	71-127	
Bromobenzene	50.00	54.83	110	70-130	60-140	
Bromochloromethane	50.00	46.58	93	70-130	60-140	
Bromodichloromethane	50.00	51.26	103	70-130	60-140	
Bromoform	50.00	49.85	100	70-130	60-140	
Bromomethane	50.00	58.91	118	70-130	60-140	
2-Butanone	50.00	39.58	79	70-130	60-140	
n-Butylbenzene	50.00	52.14	104	77-123	69-131	
sec-Butylbenzene	50.00	51.30	103	70-130	60-140	
tert-Butylbenzene	50.00	51.77	104	70-130	60-140	
Carbon Disulfide	50.00	58.70	117	70-130	60-140	
Carbon Tetrachloride	50.00	50.40	101	49-139	34-154	
Chlorobenzene	50.00	51.57	103	79-120	72-127	
Chloroethane	50.00	67.04	134	70-130	60-140	ME
Chloroform	50.00	47.44	95	70-130	60-140	
Chloromethane	50.00	54.36	109	70-130	60-140	
2-Chlorotoluene	50.00	52.90	106	70-130	60-140	
4-Chlorotoluene	50.00	50.48	101	70-130	60-140	
Dibromochloromethane	50.00	51.19	102	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	46.53	93	70-130	60-140	
1,2-Dibromoethane	50.00	50.31	101	70-130	60-140	
Dibromomethane	50.00	47.90	96	70-130	60-140	
1,2-Dichlorobenzene	50.00	51.17	102	75-120	68-128	
1,3-Dichlorobenzene	50.00	51.81	104	70-130	60-140	
1,4-Dichlorobenzene	50.00	50.91	102	70-130	60-140	
Dichlorodifluoromethane	50.00	43.69	87	70-130	60-140	
1,1-Dichloroethane	50.00	47.14	94	70-130	60-140	
1,2-Dichloroethane	50.00	44.89	90	70-130	60-140	
1,1-Dichloroethene	50.00	51.67	103	74-122	66-130	
c-1,2-Dichloroethene	50.00	47.39	95	70-130	60-140	
t-1,2-Dichloroethene	50.00	48.75	98	70-130	60-140	
1,2-Dichloropropane	50.00	49.03	98	79-115	73-121	
1,3-Dichloropropane	50.00	47.78	96	70-130	60-140	
2,2-Dichloropropane	50.00	48.28	97	70-130	60-140	
1,1-Dichloropropene	50.00	47.00	94	70-130	60-140	
c-1,3-Dichloropropene	50.00	50.46	101	70-130	60-140	
t-1,3-Dichloropropene	50.00	52.30	105	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/27/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-1934
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 19 of 19

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	52.10	104	76-120	69-127	
2-Hexanone	50.00	42.55	85	70-130	60-140	
Isopropylbenzene	50.00	53.73	107	70-130	60-140	
p-Isopropyltoluene	50.00	52.39	105	70-130	60-140	
Methylene Chloride	50.00	47.80	96	70-130	60-140	
4-Methyl-2-Pentanone	50.00	43.63	87	70-130	60-140	
Naphthalene	50.00	49.83	100	70-130	60-140	
n-Propylbenzene	50.00	53.35	107	70-130	60-140	
Styrene	50.00	53.66	107	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	54.29	109	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	45.65	91	70-130	60-140	
Tetrachloroethene	50.00	51.50	103	70-130	60-140	
Toluene	50.00	49.84	100	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	51.83	104	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	53.58	107	70-130	60-140	
1,1,1-Trichloroethane	50.00	47.99	96	70-130	60-140	
1,1,2-Trichloroethane	50.00	47.67	95	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	52.41	105	70-130	60-140	
Trichloroethene	50.00	50.25	100	70-130	60-140	
1,2,3-Trichloropropane	50.00	48.99	98	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	50.12	100	70-130	60-140	
Trichlorofluoromethane	50.00	54.42	109	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	54.06	108	70-130	60-140	
Vinyl Acetate	50.00	37.89	76	70-130	60-140	
Vinyl Chloride	50.00	63.37	127	68-122	59-131	ME
p/m-Xylene	100.0	104.6	105	70-130	60-140	
o-Xylene	50.00	52.72	105	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	45.76	92	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 2
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-1934 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 6010B	EPA 3005A Filt.	935	ICP 7300	1
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7470A	EPA 7470A Filt.	868	Mercury 04	1
EPA 7470A	EPA 7470A Total	868	Mercury 04	1
EPA 7471A	EPA 7471A Total	868	Mercury 05	1
EPA 8015B (M)	EPA 3550B	682	GC 48	1
EPA 8081A	EPA 3545	669	GC 41	1
EPA 8082	EPA 3545	669	GC 58	1
EPA 8082	EPA 3545	944	GC 58	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B	EPA 5030C	486	GC/MS FFF	2
EPA 8260B	EPA 5030C	867	GC/MS BB	2
EPA 8310	EPA 3545	960	HPLC 5	1

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Glossary of Terms and Qualifiers

Work Order: 16-06-1934 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Virendra Patel

From: Foster, Keith <KFoster@haleyaldrich.com>
Sent: Wednesday, June 29, 2016 7:39 PM
To: Virendra Patel
Cc: Scott, Bob; Burns, Tyree; Erick Ovalle
Subject: Re: Metals for water samples -- 16-06-1934 and 16-06-1935 <Response requested>

Virendra,

We will move forward with option 1 for the two samples referenced in your email below.

Thanks,

Keith

Sent from my iPhone

On Jun 29, 2016, at 1:30 PM, Virendra Patel <VirendraPatel@eurofinsUS.com> wrote:

> Keith,
>
> Because the COCs didn't include instructions for the lab to do dissolved metals (lab filtered). The laboratory took an aliquot and preserved for Total digestion (without filtration), as a result, we do not have enough sample remaining to do lab filtered metals on the following two samples.
>
> 16-06-1934-24 -- BB-08-GW
> 16-06-1935-4 -- B99-01-GW
>
> For the above two samples, here are the options for reporting:
>
> 1. EPA 6010B (lab filtered) and EPA 7470A (total)
>
>   Or
>
> 2. EPA 6010B (total) and EPA 7470A (lab filtered)
>
>   Or
>
> 3. EPA 6001B (total) and EPA 7470A (total)
>
> Please advise on how to proceed or give me a call to discuss. Thank you!
>
> Best Regards,
>
> Virendra Patel
> Project Manager
>
> Eurofins Calscience, Inc.

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7440 Lincoln Way
Garden Grove, CA 92841
USA
P: +1 714 895 5494
F: +1 714 894 7501

Email: virendrapatel@eurofinsUS.com
Website: www.eurofinsUS.com/Calscience

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<16-06-1935.PDF>

<16-06-1934.PDF>

Notify us here to report this email as spam.

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CHAIN OF CUSTODY RECORD

DATE: 6/27/16

PAGE: 1 OF 3

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200, San Diego, CA 92108

TEL: 619-285-7141 | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due Dillegence / 43559

PROJECT CONTACT: Robert K. Scott

SAMPLER(S): (SIGNATURE) Tyree Burns

P.O. NO.:

LAB USE ONLY: 16-06-1934

COELT LOG CODE

COOLER RECEIPT Temp = _____ °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☑ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS: Field point name = sample ID

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs 8310	OCPs 8081	Hold				CONTAINER TYPE
1		BB-01-01	6/27/16	1000	Soil	1	X	X	X	X		X						
2		BB-01-05		1003	Soil	1	X	X	X	X								
3		BB-01-10		1005	Soil	1	X	X	X	X				X				Hold Sample
4		BB-01-GW		1020	Water	6	X	X										
5		BB-04-01		1119	Soil	1	X	X	X	X			X					
6		BB-04-03		1122	Soil	1	X	X	X	X								
7		BB-04-10		1125	Soil	1	X	X	X	X				X				Hold Sample
8		BB-02-01		1140	Soil	1	X	X	X	X								
9		BB-02-03		1145	Soil	1	X	X	X	X								
10		BB-02-10		1147	Soil	1	X	X	X	X				X				Hold Sample

Relinquished by: (Signature)	Received by: (Signature)	Date: 6/27/16	Time: 1530
Relinquished by: (Signature)	Received by: (Signature) Dannyle ELT	Date: 6/27/16	Time: 19:35
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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CHAIN OF CUSTODY RECORD

DATE: 6/27/16

PAGE: 2 OF 3

LABORATORY CLIENT: **Haley & Aldrich**

ADDRESS: **5333 Mission Center Road, Suite 200**
San Diego, CA 92108

TEL: **619-285-7141** | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: **UTAS - Due Dillegence / 43559**

P.O. NO.:

PROJECT CONTACT: **Robert K. Scott**

LAB USE ONLY: 06-1934

SAMPLER(S): (SIGNATURE)

COELT LOG CODE

COOLER RECEIPT Temp = ____ °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☑ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs 8310	OCPs 8081	Hold				CONTAINER TYPE
11		BB-05-01	6/27/16	1207	Soil	1	X	X	X	X								
12		BB-05-02		1210	Soil	1	X	X	X	X								
13		BB-05-10		1212	Soil	1	X	X	X	X				X				Hold Sample
14		BB-07-01		1220	Soil	1	X	X	X	X		X						
15		BB-07-03		1222	Soil	1	X	X	X	X								
16		BB-07-10		1225	Soil	1	X	X	X	X								Hold Sample
17		BB-10-01		1356	Soil	1	X	X	X	X			X					
18		BB-10-03		1358	Soil	1	X	X	X	X								
19		BB-10-10		1400	Soil	1	X	X	X	X								Hold Sample
20		BB-07-06		1224	Soil	1	X	X	X	X			X					Hold Sample

Relinquished by: (Signature)	Received by: (Signature)	Date: 6/27/16	Time: 1530
Relinquished by: (Signature)	Received by: (Signature) Dannyle ELT	Date: 6/27/16	Time: 19:35
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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CHAIN OF CUSTODY RECORD

DATE: 6/27/16

PAGE: 3 OF 3

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200
San Diego, CA 92108

TEL: 619-285-7141 | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due Dillegence / 43559

P.O. NO.:

PROJECT CONTACT: Robert K. Scott

LAB USE ONLY: 06-1934

SAMPLER(S): (SIGNATURE) Tyree Burns

COELT LOG CODE:

COOLER RECEIPT Temp = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☑ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs 8310	OCPs 8081	Hold				CONTAINER TYPE
21		BB-08-01	6/27/16	1422	Soil	1	X	X	X	X		X						
22		BB-08-03		1425	Soil	1	X	X	X	X								
23		BB-08-10		1427	Soil	1	X	X	X	X				X				Hold Sample
24		BB-08-GW		1430	Water	6	X	X										
25		BB-08-08		1426	Soil	1	X	X		X								
26		BB-05-06		1211	Soil	1	X	X	X	X								Hold Sample
27		BB-02-07		1146	Soil	1	X	X	X	X								Hold Sample

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		6/27/16	1530
Relinquished by: (Signature)	Received by: (Signature) Bonnyle ECL	Date: 6/27/16	Time: 19:35
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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WORK ORDER NUMBER: 16-06-1954

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Haley KAIDRICK

DATE: 06 / 27 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 820

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 820

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1058

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☑ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☑	☐
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOA**h** (5) ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☑ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1058

Reviewed by: 659

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WORK ORDER NUMBER: 16-06- 1934

SAMPLE ANOMALY REPORT

DATE: 06 / 27 / 2016

SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☐ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**
24	A,B,C,D,E	5			

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

Reported by: 1056

Reviewed by: 659

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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WORK ORDER NUMBER: 16-06-2030

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/13/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Narrative

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/28/16. They were assigned to Work Order 16-06-2030.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-06-2030

EPA Method 6010B Total Metals:

Project Required Detection Limit (PRDL):

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Chromium, Antimony, Selenium and Zinc on 07/05/16.

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 6010B	
Batch #	Analytes(s)
160702S01	Antimony[3,4], Barium[Q] and Thallium[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.
Q: Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.

Table B: Post Digestion Spike (PDS) outside acceptable limits	
EPA Method 6010B	
Batch #	Analytes(s)
160702S01	Barium[Q]

Q: Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

EPA Method 8260B Volatile Organics:

Table C: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160630S005	Vinyl Acetate[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2030
		Project Name:	UTAS - Due Diligence / 43559
		PO Number:	
		Date/Time Received:	06/28/16 19:00
		Number of Containers:	9
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-20-01	16-06-2030-1	06/28/16 09:47	1	Solid
BB-20-03	16-06-2030-2	06/28/16 09:49	1	Solid
BB-20-10	16-06-2030-3	06/28/16 09:52	1	Solid
BB-21-01	16-06-2030-4	06/28/16 10:24	1	Solid
BB-21-03	16-06-2030-5	06/28/16 10:26	1	Solid
BB-21-10	16-06-2030-6	06/28/16 10:28	1	Solid
BB-22-01	16-06-2030-7	06/28/16 11:02	1	Solid
BB-22-03	16-06-2030-8	06/28/16 11:04	1	Solid
BB-22-10	16-06-2030-9	06/28/16 11:06	1	Solid

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2030
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 1 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-20-01 (16-06-2030-1)						
Moisture	3.5		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.77		0.718	mg/kg	EPA 6010B	EPA 3050B
Barium	99.5		0.478	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.305		0.239	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.881		0.478	mg/kg	EPA 6010B	EPA 3050B
Chromium	15.6		0.239	mg/kg	EPA 6010B	EPA 3050B
Cobalt	8.13		0.239	mg/kg	EPA 6010B	EPA 3050B
Copper	21.3		0.478	mg/kg	EPA 6010B	EPA 3050B
Lead	32.5		0.478	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.401		0.239	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.96		0.239	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.192	J	0.145*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	41.2		0.239	mg/kg	EPA 6010B	EPA 3050B
Zinc	70.0		0.957	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0194	J	0.00568*	mg/kg	EPA 7471A	EPA 7471A Total
C25-C28	2.6	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	12		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	16		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	31		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
p-Isopropyltoluene	2.3	J	0.65*	ug/kg	EPA 8260B	EPA 5030C
Phenanthrene	19		10	ug/kg	EPA 8310	EPA 3545
Fluoranthene	30		10	ug/kg	EPA 8310	EPA 3545
Pyrene	58		10	ug/kg	EPA 8310	EPA 3545
Benzo (a) Anthracene	9.2	J	2.5*	ug/kg	EPA 8310	EPA 3545
Chrysene	13		10	ug/kg	EPA 8310	EPA 3545
Benzo (b) Fluoranthene	10		10	ug/kg	EPA 8310	EPA 3545
Benzo (k) Fluoranthene	15		10	ug/kg	EPA 8310	EPA 3545
Benzo (a) Pyrene	8.4	J	2.1*	ug/kg	EPA 8310	EPA 3545
Benzo (g,h,i) Perylene	14		10	ug/kg	EPA 8310	EPA 3545
Indeno (1,2,3-c,d) Pyrene	4.9	J	2.2*	ug/kg	EPA 8310	EPA 3545

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* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2030
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 2 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-20-03 (16-06-2030-2)						
Moisture	4.8		0.10	%	ASTM D-2216 (M)	N/A
Antimony	0.430	J	0.150*	mg/kg	EPA 6010B	EPA 3050B
Arsenic	2.44		0.754	mg/kg	EPA 6010B	EPA 3050B
Barium	76.8		0.503	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.377		0.251	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.432	J	0.136*	mg/kg	EPA 6010B	EPA 3050B
Chromium	18.0		0.251	mg/kg	EPA 6010B	EPA 3050B
Cobalt	11.2		0.251	mg/kg	EPA 6010B	EPA 3050B
Copper	12.8		0.503	mg/kg	EPA 6010B	EPA 3050B
Lead	8.08		0.503	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.38		0.251	mg/kg	EPA 6010B	EPA 3050B
Vanadium	58.0		0.251	mg/kg	EPA 6010B	EPA 3050B
Zinc	34.7		1.01	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0182	J	0.00559*	mg/kg	EPA 7471A	EPA 7471A Total

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2030
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 3 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-21-01 (16-06-2030-4)						
Moisture	4.5		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	4.41		0.773	mg/kg	EPA 6010B	EPA 3050B
Barium	82.5		0.515	mg/kg	EPA 6010B	EPA 3050B
Beryllium	1.38		0.258	mg/kg	EPA 6010B	EPA 3050B
Cadmium	1.35		0.515	mg/kg	EPA 6010B	EPA 3050B
Chromium	12.3		0.258	mg/kg	EPA 6010B	EPA 3050B
Cobalt	6.19		0.258	mg/kg	EPA 6010B	EPA 3050B
Copper	11.2		0.515	mg/kg	EPA 6010B	EPA 3050B
Lead	9.18		0.515	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	1.04		0.258	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.68		0.258	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.857		0.773	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.929		0.773	mg/kg	EPA 6010B	EPA 3050B
Vanadium	28.9		0.258	mg/kg	EPA 6010B	EPA 3050B
Zinc	40.6		1.03	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0177	J	0.00618*	mg/kg	EPA 7471A	EPA 7471A Total
C25-C28	2.2	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	17		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	18		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	9.7		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	47		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Chlordane	30	J	26*	ug/kg	EPA 8081A	EPA 3545
4,4'-DDE	7.4		5.0	ug/kg	EPA 8081A	EPA 3545
Aroclor-1260	33	J	31*	ug/kg	EPA 8082	EPA 3545
Acetone	76	J	6.3*	ug/kg	EPA 8260B	EPA 5030C
2-Butanone	22	J	3.8*	ug/kg	EPA 8260B	EPA 5030C
p-Isopropyltoluene	29		5.0	ug/kg	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2030
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 4 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-21-03 (16-06-2030-5)						
Moisture	3.0		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.06		0.735	mg/kg	EPA 6010B	EPA 3050B
Barium	84.9		0.490	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.254		0.245	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.498		0.490	mg/kg	EPA 6010B	EPA 3050B
Chromium	13.1		0.245	mg/kg	EPA 6010B	EPA 3050B
Cobalt	7.62		0.245	mg/kg	EPA 6010B	EPA 3050B
Copper	16.2		0.490	mg/kg	EPA 6010B	EPA 3050B
Lead	22.1		0.490	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.152	J	0.129*	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.41		0.245	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.531	J	0.294*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	39.6		0.245	mg/kg	EPA 6010B	EPA 3050B
Zinc	65.7		0.980	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0192	J	0.00607*	mg/kg	EPA 7471A	EPA 7471A Total
C23-C24	37		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	1.9	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	5.0		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	2.4	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	46		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
p-Isopropyltoluene	0.73	J	0.62*	ug/kg	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2030
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 5 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-22-01 (16-06-2030-7)						
Moisture	2.3		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	3.04		0.739	mg/kg	EPA 6010B	EPA 3050B
Barium	57.8		0.493	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.271		0.246	mg/kg	EPA 6010B	EPA 3050B
Cadmium	1.18		0.493	mg/kg	EPA 6010B	EPA 3050B
Chromium	14.1		0.246	mg/kg	EPA 6010B	EPA 3050B
Cobalt	6.11		0.246	mg/kg	EPA 6010B	EPA 3050B
Copper	8.59		0.493	mg/kg	EPA 6010B	EPA 3050B
Lead	7.31		0.493	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.44		0.246	mg/kg	EPA 6010B	EPA 3050B
Vanadium	34.7		0.246	mg/kg	EPA 6010B	EPA 3050B
Zinc	42.9		0.985	mg/kg	EPA 6010B	EPA 3050B
C29-C32	4.3	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	7.1		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	11		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Acenaphthene	6.1	J	4.0*	ug/kg	EPA 8310	EPA 3545
Fluorene	3.8	J	1.7*	ug/kg	EPA 8310	EPA 3545
Pyrene	7.2	J	2.9*	ug/kg	EPA 8310	EPA 3545
Benzo (a) Anthracene	3.1	J	2.5*	ug/kg	EPA 8310	EPA 3545
Benzo (b) Fluoranthene	5.4	J	2.1*	ug/kg	EPA 8310	EPA 3545
Benzo (a) Pyrene	2.9	J	2.0*	ug/kg	EPA 8310	EPA 3545
Benzo (g,h,i) Perylene	4.8	J	1.8*	ug/kg	EPA 8310	EPA 3545

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2030
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 6 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-22-03 (16-06-2030-8)						
Moisture	4.0		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.17		0.721	mg/kg	EPA 6010B	EPA 3050B
Barium	77.9		0.481	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.333		0.240	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.450	J	0.130*	mg/kg	EPA 6010B	EPA 3050B
Chromium	17.2		0.240	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.93		0.240	mg/kg	EPA 6010B	EPA 3050B
Copper	20.2		0.481	mg/kg	EPA 6010B	EPA 3050B
Lead	13.6		0.481	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.243		0.240	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.59		0.240	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.421	J	0.288*	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.156	J	0.146*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	51.5		0.240	mg/kg	EPA 6010B	EPA 3050B
Zinc	40.3		0.962	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0184	J	0.00587*	mg/kg	EPA 7471A	EPA 7471A Total

Subcontracted analyses, if any, are not included in this summary.

Return to Contents

* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-01	**16-06-2030-1-AA**	**06/28/16 09:47**	**Solid**	**HPLC 5**	**07/01/16**	**07/06/16 04:25**	**160701L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.1	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.1	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	19	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	30	10	2.1	1.00	
Pyrene	58	10	3.0	1.00	
Benzo (a) Anthracene	9.2	10	2.5	1.00	J
Chrysene	13	10	2.1	1.00	
Benzo (b) Fluoranthene	10	10	2.1	1.00	
Benzo (k) Fluoranthene	15	10	1.8	1.00	
Benzo (a) Pyrene	8.4	10	2.1	1.00	J
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	14	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	4.9	10	2.2	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	65	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-01	**16-06-2030-7-AA**	**06/28/16 11:02**	**Solid**	**HPLC 5**	**07/01/16**	**07/06/16 04:58**	**160701L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	6.1	15	4.0	1.00	J
Fluorene	3.8	10	1.7	1.00	J
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	7.2	10	2.9	1.00	J
Benzo (a) Anthracene	3.1	10	2.5	1.00	J
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	5.4	10	2.1	1.00	J
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	2.9	10	2.0	1.00	J
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	4.8	10	1.8	1.00	J
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	58	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1878**	**N/A**	**Solid**	**HPLC 5**	**07/01/16**	**07/05/16 15:57**	**160701L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	88	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-01	**16-06-2030-1-AA**	**06/28/16 09:47**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.5	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-03	**16-06-2030-2-AA**	**06/28/16 09:49**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	4.8	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-01	**16-06-2030-4-AA**	**06/28/16 10:24**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	4.5	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-03	**16-06-2030-5-AA**	**06/28/16 10:26**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.0	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-01	**16-06-2030-7-AA**	**06/28/16 11:02**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	2.3	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-03	**16-06-2030-8-AA**	**06/28/16 11:04**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	4.0	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6084**	**N/A**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-01	**16-06-2030-1-AA**	**06/28/16 09:47**	**Solid**	**GC 49**	**06/30/16**	**07/01/16 15:07**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	ND	4.9	1.2	1.00	
C23-C24	ND	4.9	1.2	1.00	
C25-C28	2.6	4.9	1.2	1.00	J
C29-C32	12	4.9	1.2	1.00	
C33-C36	16	4.9	1.2	1.00	
C37-C40	ND	4.9	1.2	1.00	
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	31	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	85	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: UTAS - Due Diligence / 43559			Page 2 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-03	**16-06-2030-2-AA**	**06/28/16 09:49**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 19:00**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	74	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-01	**16-06-2030-4-AA**	**06/28/16 10:24**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 20:11**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	ND	5.0	1.2	1.00	
C21-C22	ND	5.0	1.2	1.00	
C23-C24	ND	5.0	1.2	1.00	
C25-C28	2.2	5.0	1.2	1.00	J
C29-C32	17	5.0	1.2	1.00	
C33-C36	18	5.0	1.2	1.00	
C37-C40	9.7	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	47	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	78	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-03	**16-06-2030-5-AA**	**06/28/16 10:26**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 19:18**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	ND	4.9	1.2	1.00	
C23-C24	37	4.9	1.2	1.00	
C25-C28	1.9	4.9	1.2	1.00	J
C29-C32	5.0	4.9	1.2	1.00	
C33-C36	2.4	4.9	1.2	1.00	J
C37-C40	ND	4.9	1.2	1.00	
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	46	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	61	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-01	**16-06-2030-7-AA**	**06/28/16 11:02**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 20:29**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	4.3	5.0	1.3	1.00	J
C33-C36	7.1	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	11	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	71	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-03	**16-06-2030-8-AA**	**06/28/16 11:04**	**Solid**	**GC 49**	**06/30/16**	**07/01/16 14:50**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	ND	4.9	1.2	1.00	
C23-C24	ND	4.9	1.2	1.00	
C25-C28	ND	4.9	1.2	1.00	
C29-C32	ND	4.9	1.2	1.00	
C33-C36	ND	4.9	1.2	1.00	
C37-C40	ND	4.9	1.2	1.00	
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	93	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2144**	**N/A**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 15:45**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-01	**16-06-2030-1-AA**	**06/28/16 09:47**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:46**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.718	0.143	0.957	
Arsenic	2.77	0.718	0.248	0.957	
Barium	99.5	0.478	0.148	0.957	
Beryllium	0.305	0.239	0.131	0.957	
Cadmium	0.881	0.478	0.130	0.957	
Chromium	15.6	0.239	0.136	0.957	
Cobalt	8.13	0.239	0.142	0.957	
Copper	21.3	0.478	0.129	0.957	
Lead	32.5	0.478	0.126	0.957	
Molybdenum	0.401	0.239	0.126	0.957	
Nickel	8.96	0.239	0.139	0.957	
Selenium	ND	0.718	0.287	0.957	
Silver	ND	0.239	0.0820	0.957	
Thallium	0.192	0.718	0.145	0.957	J
Vanadium	41.2	0.239	0.135	0.957	
Zinc	70.0	0.957	0.170	0.957	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-03	**16-06-2030-2-AA**	**06/28/16 09:49**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:47**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.430	0.754	0.150	1.01	J
Arsenic	2.44	0.754	0.260	1.01	
Barium	76.8	0.503	0.155	1.01	
Beryllium	0.377	0.251	0.138	1.01	
Cadmium	0.432	0.503	0.136	1.01	J
Chromium	18.0	0.251	0.143	1.01	
Cobalt	11.2	0.251	0.149	1.01	
Copper	12.8	0.503	0.135	1.01	
Lead	8.08	0.503	0.132	1.01	
Molybdenum	ND	0.251	0.133	1.01	
Nickel	8.38	0.251	0.145	1.01	
Selenium	ND	0.754	0.301	1.01	
Silver	ND	0.251	0.0861	1.01	
Thallium	ND	0.754	0.152	1.01	
Vanadium	58.0	0.251	0.142	1.01	
Zinc	34.7	1.01	0.178	1.01	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-01	**16-06-2030-4-AA**	**06/28/16 10:24**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:48**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.773	0.154	1.03	
Arsenic	4.41	0.773	0.267	1.03	
Barium	82.5	0.515	0.159	1.03	
Beryllium	1.38	0.258	0.141	1.03	
Cadmium	1.35	0.515	0.140	1.03	
Chromium	12.3	0.258	0.147	1.03	
Cobalt	6.19	0.258	0.153	1.03	
Copper	11.2	0.515	0.139	1.03	
Lead	9.18	0.515	0.136	1.03	
Molybdenum	1.04	0.258	0.136	1.03	
Nickel	6.68	0.258	0.149	1.03	
Selenium	0.857	0.773	0.309	1.03	
Silver	ND	0.258	0.0884	1.03	
Thallium	0.929	0.773	0.156	1.03	
Vanadium	28.9	0.258	0.146	1.03	
Zinc	40.6	1.03	0.183	1.03	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-03	**16-06-2030-5-AA**	**06/28/16 10:26**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:49**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.735	0.146	0.980	
Arsenic	2.06	0.735	0.254	0.980	
Barium	84.9	0.490	0.151	0.980	
Beryllium	0.254	0.245	0.134	0.980	
Cadmium	0.498	0.490	0.133	0.980	
Chromium	13.1	0.245	0.139	0.980	
Cobalt	7.62	0.245	0.145	0.980	
Copper	16.2	0.490	0.132	0.980	
Lead	22.1	0.490	0.129	0.980	
Molybdenum	0.152	0.245	0.129	0.980	J
Nickel	6.41	0.245	0.142	0.980	
Selenium	0.531	0.735	0.294	0.980	J
Silver	ND	0.245	0.0840	0.980	
Thallium	ND	0.735	0.149	0.980	
Vanadium	39.6	0.245	0.138	0.980	
Zinc	65.7	0.980	0.174	0.980	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-01	**16-06-2030-7-AA**	**06/28/16 11:02**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:50**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.739	0.147	0.985	
Arsenic	3.04	0.739	0.255	0.985	
Barium	57.8	0.493	0.152	0.985	
Beryllium	0.271	0.246	0.135	0.985	
Cadmium	1.18	0.493	0.133	0.985	
Chromium	14.1	0.246	0.140	0.985	
Cobalt	6.11	0.246	0.146	0.985	
Copper	8.59	0.493	0.133	0.985	
Lead	7.31	0.493	0.130	0.985	
Molybdenum	ND	0.246	0.130	0.985	
Nickel	6.44	0.246	0.143	0.985	
Selenium	ND	0.739	0.295	0.985	
Silver	ND	0.246	0.0844	0.985	
Thallium	ND	0.739	0.149	0.985	
Vanadium	34.7	0.246	0.139	0.985	
Zinc	42.9	0.985	0.175	0.985	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-03	**16-06-2030-8-AA**	**06/28/16 11:04**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:52**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.721	0.143	0.962	
Arsenic	2.17	0.721	0.249	0.962	
Barium	77.9	0.481	0.148	0.962	
Beryllium	0.333	0.240	0.132	0.962	
Cadmium	0.450	0.481	0.130	0.962	J
Chromium	17.2	0.240	0.137	0.962	
Cobalt	9.93	0.240	0.142	0.962	
Copper	20.2	0.481	0.130	0.962	
Lead	13.6	0.481	0.127	0.962	
Molybdenum	0.243	0.240	0.127	0.962	
Nickel	7.59	0.240	0.139	0.962	
Selenium	0.421	0.721	0.288	0.962	J
Silver	ND	0.240	0.0824	0.962	
Thallium	0.156	0.721	0.146	0.962	J
Vanadium	51.5	0.240	0.136	0.962	
Zinc	40.3	0.962	0.171	0.962	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22889**	**N/A**	**Solid**	**ICP 7300**	**07/02/16**	**07/07/16 10:31**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	ND	0.765	0.264	1.02	
Barium	ND	0.510	0.158	1.02	
Beryllium	ND	0.255	0.140	1.02	
Cadmium	ND	0.510	0.138	1.02	
Chromium	ND	0.255	0.145	1.02	
Cobalt	ND	0.255	0.151	1.02	
Copper	ND	0.510	0.137	1.02	
Lead	ND	0.510	0.134	1.02	
Molybdenum	ND	0.255	0.135	1.02	
Nickel	ND	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	ND	0.255	0.0875	1.02	
Thallium	ND	0.765	0.155	1.02	
Vanadium	ND	0.255	0.144	1.02	
Zinc	ND	1.02	0.181	1.02	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-01	**16-06-2030-1-AA**	**06/28/16 09:47**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 15:51**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0194	0.0806	0.00568	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-03	**16-06-2030-2-AA**	**06/28/16 09:49**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 15:54**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0182	0.0794	0.00559	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-01	**16-06-2030-4-AA**	**06/28/16 10:24**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 15:56**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0177	0.0877	0.00618	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-03	**16-06-2030-5-AA**	**06/28/16 10:26**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 15:58**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0192	0.0862	0.00607	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-01	**16-06-2030-7-AA**	**06/28/16 11:02**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 16:00**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0820	0.00578	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-03	**16-06-2030-8-AA**	**06/28/16 11:04**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 16:03**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0184	0.0833	0.00587	1.00	J

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-44**	**N/A**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 15:27**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0833	0.00587	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-01	**16-06-2030-4-AA**	**06/28/16 10:24**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 13:01**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	30	50	26	1.00	J
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	7.4	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	106	24-168	
2,4,5,6-Tetrachloro-m-Xylene	79	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-2463**	**N/A**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:03**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	97	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-01	**16-06-2030-1-AA**	**06/28/16 09:47**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 16:49**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	43	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	31	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	34	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	98	24-168	
2,4,5,6-Tetrachloro-m-Xylene	79	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-03	**16-06-2030-2-AA**	**06/28/16 09:49**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 17:06**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	105	24-168	
2,4,5,6-Tetrachloro-m-Xylene	64	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-01	**16-06-2030-4-AA**	**06/28/16 10:24**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 17:24**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	43	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	33	50	31	1.00	J
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	34	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	110	24-168	
2,4,5,6-Tetrachloro-m-Xylene	89	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-03	**16-06-2030-5-AA**	**06/28/16 10:26**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 18:18**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	108	24-168	
2,4,5,6-Tetrachloro-m-Xylene	83	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-01	**16-06-2030-7-AA**	**06/28/16 11:02**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 18:36**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	106	24-168	
2,4,5,6-Tetrachloro-m-Xylene	85	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-03	**16-06-2030-8-AA**	**06/28/16 11:04**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 18:54**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	43	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	31	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	34	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	101	24-168	
2,4,5,6-Tetrachloro-m-Xylene	58	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-3813**	**N/A**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 13:31**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	92	24-168	
2,4,5,6-Tetrachloro-m-Xylene	91	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-01	**16-06-2030-1-A**	**06/28/16 09:47**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 15:32**	**160630L012**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.32	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.62	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.56	1.00	
p-Isopropyltoluene	2.3	5.2	0.65	1.00	J
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.60	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	105	63-141	
1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-20-03	**16-06-2030-2-A**	**06/28/16 09:49**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 11:39**	**160630L012**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.23	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.21	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.51	1.00	
1,2-Dichloropropane	ND	5.1	0.44	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.61	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.55	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.31	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.30	1.00	
1,2,3-Trichloropropane	ND	5.1	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.59	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	89	63-141	
1,2-Dichloroethane-d4	95	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-01	**16-06-2030-4-A**	**06/28/16 10:24**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 15:59**	**160630L012**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	76	130	6.3	1.00	J
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	22	50	3.8	1.00	J
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.23	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	29	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	109	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-21-03	**16-06-2030-5-A**	**06/28/16 10:26**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 16:26**	**160630L012**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.23	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.28	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	0.73	4.9	0.62	1.00	J
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	100	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-01	**16-06-2030-7-A**	**06/28/16 11:02**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 16:52**	**160630L012**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.23	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	109	62-146	
Toluene-d8	101	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-22-03	**16-06-2030-8-A**	**06/28/16 11:04**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 17:20**	**160630L012**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.22	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.80	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.46	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.36	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.16	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.65	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.84	1.00	
n-Propylbenzene	ND	5.1	0.52	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.22	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.52	1.00	
p/m-Xylene	ND	5.1	0.28	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	108	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-572**	**N/A**	**Solid**	**GC/MS Q**	**06/30/16**	**06/30/16 10:44**	**160630L012**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	102	63-141	
1,2-Dichloroethane-d4	105	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8310

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**HPLC 5**	**07/01/16**	**07/05/16 19:12**	**160701S20**
16-06-2029-1	**Matrix Spike**	**Concrete**	**HPLC 5**	**07/01/16**	**07/05/16 18:07**	**160701S20**
16-06-2029-1	**Matrix Spike Duplicate**	**Concrete**	**HPLC 5**	**07/01/16**	**07/05/16 18:39**	**160701S20**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	100.0	134.6	135	102.9	103	23-167	27	0-46	
Acenaphthylene	ND	100.0	99.86	100	72.12	72	24-120	32	0-47	
Acenaphthene	ND	100.0	90.56	91	68.34	68	16-120	28	0-46	
Fluorene	ND	100.0	88.52	89	67.67	68	32-120	27	0-44	
Phenanthrene	ND	100.0	90.89	91	74.43	74	34-120	20	0-38	
Anthracene	ND	100.0	89.23	89	72.31	72	27-120	21	0-45	
Fluoranthene	ND	100.0	93.43	93	78.84	79	32-122	17	0-41	
Pyrene	ND	100.0	102.6	103	85.26	85	31-127	18	0-38	
Benzo (a) Anthracene	ND	100.0	94.88	95	79.10	79	32-122	18	0-43	
Chrysene	ND	100.0	91.29	91	75.53	76	30-132	19	0-42	
Benzo (b) Fluoranthene	ND	100.0	90.36	90	74.88	75	33-120	19	0-44	
Benzo (k) Fluoranthene	ND	100.0	77.89	78	67.53	68	23-149	14	0-44	
Benzo (a) Pyrene	ND	100.0	91.67	92	76.13	76	12-132	19	0-48	
Dibenz (a,h) Anthracene	ND	100.0	87.35	87	72.61	73	29-125	18	0-43	
Benzo (g,h,i) Perylene	ND	100.0	93.45	93	75.22	75	24-132	22	0-42	
Indeno (1,2,3-c,d) Pyrene	ND	100.0	92.03	92	75.21	75	29-143	20	0-42	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2032-8	**Sample**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 17:31**	**160630S05**
16-06-2032-8	**Matrix Spike**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:21**	**160630S05**
16-06-2032-8	**Matrix Spike Duplicate**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:38**	**160630S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	ND	400.0	313.7	78	331.1	83	64-130	5	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:34**	**160702S01**
16-06-2029-1	**Matrix Spike**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:35**	**160702S01**
16-06-2029-1	**Matrix Spike Duplicate**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:36**	**160702S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	3.093	12	4.345	17	50-115	34	0-20	3,4
Arsenic	9.119	25.00	38.33	117	36.34	109	75-125	5	0-20	
Barium	151.1	25.00	173.0	4X	173.5	4X	75-125	4X	0-20	Q
Beryllium	0.2746	25.00	27.12	107	28.10	111	75-125	4	0-20	
Cadmium	ND	25.00	24.61	98	25.29	101	75-125	3	0-20	
Chromium	23.99	25.00	50.31	105	51.05	108	75-125	1	0-20	
Cobalt	3.240	25.00	27.48	97	28.27	100	75-125	3	0-20	
Copper	17.64	25.00	43.27	103	43.61	104	75-125	1	0-20	
Lead	1.316	25.00	26.35	100	26.93	102	75-125	2	0-20	
Molybdenum	1.885	25.00	27.03	101	27.73	103	75-125	3	0-20	
Nickel	5.520	25.00	30.61	100	30.90	102	75-125	1	0-20	
Selenium	1.199	25.00	25.62	98	29.12	112	75-125	13	0-20	
Silver	0.3734	12.50	13.95	109	14.41	112	75-125	3	0-20	
Thallium	ND	25.00	14.42	58	16.15	65	75-125	11	0-20	3
Vanadium	18.77	25.00	43.06	97	42.71	96	75-125	1	0-20	
Zinc	40.54	25.00	66.09	102	68.68	113	75-125	4	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 4 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**Mercury 05**	**07/06/16**	**07/06/16 15:32**	**160706S02**
16-06-2029-1	**Matrix Spike**	**Concrete**	**Mercury 05**	**07/06/16**	**07/06/16 15:34**	**160706S02**
16-06-2029-1	**Matrix Spike Duplicate**	**Concrete**	**Mercury 05**	**07/06/16**	**07/06/16 15:36**	**160706S02**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	1.007	121	0.9381	112	75-125	7	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8081A

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2036-1	**Sample**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:16**	**160705S04**
16-06-2036-1	**Matrix Spike**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:46**	**160705S04**
16-06-2036-1	**Matrix Spike Duplicate**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:01**	**160705S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	22.96	92	21.95	88	50-135	5	0-25	
Alpha-BHC	ND	25.00	22.33	89	21.77	87	50-135	3	0-25	
Beta-BHC	ND	25.00	23.32	93	21.50	86	50-135	8	0-25	
4,4'-DDD	ND	25.00	26.29	105	25.09	100	50-135	5	0-25	
4,4'-DDE	ND	25.00	25.85	103	24.52	98	50-135	5	0-25	
4,4'-DDT	ND	25.00	25.24	101	24.05	96	50-135	5	0-25	
Delta-BHC	ND	25.00	25.22	101	23.53	94	50-135	7	0-25	
Dieldrin	ND	25.00	25.48	102	23.80	95	50-135	7	0-25	
Endosulfan I	ND	25.00	24.07	96	22.98	92	50-135	5	0-25	
Endosulfan II	ND	25.00	26.14	105	24.52	98	50-135	6	0-25	
Endosulfan Sulfate	ND	25.00	24.08	96	22.94	92	50-135	5	0-25	
Endrin	ND	25.00	29.00	116	27.75	111	50-135	4	0-25	
Endrin Aldehyde	ND	25.00	23.39	94	22.68	91	50-135	3	0-25	
Gamma-BHC	ND	25.00	23.44	94	22.65	91	50-135	3	0-25	
Heptachlor	ND	25.00	24.03	96	23.35	93	50-135	3	0-25	
Heptachlor Epoxide	ND	25.00	23.96	96	22.95	92	50-135	4	0-25	
Methoxychlor	ND	25.00	25.40	102	25.27	101	50-135	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3545
Method: EPA 8082

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-2	**Sample**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 15:37**	**160705S08**
16-06-2029-2	**Matrix Spike**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 14:07**	**160705S08**
16-06-2029-2	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 14:25**	**160705S08**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	91.50	92	77.00	77	50-135	17	0-20	
Aroclor-1260	ND	100.0	98.00	98	83.50	84	50-135	16	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-20-03	**Sample**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 11:39**	**160630S005**
BB-20-03	**Matrix Spike**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 12:05**	**160630S005**
BB-20-03	**Matrix Spike Duplicate**	**Solid**	**GC/MS Q**	**06/29/16**	**06/30/16 12:32**	**160630S005**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	46.07	92	45.06	90	70-130	2	0-20	
Benzene	ND	50.00	43.79	88	43.11	86	61-127	2	0-20	
Bromobenzene	ND	50.00	43.55	87	42.37	85	70-130	3	0-20	
Bromochloromethane	ND	50.00	45.56	91	44.48	89	70-130	2	0-20	
Bromodichloromethane	ND	50.00	44.65	89	43.85	88	70-130	2	0-20	
Bromoform	ND	50.00	41.54	83	41.21	82	70-130	1	0-20	
Bromomethane	ND	50.00	40.32	81	41.49	83	70-130	3	0-20	
2-Butanone	ND	50.00	39.82	80	40.47	81	70-130	2	0-20	
n-Butylbenzene	ND	50.00	44.49	89	44.87	90	77-123	1	0-25	
sec-Butylbenzene	ND	50.00	45.16	90	45.76	92	70-130	1	0-20	
tert-Butylbenzene	ND	50.00	45.46	91	46.06	92	70-130	1	0-20	
Carbon Disulfide	ND	50.00	45.45	91	44.71	89	70-130	2	0-20	
Carbon Tetrachloride	ND	50.00	45.64	91	46.21	92	51-135	1	0-29	
Chlorobenzene	ND	50.00	43.49	87	42.72	85	57-123	2	0-20	
Chloroethane	ND	50.00	48.76	98	46.41	93	70-130	5	0-20	
Chloroform	ND	50.00	43.88	88	43.44	87	70-130	1	0-20	
Chloromethane	ND	50.00	48.92	98	46.80	94	70-130	4	0-20	
2-Chlorotoluene	ND	50.00	43.35	87	42.92	86	70-130	1	0-20	
4-Chlorotoluene	ND	50.00	44.95	90	43.52	87	70-130	3	0-20	
Dibromochloromethane	ND	50.00	42.82	86	41.95	84	70-130	2	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	39.84	80	41.46	83	70-130	4	0-20	
1,2-Dibromoethane	ND	50.00	44.98	90	44.49	89	64-124	1	0-20	
Dibromomethane	ND	50.00	44.90	90	43.44	87	70-130	3	0-20	
1,2-Dichlorobenzene	ND	50.00	42.49	85	42.51	85	35-131	0	0-25	
1,3-Dichlorobenzene	ND	50.00	42.60	85	42.54	85	70-130	0	0-20	
1,4-Dichlorobenzene	ND	50.00	41.71	83	41.75	83	70-130	0	0-20	
Dichlorodifluoromethane	ND	50.00	57.87	116	53.98	108	70-130	7	0-20	
1,1-Dichloroethane	ND	50.00	44.76	90	44.40	89	70-130	1	0-20	
1,2-Dichloroethane	ND	50.00	42.58	85	41.64	83	70-130	2	0-20	
1,1-Dichloroethene	ND	50.00	45.74	91	45.58	91	47-143	0	0-25	
c-1,2-Dichloroethene	ND	50.00	43.79	88	42.76	86	70-130	2	0-20	
t-1,2-Dichloroethene	ND	50.00	46.14	92	45.58	91	70-130	1	0-20	
1,2-Dichloropropane	ND	50.00	44.71	89	43.60	87	79-115	3	0-25	
1,3-Dichloropropane	ND	50.00	43.99	88	42.62	85	70-130	3	0-20	
2,2-Dichloropropane	ND	50.00	46.80	94	46.73	93	70-130	0	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	46.27	93	46.60	93	70-130	1	0-20	
c-1,3-Dichloropropene	ND	50.00	44.38	89	43.62	87	70-130	2	0-20	
t-1,3-Dichloropropene	ND	50.00	46.90	94	45.36	91	70-130	3	0-20	
Ethylbenzene	ND	50.00	45.05	90	44.38	89	57-129	1	0-22	
2-Hexanone	ND	50.00	39.83	80	38.80	78	70-130	3	0-20	
Isopropylbenzene	ND	50.00	45.49	91	44.91	90	70-130	1	0-20	
p-Isopropyltoluene	ND	50.00	45.51	91	45.81	92	70-130	1	0-20	
Methylene Chloride	ND	50.00	43.55	87	42.56	85	70-130	2	0-20	
4-Methyl-2-Pentanone	ND	50.00	40.14	80	40.34	81	70-130	1	0-20	
Naphthalene	ND	50.00	39.34	79	42.02	84	70-130	7	0-20	
n-Propylbenzene	ND	50.00	44.80	90	44.27	89	70-130	1	0-20	
Styrene	ND	50.00	44.98	90	44.22	88	70-130	2	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	46.05	92	44.94	90	70-130	2	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	42.69	85	42.74	85	70-130	0	0-20	
Tetrachloroethene	ND	50.00	44.82	90	44.18	88	70-130	1	0-20	
Toluene	ND	50.00	44.90	90	44.10	88	63-123	2	0-20	
1,2,3-Trichlorobenzene	ND	50.00	38.59	77	41.43	83	70-130	7	0-20	
1,2,4-Trichlorobenzene	ND	50.00	40.72	81	42.35	85	70-130	4	0-20	
1,1,1-Trichloroethane	ND	50.00	45.51	91	45.66	91	70-130	0	0-20	
1,1,2-Trichloroethane	ND	50.00	43.82	88	42.84	86	70-130	2	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	47.36	95	46.90	94	70-130	1	0-20	
Trichloroethene	ND	50.00	45.57	91	44.36	89	44-158	3	0-20	
1,2,3-Trichloropropane	ND	50.00	43.25	86	42.39	85	70-130	2	0-20	
1,2,4-Trimethylbenzene	ND	50.00	43.55	87	43.83	88	70-130	1	0-20	
Trichlorofluoromethane	ND	50.00	51.15	102	47.96	96	70-130	6	0-20	
1,3,5-Trimethylbenzene	ND	50.00	44.88	90	43.83	88	70-130	2	0-20	
Vinyl Acetate	ND	50.00	12.64	25	10.59	21	70-130	18	0-20	3
Vinyl Chloride	ND	50.00	54.79	110	51.17	102	49-139	7	0-47	
p/m-Xylene	ND	100.0	88.44	88	86.46	86	70-130	2	0-20	
o-Xylene	ND	50.00	44.99	90	44.33	89	70-130	1	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	42.23	84	42.05	84	57-123	0	0-21	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 15:34**	**160702S01**
16-06-2029-1	**PDS**	**Concrete**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 15:37**	**160702S01**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	21.99	88	75-125	
Arsenic	9.119	25.00	36.10	108	75-125	
Barium	151.1	25.00	177.5	4X	75-125	Q
Beryllium	0.2746	25.00	26.81	106	75-125	
Cadmium	ND	25.00	23.90	96	75-125	
Chromium	23.99	25.00	49.40	102	75-125	
Cobalt	3.240	25.00	26.73	94	75-125	
Copper	17.64	25.00	43.28	103	75-125	
Lead	1.316	25.00	25.59	97	75-125	
Molybdenum	1.885	25.00	26.84	100	75-125	
Nickel	5.520	25.00	30.14	98	75-125	
Selenium	1.199	25.00	28.36	109	75-125	
Silver	0.3734	12.50	13.79	107	75-125	
Thallium	ND	25.00	23.80	95	75-125	
Vanadium	18.77	25.00	44.17	102	75-125	
Zinc	40.54	25.00	64.98	98	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 7471A Total
Method: EPA 7471A
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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**Mercury 05**	**07/06/16 00:00**	**07/06/16 15:32**	**160706S02**
16-06-2029-1	**PDS**	**Concrete**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 11:39**	**160706S02**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.8350	0.8524	102	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	N/A
		Method:	ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-06-2036-1	**Sample**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 22:00**	**G0629MOID6**
16-06-2036-1	**Sample Duplicate**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 22:00**	**G0629MOID6**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	15.10	15.60	3	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8310
Project: UTAS - Due Diligence / 43559			Page 1 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-07-002-1878	**LCS**	**Solid**	**HPLC 5**	**07/01/16**	**07/05/16 16:29**	**160701L20**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	100.0	126.0	126	17-203	0-234	
Acenaphthylene	100.0	93.14	93	50-120	38-132	
Acenaphthene	100.0	85.65	86	41-120	28-133	
Fluorene	100.0	86.18	86	51-120	40-132	
Phenanthrene	100.0	89.37	89	56-120	45-131	
Anthracene	100.0	86.48	86	49-120	37-132	
Fluoranthene	100.0	92.03	92	60-120	50-130	
Pyrene	100.0	100.4	100	61-121	51-131	
Benzo (a) Anthracene	100.0	95.36	95	61-121	51-131	
Chrysene	100.0	91.95	92	61-121	51-131	
Benzo (b) Fluoranthene	100.0	90.44	90	61-121	51-131	
Benzo (k) Fluoranthene	100.0	85.03	85	57-129	45-141	
Benzo (a) Pyrene	100.0	92.84	93	43-120	30-133	
Dibenz (a,h) Anthracene	100.0	87.86	88	59-125	48-136	
Benzo (g,h,i) Perylene	100.0	95.04	95	57-123	46-134	
Indeno (1,2,3-c,d) Pyrene	100.0	91.46	91	64-130	53-141	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2144	**LCS**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:03**	**160630B05**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	307.6	77	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 3 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22889	**LCS**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:22**	**160702L01U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	24.74	99	80-120	73-127	
Arsenic	25.00	24.49	98	80-120	73-127	
Barium	25.00	26.41	106	80-120	73-127	
Beryllium	25.00	24.22	97	80-120	73-127	
Cadmium	25.00	25.25	101	80-120	73-127	
Chromium	25.00	25.70	103	80-120	73-127	
Cobalt	25.00	26.45	106	80-120	73-127	
Copper	25.00	25.58	102	80-120	73-127	
Lead	25.00	26.36	105	80-120	73-127	
Molybdenum	25.00	24.94	100	80-120	73-127	
Nickel	25.00	26.86	107	80-120	73-127	
Selenium	25.00	23.47	94	80-120	73-127	
Silver	12.50	12.44	100	80-120	73-127	
Thallium	25.00	26.17	105	80-120	73-127	
Vanadium	25.00	24.31	97	80-120	73-127	
Zinc	25.00	26.06	104	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 4 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-44	**LCS**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 15:29**	**160706L02**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.9333	112	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8081A
Project: UTAS - Due Diligence / 43559			Page 5 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-2463	**LCS**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 13:31**	**160705L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	21.00	84	50-135	36-149	
Alpha-BHC	25.00	20.87	83	50-135	36-149	
Beta-BHC	25.00	21.05	84	50-135	36-149	
4,4'-DDD	25.00	26.47	106	50-135	36-149	
4,4'-DDE	25.00	23.99	96	50-135	36-149	
4,4'-DDT	25.00	26.34	105	50-135	36-149	
Delta-BHC	25.00	23.55	94	50-135	36-149	
Dieldrin	25.00	23.98	96	50-135	36-149	
Endosulfan I	25.00	22.01	88	50-135	36-149	
Endosulfan II	25.00	27.68	111	50-135	36-149	
Endosulfan Sulfate	25.00	27.28	109	50-135	36-149	
Endrin	25.00	26.76	107	50-135	36-149	
Endrin Aldehyde	25.00	25.67	103	50-135	36-149	
Gamma-BHC	25.00	21.41	86	50-135	36-149	
Heptachlor	25.00	22.91	92	50-135	36-149	
Heptachlor Epoxide	25.00	22.78	91	50-135	36-149	
Methoxychlor	25.00	30.50	122	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8082
Project: UTAS - Due Diligence / 43559			Page 6 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-3813	**LCS**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 13:49**	**160705L08**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	99.00	99	50-135	
Aroclor-1260	100.0	91.00	91	50-135	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2030
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 7 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-572	**LCS**	**Solid**	**GC/MS Q**	**06/30/16**	**06/30/16 09:36**	**160630L012**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	46.68	93	70-130	60-140	
Benzene	50.00	43.57	87	78-120	71-127	
Bromobenzene	50.00	45.63	91	70-130	60-140	
Bromochloromethane	50.00	41.68	83	70-130	60-140	
Bromodichloromethane	50.00	43.92	88	70-130	60-140	
Bromoform	50.00	45.72	91	70-130	60-140	
Bromomethane	50.00	36.36	73	70-130	60-140	
2-Butanone	50.00	43.62	87	70-130	60-140	
n-Butylbenzene	50.00	46.58	93	77-123	69-131	
sec-Butylbenzene	50.00	47.24	94	70-130	60-140	
tert-Butylbenzene	50.00	48.31	97	70-130	60-140	
Carbon Disulfide	50.00	42.41	85	70-130	60-140	
Carbon Tetrachloride	50.00	44.70	89	49-139	34-154	
Chlorobenzene	50.00	44.36	89	79-120	72-127	
Chloroethane	50.00	43.74	87	70-130	60-140	
Chloroform	50.00	40.98	82	70-130	60-140	
Chloromethane	50.00	44.11	88	70-130	60-140	
2-Chlorotoluene	50.00	45.36	91	70-130	60-140	
4-Chlorotoluene	50.00	45.93	92	70-130	60-140	
Dibromochloromethane	50.00	43.90	88	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	48.29	97	70-130	60-140	
1,2-Dibromoethane	50.00	45.92	92	70-130	60-140	
Dibromomethane	50.00	44.38	89	70-130	60-140	
1,2-Dichlorobenzene	50.00	45.94	92	75-120	68-128	
1,3-Dichlorobenzene	50.00	46.19	92	70-130	60-140	
1,4-Dichlorobenzene	50.00	44.71	89	70-130	60-140	
Dichlorodifluoromethane	50.00	52.20	104	70-130	60-140	
1,1-Dichloroethane	50.00	42.29	85	70-130	60-140	
1,2-Dichloroethane	50.00	42.22	84	70-130	60-140	
1,1-Dichloroethene	50.00	42.84	86	74-122	66-130	
c-1,2-Dichloroethene	50.00	41.40	83	70-130	60-140	
t-1,2-Dichloroethene	50.00	43.98	88	70-130	60-140	
1,2-Dichloropropane	50.00	45.86	92	79-115	73-121	
1,3-Dichloropropane	50.00	44.25	89	70-130	60-140	
2,2-Dichloropropane	50.00	45.53	91	70-130	60-140	
1,1-Dichloropropene	50.00	44.80	90	70-130	60-140	
c-1,3-Dichloropropene	50.00	47.00	94	70-130	60-140	
t-1,3-Dichloropropene	50.00	48.49	97	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2030
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	46.04	92	76-120	69-127	
2-Hexanone	50.00	49.98	100	70-130	60-140	
Isopropylbenzene	50.00	46.87	94	70-130	60-140	
p-Isopropyltoluene	50.00	47.96	96	70-130	60-140	
Methylene Chloride	50.00	41.03	82	70-130	60-140	
4-Methyl-2-Pentanone	50.00	48.06	96	70-130	60-140	
Naphthalene	50.00	45.72	91	70-130	60-140	
n-Propylbenzene	50.00	46.28	93	70-130	60-140	
Styrene	50.00	46.45	93	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	48.28	97	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	45.68	91	70-130	60-140	
Tetrachloroethene	50.00	44.27	89	70-130	60-140	
Toluene	50.00	46.17	92	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	46.05	92	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	49.48	99	70-130	60-140	
1,1,1-Trichloroethane	50.00	43.27	87	70-130	60-140	
1,1,2-Trichloroethane	50.00	44.40	89	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	44.44	89	70-130	60-140	
Trichloroethene	50.00	45.56	91	70-130	60-140	
1,2,3-Trichloropropane	50.00	47.38	95	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	46.20	92	70-130	60-140	
Trichlorofluoromethane	50.00	45.22	90	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	47.41	95	70-130	60-140	
Vinyl Acetate	50.00	39.26	79	70-130	60-140	
Vinyl Chloride	50.00	47.91	96	68-122	59-131	
p/m-Xylene	100.0	92.01	92	70-130	60-140	
o-Xylene	50.00	47.30	95	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	44.45	89	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-2030 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7471A	EPA 7471A Total	868	Mercury 05	1
EPA 8015B (M)	EPA 3550B	972	GC 49	1
EPA 8081A	EPA 3545	669	GC 41	1
EPA 8082	EPA 3545	944	GC 58	1
EPA 8260B	EPA 5030C	1055	GC/MS Q	2
EPA 8310	EPA 3545	960	HPLC 5	1

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Glossary of Terms and Qualifiers

Work Order: 16-06-2030 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 1

LABORATORY CLIENT: **Haley & Aldrich**

ADDRESS: **5333 Mission Center Road, Suite 200**
San Diego, CA 92108

TEL: **619-285-7141** | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: **UTAS - Due ~~Diligence~~ D. Diligence / 43559**

PROJECT CONTACT: **Robert K. Scott**

SAMPLER(S): (SIGNATURE) Tyree Burns

P.O. NO.:

LAB USE ONLY **16-06-2030**

COELT LOG CODE ☐☐☐☐

COOLER RECEIPT Temp = _____ °C

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS
UTC Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs	OCPs	Hold				CONTAINER TYPE
1		BB-20-01	6/28/16	0947	Soil	1	X	X	X	X		X						
2		BB-20-03		0949	Soil	1	X	X	X	X								
3		BB-20-10		0952	Soil	1	X	X	X	X				X				Hold Sample
4		BB-21-01		1024	Soil	1	X	X	X	X			X					
5		BB-21-03		1026	Soil	1	X	X	X	X								
6		BB-21-10		1028	Soil	1	X	X	X	X								Hold sample
7		BB-22-01		1102	Soil	1	X	X	X	X		X						
8		BB-22-03		1104	Soil	1	X	X	X	X								
9		BB-22-10		1106	Soil	1	X	X	X	X				X				Hold Sample

Relinquished by: (Signature)	Received by: (Signature) ECI	Date: 6/28/16	Time: 1545
Relinquished by: (Signature)	Received by: (Signature) ECI	Date: 062816	Time: 1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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WORK ORDER NUMBER: 16-06-2030

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 06 / 28 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 671

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 671

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1013

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1013

Reviewed by: 659

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WORK ORDER NUMBER: 16-06-2031

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/13/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Narrative

Work Order: 16-06-2031 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/28/16. They were assigned to Work Order 16-06-2031.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-06-2031

EPA Method 6010B Total Metals:

Project Required Detection Limit (PRDL):

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Silver, Selenium, Thallium and Zinc on 07/01/16.

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Chromium, Antimony, Selenium, and Zinc on 07/05/16.

EPA Method 8260B Volatile Organics:

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160629S007	2-Chloro Vinyl Ether[3]
160630S002	Carbon Disulfide[3], Dichlorodifluoromethane[3], 1,2-Dichloropropane[3] and Vinyl Acetate[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

Table B: Laboratory Control Sample (LCS) / LCS Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160629L007	Isobutyl Alcohol[ME]
160630L003	Carbon Disulfide[ME], and Dichlorodifluoromethane[ME]

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

EPA Method 8310 PAHs:

Table C: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8310	
Batch #	Analytes(s)
160702S06	Benzo (a) Anthracene[3,4], Dibenz (a,h) Anthracence[3] and Indeno (1,2,3-c,d) Pyrene[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2031
		Project Name:	UTAS - Due Diligence / 43559
		PO Number:	
		Date/Time Received:	06/28/16 19:00
		Number of Containers:	15
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-17-01	16-06-2031-1	06/28/16 09:52	1	Solid
BB-17-04	16-06-2031-2	06/28/16 09:54	1	Solid
BB-17-10	16-06-2031-3	06/28/16 09:56	1	Solid
BB-17-GW	16-06-2031-4	06/28/16 10:10	6	Aqueous
BB-18-01	16-06-2031-5	06/28/16 10:36	1	Solid
BB-18-04	16-06-2031-6	06/28/16 10:38	1	Solid
BB-18-10	16-06-2031-7	06/28/16 10:40	1	Solid
BB-19-01	16-06-2031-8	06/28/16 12:21	1	Solid
BB-19-03	16-06-2031-9	06/28/16 12:23	1	Solid
BB-19-10	16-06-2031-10	06/28/16 12:25	1	Solid

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Detections Summary

Client: Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Work Order: 16-06-2031
Project Name: UTAS - Due Diligence / 43559
Received: 06/28/16

Attn: Robert K. Scott

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-17-01 (16-06-2031-1)						
Moisture	3.5		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	3.25		0.754	mg/kg	EPA 6010B	EPA 3050B
Barium	72.6		0.503	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.239	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.407	J	0.136*	mg/kg	EPA 6010B	EPA 3050B
Chromium	12.8		0.251	mg/kg	EPA 6010B	EPA 3050B
Cobalt	4.42		0.251	mg/kg	EPA 6010B	EPA 3050B
Copper	7.64		0.503	mg/kg	EPA 6010B	EPA 3050B
Lead	9.76		0.503	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.425		0.251	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.91		0.251	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.903		0.754	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.252	J	0.152*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	29.6		0.251	mg/kg	EPA 6010B	EPA 3050B
Zinc	33.0		1.01	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00945	J	0.00597*	mg/kg	EPA 7471A	EPA 7471A Total
C25-C28	2.9	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	13		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	19		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	4.3	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	39		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
4,4'-DDT	4.8	J	2.2*	ug/kg	EPA 8081A	EPA 3545
Aroclor-1254	120		50	ug/kg	EPA 8082	EPA 3545
BB-17-04 (16-06-2031-2)						
Moisture	3.8		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.38		0.732	mg/kg	EPA 6010B	EPA 3050B
Barium	69.5		0.488	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.309		0.244	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.335	J	0.132*	mg/kg	EPA 6010B	EPA 3050B
Chromium	16.3		0.244	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.81		0.244	mg/kg	EPA 6010B	EPA 3050B
Copper	10.0		0.488	mg/kg	EPA 6010B	EPA 3050B
Lead	4.17		0.488	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.24		0.244	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.368	J	0.292*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	51.5		0.244	mg/kg	EPA 6010B	EPA 3050B
Zinc	24.8		0.976	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0215	J	0.00559*	mg/kg	EPA 7471A	EPA 7471A Total

* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2031
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 2 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-17-GW (16-06-2031-4)						
Arsenic	0.0149		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Barium	0.0430		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Cobalt	0.0211		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Copper	0.00481	J	0.00267*	mg/L	EPA 6010B	EPA 3005A Filt.
Molybdenum	0.105	B	0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Nickel	0.0125		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Selenium	0.0164		0.0150	mg/L	EPA 6010B	EPA 3005A Filt.
Silver	0.00156	J	0.00139*	mg/L	EPA 6010B	EPA 3005A Filt.
Zinc	0.0119		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Acetone	5.1	J	3.5*	ug/L	EPA 8260B	EPA 5030C
Bromomethane	0.88	J	0.38*	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.5		0.50	ug/L	EPA 8260B	EPA 5030C
Chloromethane	0.24	J	0.22*	ug/L	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2031
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 3 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-18-01 (16-06-2031-5)						
Moisture	5.0		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	5.58		0.765	mg/kg	EPA 6010B	EPA 3050B
Barium	79.4		0.510	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.242	J	0.140*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.451	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Chromium	17.5		0.255	mg/kg	EPA 6010B	EPA 3050B
Cobalt	3.74		0.255	mg/kg	EPA 6010B	EPA 3050B
Copper	10.9		0.510	mg/kg	EPA 6010B	EPA 3050B
Lead	17.6		0.510	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.863		0.255	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.92		0.255	mg/kg	EPA 6010B	EPA 3050B
Silver	0.185	J	0.0875*	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.470	J	0.155*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	23.9		0.255	mg/kg	EPA 6010B	EPA 3050B
Zinc	48.2		1.02	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0239	J	0.00597*	mg/kg	EPA 7471A	EPA 7471A Total
C29-C32	32		25	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	35		25	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	29		25	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	97		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Phenanthrene	23		10	ug/kg	EPA 8310	EPA 3545
Anthracene	8.2	J	2.0*	ug/kg	EPA 8310	EPA 3545
Fluoranthene	54		10	ug/kg	EPA 8310	EPA 3545
Pyrene	32		10	ug/kg	EPA 8310	EPA 3545
Benzo (a) Anthracene	5.5	J	2.5*	ug/kg	EPA 8310	EPA 3545
Chrysene	20		10	ug/kg	EPA 8310	EPA 3545
Benzo (b) Fluoranthene	21		10	ug/kg	EPA 8310	EPA 3545
Benzo (k) Fluoranthene	47		10	ug/kg	EPA 8310	EPA 3545
Benzo (a) Pyrene	19		10	ug/kg	EPA 8310	EPA 3545
Dibenz (a,h) Anthracene	60		10	ug/kg	EPA 8310	EPA 3545
Benzo (g,h,i) Perylene	28		10	ug/kg	EPA 8310	EPA 3545
Indeno (1,2,3-c,d) Pyrene	110		10	ug/kg	EPA 8310	EPA 3545

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2031
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 4 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-18-04 (16-06-2031-6)						
Moisture	6.3		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.77		0.765	mg/kg	EPA 6010B	EPA 3050B
Barium	74.9		0.510	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.318		0.255	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.881		0.510	mg/kg	EPA 6010B	EPA 3050B
Chromium	17.0		0.255	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.32		0.255	mg/kg	EPA 6010B	EPA 3050B
Copper	23.5		0.510	mg/kg	EPA 6010B	EPA 3050B
Lead	22.7		0.510	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.147	J	0.135*	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.92		0.255	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.467	J	0.306*	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.181	J	0.155*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	49.6		0.255	mg/kg	EPA 6010B	EPA 3050B
Zinc	55.5		1.02	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0234	J	0.00597*	mg/kg	EPA 7471A	EPA 7471A Total

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2031
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 5 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-19-01 (16-06-2031-8)						
Moisture	3.1		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	6.75		0.761	mg/kg	EPA 6010B	EPA 3050B
Barium	92.9		0.508	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.282		0.254	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.432	J	0.137*	mg/kg	EPA 6010B	EPA 3050B
Chromium	14.3		0.254	mg/kg	EPA 6010B	EPA 3050B
Cobalt	4.55		0.254	mg/kg	EPA 6010B	EPA 3050B
Copper	13.6		0.508	mg/kg	EPA 6010B	EPA 3050B
Lead	14.5		0.508	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.884		0.254	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.50		0.254	mg/kg	EPA 6010B	EPA 3050B
Selenium	1.16		0.761	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.734	J	0.154*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	27.2		0.254	mg/kg	EPA 6010B	EPA 3050B
Zinc	56.9		1.02	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0218	J	0.00618*	mg/kg	EPA 7471A	EPA 7471A Total
C29-C32	57		50	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	66		50	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	42	J	13*	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	29	J	13*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	190		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Chlordane	33	J	26*	ug/kg	EPA 8081A	EPA 3545
4,4'-DDE	2.4	J	2.2*	ug/kg	EPA 8081A	EPA 3545
4,4'-DDT	4.1	J	2.2*	ug/kg	EPA 8081A	EPA 3545

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2031
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 6 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-19-03 (16-06-2031-9)						
Moisture	3.4		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.06		0.732	mg/kg	EPA 6010B	EPA 3050B
Barium	83.4		0.488	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.326		0.244	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.510		0.488	mg/kg	EPA 6010B	EPA 3050B
Chromium	16.9		0.244	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.24		0.244	mg/kg	EPA 6010B	EPA 3050B
Copper	20.4		0.488	mg/kg	EPA 6010B	EPA 3050B
Lead	14.9		0.488	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.51		0.244	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.223	J	0.148*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	49.8		0.244	mg/kg	EPA 6010B	EPA 3050B
Zinc	43.6		0.976	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0235	J	0.00618*	mg/kg	EPA 7471A	EPA 7471A Total

Subcontracted analyses, if any, are not included in this summary.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-01	**16-06-2031-5-AA**	**06/28/16 10:36**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 06:03**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	23	10	2.1	1.00	
Anthracene	8.2	10	2.0	1.00	J
Fluoranthene	54	10	2.1	1.00	
Pyrene	32	10	2.9	1.00	
Benzo (a) Anthracene	5.5	10	2.5	1.00	J
Chrysene	20	10	2.1	1.00	
Benzo (b) Fluoranthene	21	10	2.1	1.00	
Benzo (k) Fluoranthene	47	10	1.7	1.00	
Benzo (a) Pyrene	19	10	2.0	1.00	
Dibenz (a,h) Anthracene	60	10	2.9	1.00	
Benzo (g,h,i) Perylene	28	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	110	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	68	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1879**	**N/A**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:02**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	61	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-01	**16-06-2031-1-AA**	**06/28/16 09:52**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.5	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-04	**16-06-2031-2-AA**	**06/28/16 09:54**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.8	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-01	**16-06-2031-5-AA**	**06/28/16 10:36**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	5.0	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-04	**16-06-2031-6-AA**	**06/28/16 10:38**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	6.3	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-01	**16-06-2031-8-AA**	**06/28/16 12:21**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.1	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-03	**16-06-2031-9-AA**	**06/28/16 12:23**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.4	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6079**	**N/A**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-01	**16-06-2031-1-AA**	**06/28/16 09:52**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 21:22**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	ND	4.9	1.2	1.00	
C23-C24	ND	4.9	1.2	1.00	
C25-C28	2.9	4.9	1.2	1.00	J
C29-C32	13	4.9	1.2	1.00	
C33-C36	19	4.9	1.2	1.00	
C37-C40	4.3	4.9	1.2	1.00	J
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	39	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	80	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: UTAS - Due Diligence / 43559			Page 2 of 7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-04	**16-06-2031-2-AA**	**06/28/16 09:54**	**Solid**	**GC 49**	**06/30/16**	**07/01/16 14:15**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-01	**16-06-2031-5-AA**	**06/28/16 10:36**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 21:40**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	25	6.3	5.00	
C7	ND	25	6.3	5.00	
C8	ND	25	6.3	5.00	
C9-C10	ND	25	6.3	5.00	
C11-C12	ND	25	6.3	5.00	
C13-C14	ND	25	6.3	5.00	
C15-C16	ND	25	6.3	5.00	
C17-C18	ND	25	6.3	5.00	
C19-C20	ND	25	6.3	5.00	
C21-C22	ND	25	6.3	5.00	
C23-C24	ND	25	6.3	5.00	
C25-C28	ND	25	6.3	5.00	
C29-C32	32	25	6.3	5.00	
C33-C36	35	25	6.3	5.00	
C37-C40	29	25	6.3	5.00	
C41-C44	ND	25	6.3	5.00	
C6-C44 Total	97	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	88	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-04	**16-06-2031-6-AA**	**06/28/16 10:38**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 18:07**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.1	1.3	1.00	
C7	ND	5.1	1.3	1.00	
C8	ND	5.1	1.3	1.00	
C9-C10	ND	5.1	1.3	1.00	
C11-C12	ND	5.1	1.3	1.00	
C13-C14	ND	5.1	1.3	1.00	
C15-C16	ND	5.1	1.3	1.00	
C17-C18	ND	5.1	1.3	1.00	
C19-C20	ND	5.1	1.3	1.00	
C21-C22	ND	5.1	1.3	1.00	
C23-C24	ND	5.1	1.3	1.00	
C25-C28	ND	5.1	1.3	1.00	
C29-C32	ND	5.1	1.3	1.00	
C33-C36	ND	5.1	1.3	1.00	
C37-C40	ND	5.1	1.3	1.00	
C41-C44	ND	5.1	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	91	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-01	**16-06-2031-8-AA**	**06/28/16 12:21**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 22:33**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	50	13	10.0	
C7	ND	50	13	10.0	
C8	ND	50	13	10.0	
C9-C10	ND	50	13	10.0	
C11-C12	ND	50	13	10.0	
C13-C14	ND	50	13	10.0	
C15-C16	ND	50	13	10.0	
C17-C18	ND	50	13	10.0	
C19-C20	ND	50	13	10.0	
C21-C22	ND	50	13	10.0	
C23-C24	ND	50	13	10.0	
C25-C28	ND	50	13	10.0	
C29-C32	57	50	13	10.0	
C33-C36	66	50	13	10.0	
C37-C40	42	50	13	10.0	J
C41-C44	29	50	13	10.0	J
C6-C44 Total	190	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	66	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-03	**16-06-2031-9-AA**	**06/28/16 12:23**	**Solid**	**GC 49**	**06/30/16**	**07/01/16 14:32**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	ND	4.9	1.2	1.00	
C23-C24	ND	4.9	1.2	1.00	
C25-C28	ND	4.9	1.2	1.00	
C29-C32	ND	4.9	1.2	1.00	
C33-C36	ND	4.9	1.2	1.00	
C37-C40	ND	4.9	1.2	1.00	
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2144**	**N/A**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 15:45**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-01	**16-06-2031-1-AA**	**06/28/16 09:52**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:53**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.754	0.150	1.01	
Arsenic	3.25	0.754	0.260	1.01	
Barium	72.6	0.503	0.155	1.01	
Beryllium	0.239	0.251	0.138	1.01	J
Cadmium	0.407	0.503	0.136	1.01	J
Chromium	12.8	0.251	0.143	1.01	
Cobalt	4.42	0.251	0.149	1.01	
Copper	7.64	0.503	0.135	1.01	
Lead	9.76	0.503	0.132	1.01	
Molybdenum	0.425	0.251	0.133	1.01	
Nickel	5.91	0.251	0.145	1.01	
Selenium	0.903	0.754	0.301	1.01	
Silver	ND	0.251	0.0861	1.01	
Thallium	0.252	0.754	0.152	1.01	J
Vanadium	29.6	0.251	0.142	1.01	
Zinc	33.0	1.01	0.178	1.01	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-04	**16-06-2031-2-AA**	**06/28/16 09:54**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:54**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.732	0.145	0.976	
Arsenic	1.38	0.732	0.253	0.976	
Barium	69.5	0.488	0.151	0.976	
Beryllium	0.309	0.244	0.134	0.976	
Cadmium	0.335	0.488	0.132	0.976	J
Chromium	16.3	0.244	0.139	0.976	
Cobalt	9.81	0.244	0.144	0.976	
Copper	10.0	0.488	0.131	0.976	
Lead	4.17	0.488	0.128	0.976	
Molybdenum	ND	0.244	0.129	0.976	
Nickel	7.24	0.244	0.141	0.976	
Selenium	0.368	0.732	0.292	0.976	J
Silver	ND	0.244	0.0836	0.976	
Thallium	ND	0.732	0.148	0.976	
Vanadium	51.5	0.244	0.138	0.976	
Zinc	24.8	0.976	0.173	0.976	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-01	**16-06-2031-5-AA**	**06/28/16 10:36**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:55**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	5.58	0.765	0.264	1.02	
Barium	79.4	0.510	0.158	1.02	
Beryllium	0.242	0.255	0.140	1.02	J
Cadmium	0.451	0.510	0.138	1.02	J
Chromium	17.5	0.255	0.145	1.02	
Cobalt	3.74	0.255	0.151	1.02	
Copper	10.9	0.510	0.137	1.02	
Lead	17.6	0.510	0.134	1.02	
Molybdenum	0.863	0.255	0.135	1.02	
Nickel	5.92	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	0.185	0.255	0.0875	1.02	J
Thallium	0.470	0.765	0.155	1.02	J
Vanadium	23.9	0.255	0.144	1.02	
Zinc	48.2	1.02	0.181	1.02	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-04	**16-06-2031-6-AA**	**06/28/16 10:38**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:56**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	1.77	0.765	0.264	1.02	
Barium	74.9	0.510	0.158	1.02	
Beryllium	0.318	0.255	0.140	1.02	
Cadmium	0.881	0.510	0.138	1.02	
Chromium	17.0	0.255	0.145	1.02	
Cobalt	9.32	0.255	0.151	1.02	
Copper	23.5	0.510	0.137	1.02	
Lead	22.7	0.510	0.134	1.02	
Molybdenum	0.147	0.255	0.135	1.02	J
Nickel	8.92	0.255	0.148	1.02	
Selenium	0.467	0.765	0.306	1.02	J
Silver	ND	0.255	0.0875	1.02	
Thallium	0.181	0.765	0.155	1.02	J
Vanadium	49.6	0.255	0.144	1.02	
Zinc	55.5	1.02	0.181	1.02	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-01	**16-06-2031-8-AA**	**06/28/16 12:21**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 16:03**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.761	0.151	1.02	
Arsenic	6.75	0.761	0.263	1.02	
Barium	92.9	0.508	0.157	1.02	
Beryllium	0.282	0.254	0.139	1.02	
Cadmium	0.432	0.508	0.137	1.02	J
Chromium	14.3	0.254	0.144	1.02	
Cobalt	4.55	0.254	0.150	1.02	
Copper	13.6	0.508	0.137	1.02	
Lead	14.5	0.508	0.134	1.02	
Molybdenum	0.884	0.254	0.134	1.02	
Nickel	7.50	0.254	0.147	1.02	
Selenium	1.16	0.761	0.304	1.02	
Silver	ND	0.254	0.0870	1.02	
Thallium	0.734	0.761	0.154	1.02	J
Vanadium	27.2	0.254	0.143	1.02	
Zinc	56.9	1.02	0.180	1.02	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-03	**16-06-2031-9-AA**	**06/28/16 12:23**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 16:04**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.732	0.145	0.976	
Arsenic	2.06	0.732	0.253	0.976	
Barium	83.4	0.488	0.151	0.976	
Beryllium	0.326	0.244	0.134	0.976	
Cadmium	0.510	0.488	0.132	0.976	
Chromium	16.9	0.244	0.139	0.976	
Cobalt	9.24	0.244	0.144	0.976	
Copper	20.4	0.488	0.131	0.976	
Lead	14.9	0.488	0.128	0.976	
Molybdenum	ND	0.244	0.129	0.976	
Nickel	7.51	0.244	0.141	0.976	
Selenium	ND	0.732	0.292	0.976	
Silver	ND	0.244	0.0836	0.976	
Thallium	0.223	0.732	0.148	0.976	J
Vanadium	49.8	0.244	0.138	0.976	
Zinc	43.6	0.976	0.173	0.976	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22889**	**N/A**	**Solid**	**ICP 7300**	**07/02/16**	**07/07/16 10:31**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	ND	0.765	0.264	1.02	
Barium	ND	0.510	0.158	1.02	
Beryllium	ND	0.255	0.140	1.02	
Cadmium	ND	0.510	0.138	1.02	
Chromium	ND	0.255	0.145	1.02	
Cobalt	ND	0.255	0.151	1.02	
Copper	ND	0.510	0.137	1.02	
Lead	ND	0.510	0.134	1.02	
Molybdenum	ND	0.255	0.135	1.02	
Nickel	ND	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	ND	0.255	0.0875	1.02	
Thallium	ND	0.765	0.155	1.02	
Vanadium	ND	0.255	0.144	1.02	
Zinc	ND	1.02	0.181	1.02	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-GW	**16-06-2031-4-F**	**06/28/16 10:10**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:11**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.0150	0.00787	1.00	
Arsenic	0.0149	0.0100	0.00438	1.00	
Barium	0.0430	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	0.0211	0.0100	0.00295	1.00	
Copper	0.00481	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.105	0.0100	0.00278	1.00	B
Nickel	0.0125	0.0100	0.00298	1.00	
Selenium	0.0164	0.0150	0.00699	1.00	
Silver	0.00156	0.00500	0.00139	1.00	J
Thallium	ND	0.0150	0.00291	1.00	
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	0.0119	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-460-98**	**N/A**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:28**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.0413	0.0150	0.00787	1.00	
Arsenic	ND	0.0100	0.00438	1.00	
Barium	ND	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	ND	0.0100	0.00295	1.00	
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.00769	0.0100	0.00278	1.00	J
Nickel	ND	0.0100	0.00298	1.00	
Selenium	ND	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	0.00605	0.0150	0.00291	1.00	J
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	ND	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 7470A Filt.
Method: EPA 7470A
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-GW	**16-06-2031-4-F**	**06/28/16 10:10**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:25**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-456-3**	**N/A**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:14**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-01	**16-06-2031-1-AA**	**06/28/16 09:52**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:35**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00945	0.0847	0.00597	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-04	**16-06-2031-2-AA**	**06/28/16 09:54**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 16:05**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0215	0.0794	0.00559	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-01	**16-06-2031-5-AA**	**06/28/16 10:36**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 16:07**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0239	0.0847	0.00597	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-04	**16-06-2031-6-AA**	**06/28/16 10:38**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 16:09**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0234	0.0847	0.00597	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-01	**16-06-2031-8-AA**	**06/28/16 12:21**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:28**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0218	0.0877	0.00618	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-03	**16-06-2031-9-AA**	**06/28/16 12:23**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:31**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0235	0.0877	0.00618	1.00	J

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-44**	**N/A**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 15:27**	**160706L02**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0833	0.00587	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-01	**16-06-2031-1-AA**	**06/28/16 09:52**	**Solid**	**GC 44**	**07/05/16**	**07/09/16 11:13**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	4.8	5.0	2.2	1.00	J
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	98	24-168	
2,4,5,6-Tetrachloro-m-Xylene	79	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-01	**16-06-2031-8-AA**	**06/28/16 12:21**	**Solid**	**GC 44**	**07/05/16**	**07/09/16 11:28**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	33	50	26	1.00	J
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	2.4	5.0	2.2	1.00	J
4,4'-DDT	4.1	5.0	2.2	1.00	J
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.3	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.3	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	98	24-168	
2,4,5,6-Tetrachloro-m-Xylene	82	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-2463**	**N/A**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:03**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	97	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-01	**16-06-2031-1-AA**	**06/28/16 09:52**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 19:12**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	120	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	114	24-168	
2,4,5,6-Tetrachloro-m-Xylene	87	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-04	**16-06-2031-2-AA**	**06/28/16 09:54**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 19:30**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	112	24-168	
2,4,5,6-Tetrachloro-m-Xylene	58	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-01	**16-06-2031-5-AA**	**06/28/16 10:36**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 19:48**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	115	24-168	
2,4,5,6-Tetrachloro-m-Xylene	93	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-04	**16-06-2031-6-AA**	**06/28/16 10:38**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 20:06**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	108	24-168	
2,4,5,6-Tetrachloro-m-Xylene	57	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-01	**16-06-2031-8-AA**	**06/28/16 12:21**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 20:24**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	115	24-168	
2,4,5,6-Tetrachloro-m-Xylene	85	25-145	

BB-19-03	**16-06-2031-9-AA**	**06/28/16 12:23**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 20:42**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	108	24-168	
2,4,5,6-Tetrachloro-m-Xylene	71	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-3813**	**N/A**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 13:31**	**160705L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	92	24-168	
2,4,5,6-Tetrachloro-m-Xylene	91	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-GW	**16-06-2031-4-A**	**06/28/16 10:10**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 19:39**	**160629L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	5.1	10	3.5	1.00	J
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	0.88	1.0	0.38	1.00	J
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	1.5	0.50	0.22	1.00	
Chloromethane	0.24	0.50	0.22	1.00	J
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	68-120	
Dibromofluoromethane	106	71-135	
1,2-Dichloroethane-d4	109	64-139	
Toluene-d8	102	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-446-105**	**N/A**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 10:33**	**160629L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	10	3.5	1.00	
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	ND	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	99	71-135	
1,2-Dichloroethane-d4	99	64-139	
Toluene-d8	97	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-01	**16-06-2031-1-A**	**06/28/16 09:52**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 16:40**	**160630L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.22	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.80	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.46	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.36	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.16	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.65	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.84	1.00	
n-Propylbenzene	ND	5.1	0.52	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.22	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.52	1.00	
p/m-Xylene	ND	5.1	0.28	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	93	63-141	
1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-17-04	**16-06-2031-2-A**	**06/28/16 09:54**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 17:07**	**160630L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	92	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-01	**16-06-2031-5-A**	**06/28/16 10:36**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 17:35**	**160630L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-18-04	**16-06-2031-6-A**	**06/28/16 10:38**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 18:02**	**160630L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.2	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-01	**16-06-2031-8-A**	**06/28/16 12:21**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 18:29**	**160630L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.5	1.00	
Benzene	ND	5.2	0.14	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.72	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.83	1.00	
Bromomethane	ND	26	9.8	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.6	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.32	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.27	1.00	
Dibromomethane	ND	5.2	0.81	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.33	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.53	1.00	
1,2-Dichloropropane	ND	5.2	0.46	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.27	1.00	
t-1,3-Dichloropropene	ND	5.2	0.63	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.57	1.00	
p-Isopropyltoluene	ND	5.2	0.66	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.85	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.63	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.54	1.00	
1,2,3-Trichlorobenzene	ND	10	0.95	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.37	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.61	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.58	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.31	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-19-03	**16-06-2031-9-A**	**06/28/16 12:23**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 18:57**	**160630L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.32	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.62	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.56	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.60	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-571**	**N/A**	**Solid**	**GC/MS BB**	**06/30/16**	**06/30/16 09:55**	**160630L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	100	63-141	
1,2-Dichloroethane-d4	105	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8310

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-31	**Sample**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 12:01**	**160702S06**
16-06-2175-31	**Matrix Spike**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:06**	**160702S06**
16-06-2175-31	**Matrix Spike Duplicate**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:38**	**160702S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	100.0	91.88	92	84.31	84	23-167	9	0-46	
Acenaphthylene	ND	100.0	85.70	86	76.37	76	24-120	12	0-47	
Acenaphthene	ND	100.0	80.70	81	71.95	72	16-120	11	0-46	
Fluorene	ND	100.0	72.76	73	67.08	67	32-120	8	0-44	
Phenanthrene	ND	100.0	70.62	71	65.40	65	34-120	8	0-38	
Anthracene	ND	100.0	69.44	69	64.42	64	27-120	8	0-45	
Fluoranthene	ND	100.0	60.43	60	56.64	57	32-122	6	0-41	
Pyrene	ND	100.0	56.63	57	50.54	51	31-127	11	0-38	
Benzo (a) Anthracene	ND	100.0	21.01	21	8.489	8	32-122	85	0-43	3,4
Chrysene	ND	100.0	67.53	68	63.16	63	30-132	7	0-42	
Benzo (b) Fluoranthene	15.17	100.0	98.38	83	65.26	50	33-120	40	0-44	
Benzo (k) Fluoranthene	31.49	100.0	60.33	29	67.32	36	23-149	11	0-44	
Benzo (a) Pyrene	15.48	100.0	112.6	97	97.57	82	12-132	14	0-48	
Dibenz (a,h) Anthracene	188.1	100.0	268.1	80	183.3	0	29-125	38	0-43	3
Benzo (g,h,i) Perylene	18.28	100.0	95.51	77	64.44	46	24-132	39	0-42	
Indeno (1,2,3-c,d) Pyrene	332.6	100.0	322.3	0	237.9	0	29-143	30	0-42	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2032-8	**Sample**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 17:31**	**160630S05**
16-06-2032-8	**Matrix Spike**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:21**	**160630S05**
16-06-2032-8	**Matrix Spike Duplicate**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:38**	**160630S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	ND	400.0	313.7	78	331.1	83	64-130	5	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:34**	**160702S01**
16-06-2029-1	**Matrix Spike**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:35**	**160702S01**
16-06-2029-1	**Matrix Spike Duplicate**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:36**	**160702S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	3.093	12	4.345	17	50-115	34	0-20	3,4
Arsenic	9.119	25.00	38.33	117	36.34	109	75-125	5	0-20	
Barium	151.1	25.00	173.0	4X	173.5	4X	75-125	4X	0-20	Q
Beryllium	0.2746	25.00	27.12	107	28.10	111	75-125	4	0-20	
Cadmium	ND	25.00	24.61	98	25.29	101	75-125	3	0-20	
Chromium	23.99	25.00	50.31	105	51.05	108	75-125	1	0-20	
Cobalt	3.240	25.00	27.48	97	28.27	100	75-125	3	0-20	
Copper	17.64	25.00	43.27	103	43.61	104	75-125	1	0-20	
Lead	1.316	25.00	26.35	100	26.93	102	75-125	2	0-20	
Molybdenum	1.885	25.00	27.03	101	27.73	103	75-125	3	0-20	
Nickel	5.520	25.00	30.61	100	30.90	102	75-125	1	0-20	
Selenium	1.199	25.00	25.62	98	29.12	112	75-125	13	0-20	
Silver	0.3734	12.50	13.95	109	14.41	112	75-125	3	0-20	
Thallium	ND	25.00	14.42	58	16.15	65	75-125	11	0-20	3
Vanadium	18.77	25.00	43.06	97	42.71	96	75-125	1	0-20	
Zinc	40.54	25.00	66.09	102	68.68	113	75-125	4	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3005A Filt.
Method: EPA 6010B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**Matrix Spike**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:02**	**160630SA2**
16-06-2029-10	**Matrix Spike Duplicate**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:03**	**160630SA2**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	0.5000	0.5226	105	0.5360	107	75-125	3	0-20	
Arsenic	ND	0.5000	0.5284	106	0.5320	106	75-125	1	0-20	
Barium	0.02259	0.5000	0.5364	103	0.5367	103	75-125	0	0-20	
Beryllium	ND	0.5000	0.5139	103	0.5169	103	75-125	1	0-20	
Cadmium	ND	0.5000	0.5197	104	0.5262	105	75-125	1	0-20	
Chromium	ND	0.5000	0.5098	102	0.5176	104	75-125	2	0-20	
Cobalt	ND	0.5000	0.5358	107	0.5441	109	75-125	2	0-20	
Copper	ND	0.5000	0.5309	106	0.5374	107	75-125	1	0-20	
Lead	ND	0.5000	0.4982	100	0.5074	101	75-125	2	0-20	
Molybdenum	0.02077	0.5000	0.5355	103	0.5498	106	75-125	3	0-20	
Nickel	ND	0.5000	0.5063	101	0.5163	103	75-125	2	0-20	
Selenium	ND	0.5000	0.5189	104	0.5145	103	75-125	1	0-20	
Silver	ND	0.2500	0.2597	104	0.2590	104	75-125	0	0-20	
Thallium	ND	0.5000	0.5004	100	0.5071	101	75-125	1	0-20	
Vanadium	0.05304	0.5000	0.5661	103	0.5756	105	75-125	2	0-20	
Zinc	0.01178	0.5000	0.5634	110	0.5672	111	75-125	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 5 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2033-10	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:19**	**160706SA1**
16-06-2033-10	**Matrix Spike**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:21**	**160706SA1**
16-06-2033-10	**Matrix Spike Duplicate**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:23**	**160706SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.01000	0.009027	90	0.009054	91	75-125	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 6 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**Mercury 05**	**07/06/16**	**07/06/16 15:32**	**160706S02**
16-06-2029-1	**Matrix Spike**	**Concrete**	**Mercury 05**	**07/06/16**	**07/06/16 15:34**	**160706S02**
16-06-2029-1	**Matrix Spike Duplicate**	**Concrete**	**Mercury 05**	**07/06/16**	**07/06/16 15:36**	**160706S02**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	1.007	121	0.9381	112	75-125	7	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8081A

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2036-1	**Sample**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:16**	**160705S04**
16-06-2036-1	**Matrix Spike**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:46**	**160705S04**
16-06-2036-1	**Matrix Spike Duplicate**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:01**	**160705S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	22.96	92	21.95	88	50-135	5	0-25	
Alpha-BHC	ND	25.00	22.33	89	21.77	87	50-135	3	0-25	
Beta-BHC	ND	25.00	23.32	93	21.50	86	50-135	8	0-25	
4,4'-DDD	ND	25.00	26.29	105	25.09	100	50-135	5	0-25	
4,4'-DDE	ND	25.00	25.85	103	24.52	98	50-135	5	0-25	
4,4'-DDT	ND	25.00	25.24	101	24.05	96	50-135	5	0-25	
Delta-BHC	ND	25.00	25.22	101	23.53	94	50-135	7	0-25	
Dieldrin	ND	25.00	25.48	102	23.80	95	50-135	7	0-25	
Endosulfan I	ND	25.00	24.07	96	22.98	92	50-135	5	0-25	
Endosulfan II	ND	25.00	26.14	105	24.52	98	50-135	6	0-25	
Endosulfan Sulfate	ND	25.00	24.08	96	22.94	92	50-135	5	0-25	
Endrin	ND	25.00	29.00	116	27.75	111	50-135	4	0-25	
Endrin Aldehyde	ND	25.00	23.39	94	22.68	91	50-135	3	0-25	
Gamma-BHC	ND	25.00	23.44	94	22.65	91	50-135	3	0-25	
Heptachlor	ND	25.00	24.03	96	23.35	93	50-135	3	0-25	
Heptachlor Epoxide	ND	25.00	23.96	96	22.95	92	50-135	4	0-25	
Methoxychlor	ND	25.00	25.40	102	25.27	101	50-135	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3545
Method: EPA 8082

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-2	**Sample**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 15:37**	**160705S08**
16-06-2029-2	**Matrix Spike**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 14:07**	**160705S08**
16-06-2029-2	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 14:25**	**160705S08**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	91.50	92	77.00	77	50-135	17	0-20	
Aroclor-1260	ND	100.0	98.00	98	83.50	84	50-135	16	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-1543-12	**Sample**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 12:19**	**160629S007**
16-06-1543-12	**Matrix Spike**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 13:53**	**160629S007**
16-06-1543-12	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 14:24**	**160629S007**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	10.00	11.74	117	11.88	119	51-163	1	0-82	
Benzene	ND	10.00	10.16	102	10.15	102	77-121	0	0-21	
Bromobenzene	ND	10.00	10.35	104	10.39	104	78-120	0	0-20	
Bromochloromethane	ND	10.00	10.17	102	10.31	103	71-135	1	0-28	
Bromodichloromethane	ND	10.00	10.35	103	10.36	104	72-129	0	0-26	
Bromoform	ND	10.00	9.546	95	9.841	98	61-140	3	0-22	
Bromomethane	ND	10.00	10.66	107	10.54	105	63-140	1	0-36	
2-Butanone	ND	10.00	10.28	103	10.46	105	55-138	2	0-45	
n-Butylbenzene	ND	10.00	11.32	113	11.35	114	67-127	0	0-26	
sec-Butylbenzene	ND	10.00	11.02	110	10.94	109	66-122	1	0-26	
tert-Butylbenzene	ND	10.00	10.84	108	10.75	108	73-120	1	0-26	
Carbon Disulfide	ND	10.00	8.722	87	9.757	98	27-170	11	0-36	
Carbon Tetrachloride	ND	10.00	10.05	101	10.56	106	64-135	5	0-31	
Chlorobenzene	ND	10.00	10.11	101	10.26	103	80-120	1	0-20	
Chloroethane	ND	10.00	11.45	115	11.07	111	67-131	3	0-35	
2-Chloroethyl Vinyl Ether	ND	10.00	0.8532	9	0.5528	6	60-139	43	0-90	3
Chloroform	ND	10.00	10.57	106	10.46	105	75-126	1	0-20	
Chloromethane	ND	10.00	11.05	110	10.66	107	54-143	4	0-41	
2-Chlorotoluene	ND	10.00	10.64	106	10.59	106	64-123	0	0-34	
4-Chlorotoluene	ND	10.00	10.59	106	10.68	107	67-126	1	0-23	
Dibromochloromethane	ND	10.00	9.774	98	9.916	99	76-132	1	0-23	
1,2-Dibromo-3-Chloropropane	ND	10.00	9.577	96	9.838	98	65-125	3	0-31	
1,2-Dibromoethane	ND	10.00	9.761	98	10.03	100	74-130	3	0-22	
Dibromomethane	ND	10.00	9.911	99	9.887	99	75-127	0	0-29	
1,2-Dichlorobenzene	ND	10.00	10.36	104	10.33	103	78-120	0	0-19	
1,3-Dichlorobenzene	ND	10.00	10.42	104	10.19	102	75-120	2	0-22	
1,4-Dichlorobenzene	ND	10.00	10.04	100	10.22	102	78-120	2	0-21	
Dichlorodifluoromethane	ND	10.00	11.94	119	11.08	111	25-168	8	0-41	
1,1-Dichloroethane	ND	10.00	10.62	106	10.17	102	63-144	4	0-32	
1,2-Dichloroethane	ND	10.00	9.950	100	10.21	102	72-130	3	0-25	
1,1-Dichloroethene	ND	10.00	10.53	105	10.29	103	66-130	2	0-32	
c-1,2-Dichloroethene	ND	10.00	10.54	105	10.33	103	76-123	2	0-32	
t-1,2-Dichloroethene	ND	10.00	9.698	97	10.62	106	67-129	9	0-35	
Acetonitrile	ND	20.00	16.55	83	19.77	99	70-130	18	0-35	
1,2-Dichloropropane	ND	10.00	10.23	102	10.42	104	74-122	2	0-24	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acrolein	ND	20.00	23.33	117	22.96	115	70-130	2	0-35	
Acrylonitrile	ND	10.00	8.277	83	10.22	102	65-149	21	0-89	
1,3-Dichloropropane	ND	10.00	9.987	100	10.03	100	74-128	0	0-21	
2,2-Dichloropropane	ND	10.00	11.16	112	11.09	111	68-125	1	0-40	
Allyl Chloride	ND	10.00	8.716	87	9.516	95	70-130	9	0-35	
1,1-Dichloropropene	ND	10.00	10.25	103	10.48	105	68-119	2	0-26	
c-1,3-Dichloropropene	ND	10.00	9.948	99	9.989	100	76-126	0	0-24	
t-1,3-Dichloropropene	ND	10.00	10.02	100	10.02	100	71-127	0	0-22	
Ethylbenzene	ND	10.00	10.67	107	10.54	105	78-120	1	0-23	
2-Hexanone	ND	10.00	9.637	96	10.39	104	61-137	8	0-36	
Isopropylbenzene	ND	10.00	10.87	109	10.78	108	71-123	1	0-24	
p-Isopropyltoluene	ND	10.00	11.39	114	11.59	116	68-122	2	0-25	
Methylene Chloride	ND	10.00	9.550	96	10.46	105	71-129	9	0-30	
4-Methyl-2-Pentanone	ND	10.00	9.456	95	9.934	99	60-136	5	0-41	
Naphthalene	ND	10.00	10.35	104	10.72	107	55-159	3	0-30	
n-Propylbenzene	ND	10.00	10.87	109	10.75	107	64-125	1	0-35	
Styrene	ND	10.00	10.68	107	10.79	108	77-120	1	0-23	
Chloroprene	ND	10.00	10.93	109	10.51	105	70-130	4	0-35	
1,1,1,2-Tetrachloroethane	ND	10.00	10.35	104	10.36	104	79-123	0	0-20	
1,1,2,2-Tetrachloroethane	ND	10.00	9.976	100	10.12	101	67-132	1	0-25	
Tetrachloroethene	ND	10.00	9.576	96	9.480	95	72-119	1	0-24	
Toluene	ND	10.00	10.43	104	10.39	104	78-120	0	0-25	
1,2,3-Trichlorobenzene	ND	10.00	10.22	102	10.36	104	70-129	1	0-27	
Ethyl Methacrylate	ND	10.00	9.956	100	10.13	101	70-130	2	0-35	
1,2,4-Trichlorobenzene	ND	10.00	10.30	103	10.44	104	71-128	1	0-26	
1,1,1-Trichloroethane	ND	10.00	10.24	102	10.55	105	66-130	3	0-30	
Hexachloro-1,3-Butadiene	ND	10.00	11.67	117	11.45	115	52-128	2	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10.00	11.62	116	11.35	113	52-145	2	0-35	
1,1,2-Trichloroethane	ND	10.00	9.952	100	9.959	100	77-124	0	0-25	
Iodomethane	ND	20.00	17.58	88	18.93	95	70-130	7	0-35	
Trichloroethene	2.601	10.00	12.51	99	12.49	99	75-116	0	0-24	
Trichlorofluoromethane	ND	10.00	11.94	119	11.48	115	62-146	4	0-36	
Isobutyl Alcohol	ND	20.00	15.57	78	14.49	72	70-130	7	0-35	
1,2,3-Trichloropropane	ND	10.00	10.08	101	10.49	105	80-120	4	0-20	
1,2,4-Trimethylbenzene	ND	10.00	11.31	113	11.36	114	70-127	1	0-23	
Methacrylonitrile	ND	10.00	9.128	91	9.625	96	70-130	5	0-35	
Methyl Methacrylate	ND	10.00	9.504	95	9.867	99	70-130	4	0-35	
1,3,5-Trimethylbenzene	ND	10.00	11.20	112	11.21	112	72-124	0	0-23	
Vinyl Acetate	ND	10.00	7.621	76	9.153	92	45-164	18	0-74	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Vinyl Chloride	ND	10.00	11.76	118	11.26	113	60-141	4	0-34	
p/m-Xylene	ND	20.00	21.42	107	21.27	106	74-122	1	0-23	
o-Xylene	ND	10.00	10.75	107	10.74	107	74-122	0	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.430	94	10.28	103	57-144	9	0-31	
t-1,4-Dichloro-2-Butene	ND	10.00	9.896	99	10.24	102	70-130	3	0-35	
Tetrahydrofuran	ND	10.00	9.481	95	9.641	96	70-130	2	0-35	
Propionitrile	ND	10.00	9.682	97	10.38	104	70-130	7	0-35	
Tert-Butyl Alcohol (TBA)	ND	50.00	59.30	119	52.60	105	43-170	12	0-38	
Diisopropyl Ether (DIPE)	ND	10.00	10.77	108	9.933	99	70-130	8	0-35	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	10.06	101	9.893	99	70-130	2	0-35	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	9.197	92	9.550	95	70-130	4	0-35	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2035-1	**Sample**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 12:43**	**160630S002**
16-06-2035-1	**Matrix Spike**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 11:22**	**160630S002**
16-06-2035-1	**Matrix Spike Duplicate**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 11:49**	**160630S002**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	45.05	90	46.69	93	70-130	4	0-20	
Benzene	ND	50.00	35.96	72	39.37	79	61-127	9	0-20	
Bromobenzene	ND	50.00	40.25	80	44.61	89	70-130	10	0-20	
Bromochloromethane	ND	50.00	37.16	74	40.69	81	70-130	9	0-20	
Bromodichloromethane	ND	50.00	41.03	82	46.19	92	70-130	12	0-20	
Bromoform	ND	50.00	40.73	81	45.68	91	70-130	11	0-20	
Bromomethane	ND	50.00	44.98	90	43.81	88	70-130	3	0-20	
2-Butanone	ND	50.00	42.42	85	45.88	92	70-130	8	0-20	
n-Butylbenzene	ND	50.00	38.82	78	42.62	85	77-123	9	0-25	
sec-Butylbenzene	ND	50.00	38.98	78	42.32	85	70-130	8	0-20	
tert-Butylbenzene	ND	50.00	39.10	78	43.11	86	70-130	10	0-20	
Carbon Disulfide	ND	50.00	27.77	56	30.81	62	70-130	10	0-20	3
Carbon Tetrachloride	ND	50.00	39.84	80	44.51	89	51-135	11	0-29	
Chlorobenzene	ND	50.00	37.60	75	42.54	85	57-123	12	0-20	
Chloroethane	ND	50.00	48.52	97	45.77	92	70-130	6	0-20	
Chloroform	ND	50.00	39.77	80	43.31	87	70-130	9	0-20	
Chloromethane	ND	50.00	36.09	72	35.37	71	70-130	2	0-20	
2-Chlorotoluene	ND	50.00	39.93	80	44.03	88	70-130	10	0-20	
4-Chlorotoluene	ND	50.00	39.29	79	43.20	86	70-130	9	0-20	
Dibromochloromethane	ND	50.00	40.90	82	45.95	92	70-130	12	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	44.54	89	48.09	96	70-130	8	0-20	
1,2-Dibromoethane	ND	50.00	39.97	80	45.47	91	64-124	13	0-20	
Dibromomethane	ND	50.00	40.33	81	43.70	87	70-130	8	0-20	
1,2-Dichlorobenzene	ND	50.00	40.17	80	43.20	86	35-131	7	0-25	
1,3-Dichlorobenzene	ND	50.00	39.56	79	42.66	85	70-130	8	0-20	
1,4-Dichlorobenzene	ND	50.00	39.07	78	42.35	85	70-130	8	0-20	
Dichlorodifluoromethane	ND	50.00	31.57	63	30.23	60	70-130	4	0-20	3
1,1-Dichloroethane	ND	50.00	38.55	77	42.69	85	70-130	10	0-20	
1,2-Dichloroethane	ND	50.00	38.89	78	42.16	84	70-130	8	0-20	
1,1-Dichloroethene	ND	50.00	34.79	70	38.39	77	47-143	10	0-25	
c-1,2-Dichloroethene	ND	50.00	36.66	73	40.78	82	70-130	11	0-20	
t-1,2-Dichloroethene	ND	50.00	35.49	71	38.79	78	70-130	9	0-20	
1,2-Dichloropropane	ND	50.00	39.24	78	43.33	87	79-115	10	0-25	3
1,3-Dichloropropane	ND	50.00	39.64	79	43.42	87	70-130	9	0-20	
2,2-Dichloropropane	ND	50.00	39.13	78	43.66	87	70-130	11	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	35.90	72	38.92	78	70-130	8	0-20	
c-1,3-Dichloropropene	ND	50.00	38.85	78	42.86	86	70-130	10	0-20	
t-1,3-Dichloropropene	ND	50.00	41.20	82	46.32	93	70-130	12	0-20	
Ethylbenzene	ND	50.00	37.96	76	42.50	85	57-129	11	0-22	
2-Hexanone	ND	50.00	41.66	83	46.94	94	70-130	12	0-20	
Isopropylbenzene	ND	50.00	39.30	79	44.27	89	70-130	12	0-20	
p-Isopropyltoluene	ND	50.00	39.56	79	43.06	86	70-130	8	0-20	
Methylene Chloride	ND	50.00	37.69	75	41.82	84	70-130	10	0-20	
4-Methyl-2-Pentanone	ND	50.00	41.63	83	46.18	92	70-130	10	0-20	
Naphthalene	ND	50.00	40.92	82	45.49	91	70-130	11	0-20	
n-Propylbenzene	ND	50.00	38.55	77	43.20	86	70-130	11	0-20	
Styrene	ND	50.00	39.38	79	44.41	89	70-130	12	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	42.69	85	48.88	98	70-130	14	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	41.29	83	45.17	90	70-130	9	0-20	
Tetrachloroethene	ND	50.00	37.04	74	45.44	91	70-130	20	0-20	
Toluene	ND	50.00	36.71	73	40.53	81	63-123	10	0-20	
1,2,3-Trichlorobenzene	ND	50.00	41.04	82	44.60	89	70-130	8	0-20	
1,2,4-Trichlorobenzene	ND	50.00	40.73	81	44.26	89	70-130	8	0-20	
1,1,1-Trichloroethane	ND	50.00	39.01	78	43.55	87	70-130	11	0-20	
1,1,2-Trichloroethane	ND	50.00	39.82	80	44.36	89	70-130	11	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	36.58	73	40.85	82	70-130	11	0-20	
Trichloroethene	ND	50.00	37.57	75	41.37	83	44-158	10	0-20	
1,2,3-Trichloropropane	ND	50.00	43.76	88	48.76	98	70-130	11	0-20	
1,2,4-Trimethylbenzene	ND	50.00	38.35	77	41.88	84	70-130	9	0-20	
Trichlorofluoromethane	ND	50.00	47.14	94	44.61	89	70-130	6	0-20	
1,3,5-Trimethylbenzene	ND	50.00	39.66	79	44.39	89	70-130	11	0-20	
Vinyl Acetate	ND	50.00	33.91	68	36.83	74	70-130	8	0-20	3
Vinyl Chloride	ND	50.00	42.77	86	40.89	82	49-139	5	0-47	
p/m-Xylene	ND	100.0	76.11	76	85.38	85	70-130	11	0-20	
o-Xylene	ND	50.00	39.05	78	43.78	88	70-130	11	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	39.96	80	44.15	88	57-123	10	0-21	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 15:34**	**160702S01**
16-06-2029-1	**PDS**	**Concrete**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 15:37**	**160702S01**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	21.99	88	75-125	
Arsenic	9.119	25.00	36.10	108	75-125	
Barium	151.1	25.00	177.5	4X	75-125	Q
Beryllium	0.2746	25.00	26.81	106	75-125	
Cadmium	ND	25.00	23.90	96	75-125	
Chromium	23.99	25.00	49.40	102	75-125	
Cobalt	3.240	25.00	26.73	94	75-125	
Copper	17.64	25.00	43.28	103	75-125	
Lead	1.316	25.00	25.59	97	75-125	
Molybdenum	1.885	25.00	26.84	100	75-125	
Nickel	5.520	25.00	30.14	98	75-125	
Selenium	1.199	25.00	28.36	109	75-125	
Silver	0.3734	12.50	13.79	107	75-125	
Thallium	ND	25.00	23.80	95	75-125	
Vanadium	18.77	25.00	44.17	102	75-125	
Zinc	40.54	25.00	64.98	98	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**PDS**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:04**	**160630SA2**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	0.5000	0.5056	101	75-125	
Arsenic	ND	0.5000	0.5028	101	75-125	
Barium	0.02259	0.5000	0.5211	100	75-125	
Beryllium	ND	0.5000	0.4994	100	75-125	
Cadmium	ND	0.5000	0.5080	102	75-125	
Chromium	ND	0.5000	0.4975	99	75-125	
Cobalt	ND	0.5000	0.5163	103	75-125	
Copper	ND	0.5000	0.5165	103	75-125	
Lead	ND	0.5000	0.4830	97	75-125	
Molybdenum	0.02077	0.5000	0.5206	100	75-125	
Nickel	ND	0.5000	0.4890	98	75-125	
Selenium	ND	0.5000	0.4911	98	75-125	
Silver	ND	0.2500	0.2516	101	75-125	
Thallium	ND	0.5000	0.4828	97	75-125	
Vanadium	0.05304	0.5000	0.5554	100	75-125	
Zinc	0.01178	0.5000	0.5512	108	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2033-10	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:19**	**160706SA1**
16-06-2033-10	**PDS**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:50**	**160706SA1**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.01000	0.008861	89	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**Mercury 05**	**07/06/16 00:00**	**07/06/16 15:32**	**160706S02**
16-06-2029-1	**PDS**	**Concrete**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 11:39**	**160706S02**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.8350	0.8524	102	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	N/A
		Method:	ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
BB-17-01	**Sample**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 19:00**	**G0629MOID4**
BB-17-01	**Sample Duplicate**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 19:00**	**G0629MOID4**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	3.500	3.400	3	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8310
Project: UTAS - Due Diligence / 43559			Page 1 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-07-002-1879	**LCS**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:34**	**160702L06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	100.0	111.0	111	17-203	0-234	
Acenaphthylene	100.0	74.49	74	50-120	38-132	
Acenaphthene	100.0	67.86	68	41-120	28-133	
Fluorene	100.0	68.67	69	51-120	40-132	
Phenanthrene	100.0	72.34	72	56-120	45-131	
Anthracene	100.0	68.27	68	49-120	37-132	
Fluoranthene	100.0	76.06	76	60-120	50-130	
Pyrene	100.0	84.09	84	61-121	51-131	
Benzo (a) Anthracene	100.0	82.09	82	61-121	51-131	
Chrysene	100.0	79.59	80	61-121	51-131	
Benzo (b) Fluoranthene	100.0	78.09	78	61-121	51-131	
Benzo (k) Fluoranthene	100.0	73.51	74	57-129	45-141	
Benzo (a) Pyrene	100.0	75.84	76	43-120	30-133	
Dibenz (a,h) Anthracene	100.0	76.90	77	59-125	48-136	
Benzo (g,h,i) Perylene	100.0	83.03	83	57-123	46-134	
Indeno (1,2,3-c,d) Pyrene	100.0	79.05	79	64-130	53-141	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2144	**LCS**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:03**	**160630B05**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	307.6	77	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 3 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22889	**LCS**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:22**	**160702L01U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	24.74	99	80-120	73-127	
Arsenic	25.00	24.49	98	80-120	73-127	
Barium	25.00	26.41	106	80-120	73-127	
Beryllium	25.00	24.22	97	80-120	73-127	
Cadmium	25.00	25.25	101	80-120	73-127	
Chromium	25.00	25.70	103	80-120	73-127	
Cobalt	25.00	26.45	106	80-120	73-127	
Copper	25.00	25.58	102	80-120	73-127	
Lead	25.00	26.36	105	80-120	73-127	
Molybdenum	25.00	24.94	100	80-120	73-127	
Nickel	25.00	26.86	107	80-120	73-127	
Selenium	25.00	23.47	94	80-120	73-127	
Silver	12.50	12.44	100	80-120	73-127	
Thallium	25.00	26.17	105	80-120	73-127	
Vanadium	25.00	24.31	97	80-120	73-127	
Zinc	25.00	26.06	104	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 4 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-460-98	**LCS**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:29**	**160630LA2U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	0.5000	0.4709	94	80-120	73-127	
Arsenic	0.5000	0.4486	90	80-120	73-127	
Barium	0.5000	0.4910	98	80-120	73-127	
Beryllium	0.5000	0.4458	89	80-120	73-127	
Cadmium	0.5000	0.4796	96	80-120	73-127	
Chromium	0.5000	0.4805	96	80-120	73-127	
Cobalt	0.5000	0.5087	102	80-120	73-127	
Copper	0.5000	0.4784	96	80-120	73-127	
Lead	0.5000	0.4913	98	80-120	73-127	
Molybdenum	0.5000	0.4732	95	80-120	73-127	
Nickel	0.5000	0.4797	96	80-120	73-127	
Selenium	0.5000	0.4394	88	80-120	73-127	
Silver	0.2500	0.2368	95	80-120	73-127	
Thallium	0.5000	0.4896	98	80-120	73-127	
Vanadium	0.5000	0.4589	92	80-120	73-127	
Zinc	0.5000	0.4847	97	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 5 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-456-3	**LCS**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:16**	**160706LA1F**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.01000	0.01003	100	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 6 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-44	**LCS**	**Solid**	**Mercury 05**	**07/06/16**	**07/06/16 15:29**	**160706L02**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.9333	112	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8081A
Project: UTAS - Due Diligence / 43559			Page 7 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-2463	**LCS**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 13:31**	**160705L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	21.00	84	50-135	36-149	
Alpha-BHC	25.00	20.87	83	50-135	36-149	
Beta-BHC	25.00	21.05	84	50-135	36-149	
4,4'-DDD	25.00	26.47	106	50-135	36-149	
4,4'-DDE	25.00	23.99	96	50-135	36-149	
4,4'-DDT	25.00	26.34	105	50-135	36-149	
Delta-BHC	25.00	23.55	94	50-135	36-149	
Dieldrin	25.00	23.98	96	50-135	36-149	
Endosulfan I	25.00	22.01	88	50-135	36-149	
Endosulfan II	25.00	27.68	111	50-135	36-149	
Endosulfan Sulfate	25.00	27.28	109	50-135	36-149	
Endrin	25.00	26.76	107	50-135	36-149	
Endrin Aldehyde	25.00	25.67	103	50-135	36-149	
Gamma-BHC	25.00	21.41	86	50-135	36-149	
Heptachlor	25.00	22.91	92	50-135	36-149	
Heptachlor Epoxide	25.00	22.78	91	50-135	36-149	
Methoxychlor	25.00	30.50	122	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8082
Project: UTAS - Due Diligence / 43559			Page 8 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-3813	**LCS**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 13:49**	**160705L08**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	99.00	99	50-135	
Aroclor-1260	100.0	91.00	91	50-135	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2031
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 9 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-446-105	**LCS**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 09:49**	**160629L007**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	10.00	7.899	79	51-163	32-182	
Benzene	10.00	9.933	99	77-121	70-128	
Bromobenzene	10.00	9.753	98	78-120	71-127	
Bromochloromethane	10.00	9.752	98	71-135	60-146	
Bromodichloromethane	10.00	10.10	101	72-129	62-138	
Bromoform	10.00	10.16	102	61-140	48-153	
Bromomethane	10.00	9.643	96	63-140	50-153	
2-Butanone	10.00	8.586	86	55-138	41-152	
n-Butylbenzene	10.00	10.75	108	67-127	57-137	
sec-Butylbenzene	10.00	10.70	107	66-122	57-131	
tert-Butylbenzene	10.00	10.48	105	73-120	65-128	
Carbon Disulfide	10.00	10.27	103	27-170	3-194	
Carbon Tetrachloride	10.00	10.68	107	64-135	52-147	
Chlorobenzene	10.00	9.780	98	80-120	73-127	
Chloroethane	10.00	9.801	98	67-131	56-142	
2-Chloroethyl Vinyl Ether	10.00	8.017	80	60-139	47-152	
Chloroform	10.00	9.652	97	75-126	66-134	
Chloromethane	10.00	8.904	89	54-143	39-158	
2-Chlorotoluene	10.00	10.10	101	64-123	54-133	
4-Chlorotoluene	10.00	10.18	102	67-126	57-136	
Dibromochloromethane	10.00	9.944	99	76-132	67-141	
1,2-Dibromo-3-Chloropropane	10.00	8.819	88	65-125	55-135	
1,2-Dibromoethane	10.00	9.358	94	74-130	65-139	
Dibromomethane	10.00	9.141	91	75-127	66-136	
1,2-Dichlorobenzene	10.00	9.775	98	78-120	71-127	
1,3-Dichlorobenzene	10.00	9.981	100	75-120	68-128	
1,4-Dichlorobenzene	10.00	9.745	97	78-120	71-127	
Dichlorodifluoromethane	10.00	10.26	103	25-168	1-192	
1,1-Dichloroethane	10.00	10.17	102	63-144	50-158	
1,2-Dichloroethane	10.00	9.141	91	72-130	62-140	
1,1-Dichloroethene	10.00	9.924	99	66-130	55-141	
c-1,2-Dichloroethene	10.00	10.03	100	76-123	68-131	
t-1,2-Dichloroethene	10.00	10.50	105	67-129	57-139	
Acetonitrile	20.00	20.18	101	70-130	60-140	
1,2-Dichloropropane	10.00	9.933	99	74-122	66-130	
Acrolein	20.00	19.97	100	70-130	60-140	
Acrylonitrile	10.00	8.527	85	65-149	51-163	
1,3-Dichloropropane	10.00	9.231	92	74-128	65-137	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2031
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 10 of 13

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
2,2-Dichloropropane	10.00	11.34	113	68-125	58-134	
Allyl Chloride	10.00	10.15	101	70-130	60-140	
1,1-Dichloropropene	10.00	10.06	101	68-119	60-128	
c-1,3-Dichloropropene	10.00	10.15	102	76-126	68-134	
t-1,3-Dichloropropene	10.00	10.06	101	71-127	62-136	
Ethylbenzene	10.00	10.25	102	78-120	71-127	
2-Hexanone	10.00	8.384	84	61-137	48-150	
Isopropylbenzene	10.00	10.36	104	71-123	62-132	
p-Isopropyltoluene	10.00	10.90	109	68-122	59-131	
Methylene Chloride	10.00	9.785	98	71-129	61-139	
4-Methyl-2-Pentanone	10.00	8.251	83	60-136	47-149	
Naphthalene	10.00	8.975	90	55-159	38-176	
n-Propylbenzene	10.00	10.34	103	64-125	54-135	
Styrene	10.00	10.01	100	77-120	70-127	
Chloroprene	10.00	10.65	106	70-130	60-140	
1,1,1,2-Tetrachloroethane	10.00	10.74	107	79-123	72-130	
1,1,2,2-Tetrachloroethane	10.00	8.972	90	67-132	56-143	
Tetrachloroethene	10.00	9.873	99	72-119	64-127	
Toluene	10.00	10.11	101	78-120	71-127	
1,2,3-Trichlorobenzene	10.00	9.135	91	70-129	60-139	
Ethyl Methacrylate	10.00	8.650	86	70-130	60-140	
1,2,4-Trichlorobenzene	10.00	9.776	98	71-128	62-138	
1,1,1-Trichloroethane	10.00	9.944	99	66-130	55-141	
Hexachloro-1,3-Butadiene	10.00	11.21	112	52-128	39-141	
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.00	11.23	112	52-145	36-160	
1,1,2-Trichloroethane	10.00	9.087	91	77-124	69-132	
Iodomethane	20.00	21.56	108	70-130	60-140	
Trichloroethene	10.00	10.11	101	75-116	68-123	
Trichlorofluoromethane	10.00	10.30	103	62-146	48-160	
Isobutyl Alcohol	20.00	11.98	60	70-130	60-140	ME
1,2,3-Trichloropropane	10.00	9.192	92	80-120	73-127	
1,2,4-Trimethylbenzene	10.00	10.32	103	70-127	60-136	
Methacrylonitrile	10.00	8.606	86	70-130	60-140	
Methyl Methacrylate	10.00	8.555	86	70-130	60-140	
1,3,5-Trimethylbenzene	10.00	10.42	104	72-124	63-133	
Vinyl Acetate	10.00	8.130	81	45-164	25-184	
Vinyl Chloride	10.00	9.833	98	60-141	46-154	
p/m-Xylene	20.00	20.53	103	74-122	66-130	
o-Xylene	10.00	10.20	102	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)	10.00	9.055	91	57-144	42-158	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2031
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 11 of 13

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
t-1,4-Dichloro-2-Butene	10.00	9.473	95	70-130	60-140	
Tetrahydrofuran	10.00	8.469	85	70-130	60-140	
Propionitrile	10.00	8.426	84	70-130	60-140	
Tert-Butyl Alcohol (TBA)	50.00	52.59	105	43-170	22-191	
Diisopropyl Ether (DIPE)	10.00	10.05	101	70-130	60-140	
Ethyl-t-Butyl Ether (ETBE)	10.00	9.513	95	70-130	60-140	
Tert-Amyl-Methyl Ether (TAME)	10.00	8.821	88	70-130	60-140	

Total number of LCS compounds: 85
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2031
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-571	**LCS**	**Solid**	**GC/MS BB**	**06/30/16**	**06/30/16 08:59**	**160630L003**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	49.99	100	70-130	60-140	
Benzene	50.00	40.86	82	78-120	71-127	
Bromobenzene	50.00	46.07	92	70-130	60-140	
Bromochloromethane	50.00	40.82	82	70-130	60-140	
Bromodichloromethane	50.00	46.67	93	70-130	60-140	
Bromoform	50.00	45.87	92	70-130	60-140	
Bromomethane	50.00	46.08	92	70-130	60-140	
2-Butanone	50.00	46.18	92	70-130	60-140	
n-Butylbenzene	50.00	45.88	92	77-123	69-131	
sec-Butylbenzene	50.00	44.85	90	70-130	60-140	
tert-Butylbenzene	50.00	45.52	91	70-130	60-140	
Carbon Disulfide	50.00	33.65	67	70-130	60-140	ME
Carbon Tetrachloride	50.00	46.51	93	49-139	34-154	
Chlorobenzene	50.00	43.96	88	79-120	72-127	
Chloroethane	50.00	49.50	99	70-130	60-140	
Chloroform	50.00	44.63	89	70-130	60-140	
Chloromethane	50.00	37.72	75	70-130	60-140	
2-Chlorotoluene	50.00	46.15	92	70-130	60-140	
4-Chlorotoluene	50.00	44.49	89	70-130	60-140	
Dibromochloromethane	50.00	47.17	94	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	50.26	101	70-130	60-140	
1,2-Dibromoethane	50.00	45.45	91	70-130	60-140	
Dibromomethane	50.00	43.88	88	70-130	60-140	
1,2-Dichlorobenzene	50.00	45.16	90	75-120	68-128	
1,3-Dichlorobenzene	50.00	44.55	89	70-130	60-140	
1,4-Dichlorobenzene	50.00	44.01	88	70-130	60-140	
Dichlorodifluoromethane	50.00	32.37	65	70-130	60-140	ME
1,1-Dichloroethane	50.00	43.61	87	70-130	60-140	
1,2-Dichloroethane	50.00	42.57	85	70-130	60-140	
1,1-Dichloroethene	50.00	40.12	80	74-122	66-130	
c-1,2-Dichloroethene	50.00	42.17	84	70-130	60-140	
t-1,2-Dichloroethene	50.00	40.25	80	70-130	60-140	
1,2-Dichloropropane	50.00	44.03	88	79-115	73-121	
1,3-Dichloropropane	50.00	44.35	89	70-130	60-140	
2,2-Dichloropropane	50.00	46.31	93	70-130	60-140	
1,1-Dichloropropene	50.00	40.79	82	70-130	60-140	
c-1,3-Dichloropropene	50.00	44.26	89	70-130	60-140	
t-1,3-Dichloropropene	50.00	47.67	95	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2031
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 13 of 13

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	44.52	89	76-120	69-127	
2-Hexanone	50.00	47.98	96	70-130	60-140	
Isopropylbenzene	50.00	46.09	92	70-130	60-140	
p-Isopropyltoluene	50.00	45.40	91	70-130	60-140	
Methylene Chloride	50.00	42.75	86	70-130	60-140	
4-Methyl-2-Pentanone	50.00	45.69	91	70-130	60-140	
Naphthalene	50.00	48.00	96	70-130	60-140	
n-Propylbenzene	50.00	45.30	91	70-130	60-140	
Styrene	50.00	45.99	92	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	49.65	99	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	44.79	90	70-130	60-140	
Tetrachloroethene	50.00	41.54	83	70-130	60-140	
Toluene	50.00	41.67	83	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	47.68	95	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	48.04	96	70-130	60-140	
1,1,1-Trichloroethane	50.00	45.82	92	70-130	60-140	
1,1,2-Trichloroethane	50.00	45.20	90	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	41.62	83	70-130	60-140	
Trichloroethene	50.00	42.16	84	70-130	60-140	
1,2,3-Trichloropropane	50.00	48.08	96	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	43.93	88	70-130	60-140	
Trichlorofluoromethane	50.00	46.82	94	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	46.41	93	70-130	60-140	
Vinyl Acetate	50.00	40.30	81	70-130	60-140	
Vinyl Chloride	50.00	43.77	88	68-122	59-131	
p/m-Xylene	100.0	88.61	89	70-130	60-140	
o-Xylene	50.00	45.29	91	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	44.55	89	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 2
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-2031 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 6010B	EPA 3005A Filt.	935	ICP 7300	1
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7470A	EPA 7470A Filt.	868	Mercury 04	1
EPA 7471A	EPA 7471A Total	868	Mercury 05	1
EPA 8015B (M)	EPA 3550B	972	GC 49	1
EPA 8081A	EPA 3545	669	GC 44	1
EPA 8082	EPA 3545	944	GC 58	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B	EPA 5030C	867	GC/MS BB	2
EPA 8310	EPA 3545	960	HPLC 5	1

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Glossary of Terms and Qualifiers

Work Order: 16-06-2031 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 1

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200
San Diego, CA 92108

TEL: 619-285-7141 | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due ~~Diligence~~ Diligence / 43559

PROJECT CONTACT: Robert K. Scott

SAMPLER(S): (SIGNATURE) Tyree Burns

P.O. NO.:

LAB LOGON: 16-06-2031

COELT LOG CODE

COOLER RECEIPT Temp = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS: UTC Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs	OCPs	Hold				CONTAINER TYPE
1		BB-17-01	6/28/16	0952	Soil	1	X	X	X	X			X					
2		BB-17-04		0954	Soil	1	X	X	X	X								
3		BB-17-10		0956	Soil	1	X	X	X	X				X				Hold Sample
4		BB-17-GW		1010	Water	6	X	X										
5		BB-18-01		1036	Soil	1	X	X	X	X		X						
6		BB-18-04		1038	Soil	1	X	X	X	X								
7		BB-18-10		1040	Soil	1	X	X	X	X				X				Hold Sample
8		BB-19-01		1221	Soil	1	X	X	X	X			X					
9		BB-19-03		1223	Soil	1	X	X	X	X								
10		BB-19-10		1225	Soil	1	X	X	X	X				X				Hold sample

		Date	Time
Relinquished by: (Signature)	Received by: (Signature) ECI	6/28/16	1545
Relinquished by: (Signature)	Received by: (Signature) ECI	062816	1900
Relinquished by: (Signature)	Received by: (Signature)		

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WORK ORDER NUMBER: 16-06- 2031

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 06 / 28 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 671

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 671

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1053

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☑ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☑	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOA**h** (5) ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☑ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (17) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1053

Reviewed by: 659/659

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WORK ORDER NUMBER: 16-06- 2031

SAMPLE ANOMALY REPORT

DATE: 06 / 28 / 2016

SAMPLES, CONTAINERS, AND LABELS:

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☐ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

Comments

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**
4	A-E	5			

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

Reported by: 1053

Reviewed by: 689

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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Supplemental Report 1

The original report has been revised/corrected.

WORK ORDER NUMBER: 16-06-2032

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 08/26/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Narrative

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/28/16. They were assigned to Work Order 16-06-2032.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

For sample #7, BB-14-01 - the EPA 7471A results were released with error. Due to a data entry error, the prep factor on this sample was incorrectly entered in our database. The oversight has been corrected and the data is included in the attached analytical report.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-06-2032

EPA Method 6010B Total Metals:

Project Required Detection Limit (PRDL):

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Chromium, Antimony, Selenium, and Zinc on 07/05/16.

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Copper, Molybdenum, Selenium and Zinc on 07/13/16.

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 6010B	
Batch #	Analytes(s)
160702S02	Antimony[3] and Barium[3]
160709S04	Antimony[3], Barium[3], Thallium[3] and Zinc[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

EPA Method 7471A Mercury:

For sample #7, BB-14-01 - the EPA 7471A results were released with error. Due to a data entry error, the prep factor on this sample was incorrectly entered in our database. The oversight has been corrected and the data is included in the supplemental report.

EPA Method 8260B Volatile Organics:

Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160629S033	2-Butanone[3], n-Butylbenzene[3], tert-Butylbenzene[3], Carbon Disulfide[3], Chloroethane[4], Chloromethane[3], 4-Chlorotoluene[3], 1,2-Dibromo-3-Chloropropane[3,4], Dibromomethane[3,4], 1,3-Dichlorobenzene[3], 1,4-Dichlorobenzene[3], Dichlorodifluoromethane[3], 2,2-Dichloropropane[3,4], c-1,3-Dichloropropene[3,4], t-1,3-Dichloropropene[3,4], p-isopropyltoluene[3], Naphthalene[3], 1,1,2,2-Tetrachloroethane[3,4], 1,2,3-Trichlorobenzene[3], 1,2,4-Trichlorobenzene[3], Vinyl Acetate[3,4] and Methyl-t-Butyl Ether (MTBE)[4]
160707S001	n-Butylbenzene[3], Carbon Disulfide[3], Chloromethane[3], 1,3-Dichlorobenzene[3], 1,4-Dichlorobenzene[3], Dichlorodifluoromethane[3], 2-Hexanone[4], 4-Methyl-2-Pentanone[4], Naphthalene[3], n-Propylbenzene[3], 1,2,3-Trichlorobenzene[3], 1,2,4-Trichlorobenzene[3], Vinyl Acetate[3,4]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

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Table C: Laboratory Control Sample (LCS) / LCS Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160629L062	Carbon Disulfide[ME], Chloromethane[ME], Dichlorodifluoromethane and Vinyl Acetate[ME]
160707L001	Dichlorodifluoromethane[ME]

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

EPA Method 8310 Polynuclear Aromatic Hydrocarbons:

Table D: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8310	
Batch #	Analytes(s)
160702S06	Benzo (a) Anthracene[3,4], Dibenz (a,h) Anthracene[3] and Indeno (1,2,3-c,d) Pyrene[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

4: The MS/MSD RPD was out of control due to suspected matrix interference.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2032
		Project Name:	UTAS - Due Diligence / 43559
		PO Number:	
		Date/Time Received:	06/28/16 19:00
		Number of Containers:	10
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-16-01	16-06-2032-1	06/28/16 08:27	1	Solid
BB-16-03	16-06-2032-2	06/28/16 08:29	1	Solid
BB-16-10	16-06-2032-3	06/28/16 08:30	1	Solid
BB-15-01	16-06-2032-4	06/28/16 08:48	1	Solid
BB-15-03	16-06-2032-5	06/28/16 08:50	1	Solid
BB-15-10	16-06-2032-6	06/28/16 08:52	1	Solid
BB-14-01	16-06-2032-7	06/28/16 09:10	1	Solid
BB-14-05	16-06-2032-8	06/28/16 09:09	1	Solid
BB-14-10	16-06-2032-9	06/28/16 09:14	1	Solid
BB-14-03	16-06-2032-10	06/28/16 09:12	1	Solid

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2032
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 1 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-16-01 (16-06-2032-1)						
Moisture	6.6		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	3.85		0.773	mg/kg	EPA 6010B	EPA 3050B
Barium	94.5		0.515	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.366		0.258	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.513	J	0.140*	mg/kg	EPA 6010B	EPA 3050B
Chromium	17.3		0.258	mg/kg	EPA 6010B	EPA 3050B
Cobalt	8.75		0.258	mg/kg	EPA 6010B	EPA 3050B
Copper	13.9		0.515	mg/kg	EPA 6010B	EPA 3050B
Lead	13.9		0.515	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.269		0.258	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.26		0.258	mg/kg	EPA 6010B	EPA 3050B
Selenium	2.12		0.773	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.769	J	0.156*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	47.3		0.258	mg/kg	EPA 6010B	EPA 3050B
Zinc	51.1	B	1.03	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0152	J	0.00578*	mg/kg	EPA 7471A	EPA 7471A Total
C29-C32	22	J	6.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	29		25	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	28		25	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	79		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Aroclor-1260	33	J	30*	ug/kg	EPA 8082	EPA 3545
Phenanthrene	12		9.9	ug/kg	EPA 8310	EPA 3545
Fluoranthene	20		9.9	ug/kg	EPA 8310	EPA 3545
Pyrene	39		9.9	ug/kg	EPA 8310	EPA 3545
Benzo (a) Anthracene	6.3	J	2.4*	ug/kg	EPA 8310	EPA 3545
Chrysene	8.4	J	2.0*	ug/kg	EPA 8310	EPA 3545
Benzo (b) Fluoranthene	16		9.9	ug/kg	EPA 8310	EPA 3545
Benzo (k) Fluoranthene	7.8	J	1.7*	ug/kg	EPA 8310	EPA 3545
Benzo (a) Pyrene	12		9.9	ug/kg	EPA 8310	EPA 3545
Dibenz (a,h) Anthracene	54		9.9	ug/kg	EPA 8310	EPA 3545
Benzo (g,h,i) Perylene	26		9.9	ug/kg	EPA 8310	EPA 3545
Indeno (1,2,3-c,d) Pyrene	100		9.9	ug/kg	EPA 8310	EPA 3545

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* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2032
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 2 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-16-03 (16-06-2032-2)						
Moisture	7.5		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.95		0.765	mg/kg	EPA 6010B	EPA 3050B
Barium	62.3		0.510	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.323		0.255	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.415	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Chromium	15.0		0.255	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.65		0.255	mg/kg	EPA 6010B	EPA 3050B
Copper	12.0		0.510	mg/kg	EPA 6010B	EPA 3050B
Lead	6.82		0.510	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.80		0.255	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.425	J	0.155*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	48.0		0.255	mg/kg	EPA 6010B	EPA 3050B
Zinc	28.5	B	1.02	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0174	J	0.00568*	mg/kg	EPA 7471A	EPA 7471A Total

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* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2032
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 3 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-15-01 (16-06-2032-4)						
Moisture	2.9		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	3.07		0.758	mg/kg	EPA 6010B	EPA 3050B
Barium	62.1		0.505	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.250	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	1.03		0.505	mg/kg	EPA 6010B	EPA 3050B
Chromium	11.4		0.253	mg/kg	EPA 6010B	EPA 3050B
Cobalt	6.04		0.253	mg/kg	EPA 6010B	EPA 3050B
Copper	9.20		0.505	mg/kg	EPA 6010B	EPA 3050B
Lead	11.1		0.505	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.351		0.253	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.96		0.253	mg/kg	EPA 6010B	EPA 3050B
Vanadium	29.1		0.253	mg/kg	EPA 6010B	EPA 3050B
Zinc	39.2		1.01	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0153	J	0.00578*	mg/kg	EPA 7471A	EPA 7471A Total
C9-C10	3.4	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C11-C12	1.5	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C19-C20	1.4	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C21-C22	3.3	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	4.4	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	26		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	34		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	41		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	24		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	140		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
4,4'-DDT	2.7	J	2.2*	ug/kg	EPA 8081A	EPA 3545
Aroclor-1254	94		50	ug/kg	EPA 8082	EPA 3545
Methylene Chloride	1.9	J	1.4*	ug/kg	EPA 8260B	EPA 5030C
p/m-Xylene	0.45	J	0.27*	ug/kg	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2032
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 4 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-15-03 (16-06-2032-5)						
Moisture	5.0		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	3.44		0.728	mg/kg	EPA 6010B	EPA 3050B
Barium	66.2		0.485	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.280		0.243	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.734		0.485	mg/kg	EPA 6010B	EPA 3050B
Chromium	14.9		0.243	mg/kg	EPA 6010B	EPA 3050B
Cobalt	7.51		0.243	mg/kg	EPA 6010B	EPA 3050B
Copper	27.9		0.485	mg/kg	EPA 6010B	EPA 3050B
Lead	21.3		0.485	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.201	J	0.128*	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.20		0.243	mg/kg	EPA 6010B	EPA 3050B
Vanadium	40.4		0.243	mg/kg	EPA 6010B	EPA 3050B
Zinc	61.3	B	0.971	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0440	J	0.00578*	mg/kg	EPA 7471A	EPA 7471A Total
C29-C32	3.3	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	3.3	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B

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Detections Summary

Client: Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Work Order: 16-06-2032
Project Name: UTAS - Due Diligence / 43559
Received: 06/28/16

Attn: Robert K. Scott

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-14-01 (16-06-2032-7)						
Moisture	4.2		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	4.73		0.773	mg/kg	EPA 6010B	EPA 3050B
Barium	80.6		0.515	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.258	J	0.141*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.438	J	0.140*	mg/kg	EPA 6010B	EPA 3050B
Chromium	16.6		0.258	mg/kg	EPA 6010B	EPA 3050B
Cobalt	3.84		0.258	mg/kg	EPA 6010B	EPA 3050B
Copper	8.82		0.515	mg/kg	EPA 6010B	EPA 3050B
Lead	13.5		0.515	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.580		0.258	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.75		0.258	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.503	J	0.156*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	29.0		0.258	mg/kg	EPA 6010B	EPA 3050B
Zinc	39.5	B	1.03	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0221	J	0.00578*	mg/kg	EPA 7471A	EPA 7471A Total
C29-C32	38		25	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	38		25	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	33		25	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	12	J	6.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	120		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Aroclor-1254	160		50	ug/kg	EPA 8082	EPA 3545
Aroclor-1260	110		50	ug/kg	EPA 8082	EPA 3545
Acetone	15	J	6.1*	ug/kg	EPA 8260B	EPA 5030C
p/m-Xylene	0.82	J	0.26*	ug/kg	EPA 8260B	EPA 5030C
Phenanthrene	11		10	ug/kg	EPA 8310	EPA 3545
Fluoranthene	17		10	ug/kg	EPA 8310	EPA 3545
Pyrene	18		10	ug/kg	EPA 8310	EPA 3545
Benzo (a) Anthracene	5.8	J	2.5*	ug/kg	EPA 8310	EPA 3545
Chrysene	13		10	ug/kg	EPA 8310	EPA 3545
Benzo (b) Fluoranthene	31		10	ug/kg	EPA 8310	EPA 3545
Benzo (k) Fluoranthene	12		10	ug/kg	EPA 8310	EPA 3545
Benzo (a) Pyrene	23		10	ug/kg	EPA 8310	EPA 3545
Dibenz (a,h) Anthracene	47		10	ug/kg	EPA 8310	EPA 3545
Benzo (g,h,i) Perylene	23		10	ug/kg	EPA 8310	EPA 3545
Indeno (1,2,3-c,d) Pyrene	83		10	ug/kg	EPA 8310	EPA 3545

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2032
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 6 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-14-05 (16-06-2032-8)						
Moisture	6.5		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	3.11		0.725	mg/kg	EPA 6010B	EPA 3050B
Barium	68.2		0.483	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.315		0.242	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.449	J	0.131*	mg/kg	EPA 6010B	EPA 3050B
Chromium	16.9		0.242	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.21		0.242	mg/kg	EPA 6010B	EPA 3050B
Copper	18.7		0.483	mg/kg	EPA 6010B	EPA 3050B
Lead	10.7		0.483	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.136	J	0.128*	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.64		0.242	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.334	J	0.289*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	48.8		0.242	mg/kg	EPA 6010B	EPA 3050B
Zinc	39.1	B	0.966	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0300	J	0.00587*	mg/kg	EPA 7471A	EPA 7471A Total

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Subcontracted analyses, if any, are not included in this summary.

* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-01	**16-06-2032-1-AA**	**06/28/16 08:27**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 06:35**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.1	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	9.9	1.7	1.00	
Phenanthrene	12	9.9	2.1	1.00	
Anthracene	ND	9.9	2.0	1.00	
Fluoranthene	20	9.9	2.1	1.00	
Pyrene	39	9.9	2.9	1.00	
Benzo (a) Anthracene	6.3	9.9	2.4	1.00	J
Chrysene	8.4	9.9	2.0	1.00	J
Benzo (b) Fluoranthene	16	9.9	2.1	1.00	
Benzo (k) Fluoranthene	7.8	9.9	1.7	1.00	J
Benzo (a) Pyrene	12	9.9	2.0	1.00	
Dibenz (a,h) Anthracene	54	9.9	2.9	1.00	
Benzo (g,h,i) Perylene	26	9.9	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	100	9.9	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	68	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-01	**16-06-2032-7-AA**	**06/28/16 09:10**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 07:08**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	11	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	17	10	2.1	1.00	
Pyrene	18	10	2.9	1.00	
Benzo (a) Anthracene	5.8	10	2.5	1.00	J
Chrysene	13	10	2.1	1.00	
Benzo (b) Fluoranthene	31	10	2.1	1.00	
Benzo (k) Fluoranthene	12	10	1.7	1.00	
Benzo (a) Pyrene	23	10	2.0	1.00	
Dibenz (a,h) Anthracene	47	10	2.9	1.00	
Benzo (g,h,i) Perylene	23	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	83	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	82	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1879**	**N/A**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:02**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	61	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-01	**16-06-2032-1-AA**	**06/28/16 08:27**	**Solid**	**N/A**	**06/29/16**	**06/29/16 21:30**	**G0629MOIB5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	6.6	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-03	**16-06-2032-2-AA**	**06/28/16 08:29**	**Solid**	**N/A**	**06/29/16**	**06/29/16 21:30**	**G0629MOIB5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	7.5	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-01	**16-06-2032-4-AA**	**06/28/16 08:48**	**Solid**	**N/A**	**06/29/16**	**06/29/16 21:30**	**G0629MOIB5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	2.9	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-03	**16-06-2032-5-AA**	**06/28/16 08:50**	**Solid**	**N/A**	**06/29/16**	**06/29/16 21:30**	**G0629MOIB5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	5.0	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-01	**16-06-2032-7-AA**	**06/28/16 09:10**	**Solid**	**N/A**	**06/29/16**	**06/29/16 21:30**	**G0629MOIB5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	4.2	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-05	**16-06-2032-8-AA**	**06/28/16 09:09**	**Solid**	**N/A**	**06/29/16**	**06/29/16 21:30**	**G0629MOIB5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	6.5	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6082**	**N/A**	**Solid**	**N/A**	**06/29/16**	**06/29/16 21:30**	**G0629MOIB5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-01	**16-06-2032-1-AA**	**06/28/16 08:27**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 20:47**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	25	6.3	5.00	
C7	ND	25	6.3	5.00	
C8	ND	25	6.3	5.00	
C9-C10	ND	25	6.3	5.00	
C11-C12	ND	25	6.3	5.00	
C13-C14	ND	25	6.3	5.00	
C15-C16	ND	25	6.3	5.00	
C17-C18	ND	25	6.3	5.00	
C19-C20	ND	25	6.3	5.00	
C21-C22	ND	25	6.3	5.00	
C23-C24	ND	25	6.3	5.00	
C25-C28	ND	25	6.3	5.00	
C29-C32	22	25	6.3	5.00	J
C33-C36	29	25	6.3	5.00	
C37-C40	28	25	6.3	5.00	
C41-C44	ND	25	6.3	5.00	
C6-C44 Total	79	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	71	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-03	**16-06-2032-2-AA**	**06/28/16 08:29**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:56**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	ND	4.9	1.2	1.00	
C23-C24	ND	4.9	1.2	1.00	
C25-C28	ND	4.9	1.2	1.00	
C29-C32	ND	4.9	1.2	1.00	
C33-C36	ND	4.9	1.2	1.00	
C37-C40	ND	4.9	1.2	1.00	
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	88	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-01	**16-06-2032-4-AA**	**06/28/16 08:48**	**Solid**	**GC 45**	**07/08/16**	**07/11/16 12:36**	**160708B11A**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	3.4	5.0	1.2	1.00	J
C11-C12	1.5	5.0	1.2	1.00	J
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	1.4	5.0	1.2	1.00	J
C21-C22	3.3	5.0	1.2	1.00	J
C23-C24	ND	5.0	1.2	1.00	
C25-C28	4.4	5.0	1.2	1.00	J
C29-C32	26	5.0	1.2	1.00	
C33-C36	34	5.0	1.2	1.00	
C37-C40	41	5.0	1.2	1.00	
C41-C44	24	5.0	1.2	1.00	
C6-C44 Total	140	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	99	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-03	**16-06-2032-5-AA**	**06/28/16 08:50**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 17:13**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	3.3	5.0	1.3	1.00	J
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	3.3	5.0	1.3	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	91	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-01	**16-06-2032-7-AA**	**06/28/16 09:10**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 21:05**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	25	6.3	5.00	
C7	ND	25	6.3	5.00	
C8	ND	25	6.3	5.00	
C9-C10	ND	25	6.3	5.00	
C11-C12	ND	25	6.3	5.00	
C13-C14	ND	25	6.3	5.00	
C15-C16	ND	25	6.3	5.00	
C17-C18	ND	25	6.3	5.00	
C19-C20	ND	25	6.3	5.00	
C21-C22	ND	25	6.3	5.00	
C23-C24	ND	25	6.3	5.00	
C25-C28	ND	25	6.3	5.00	
C29-C32	38	25	6.3	5.00	
C33-C36	38	25	6.3	5.00	
C37-C40	33	25	6.3	5.00	
C41-C44	12	25	6.3	5.00	J
C6-C44 Total	120	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	63	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-05	**16-06-2032-8-AA**	**06/28/16 09:09**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 17:31**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	89	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: UTAS - Due Diligence / 43559			Page 7 of 8

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2144**	**N/A**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 15:45**	**160630B05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2156**	**N/A**	**Solid**	**GC 45**	**07/08/16**	**07/08/16 20:16**	**160708B11A**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	78	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-01	**16-06-2032-1-AA**	**06/28/16 08:27**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:00**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.773	0.154	1.03	
Arsenic	3.85	0.773	0.267	1.03	
Barium	94.5	0.515	0.159	1.03	
Beryllium	0.366	0.258	0.141	1.03	
Cadmium	0.513	0.515	0.140	1.03	J
Chromium	17.3	0.258	0.147	1.03	
Cobalt	8.75	0.258	0.153	1.03	
Copper	13.9	0.515	0.139	1.03	
Lead	13.9	0.515	0.136	1.03	
Molybdenum	0.269	0.258	0.136	1.03	
Nickel	8.26	0.258	0.149	1.03	
Selenium	2.12	0.773	0.309	1.03	
Silver	ND	0.258	0.0884	1.03	
Thallium	0.769	0.773	0.156	1.03	J
Vanadium	47.3	0.258	0.146	1.03	
Zinc	51.1	1.03	0.183	1.03	B

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-03	**16-06-2032-2-AA**	**06/28/16 08:29**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:01**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	1.95	0.765	0.264	1.02	
Barium	62.3	0.510	0.158	1.02	
Beryllium	0.323	0.255	0.140	1.02	
Cadmium	0.415	0.510	0.138	1.02	J
Chromium	15.0	0.255	0.145	1.02	
Cobalt	9.65	0.255	0.151	1.02	
Copper	12.0	0.510	0.137	1.02	
Lead	6.82	0.510	0.134	1.02	
Molybdenum	ND	0.255	0.135	1.02	
Nickel	6.80	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	ND	0.255	0.0875	1.02	
Thallium	0.425	0.765	0.155	1.02	J
Vanadium	48.0	0.255	0.144	1.02	
Zinc	28.5	1.02	0.181	1.02	B

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-01	**16-06-2032-4-AA**	**06/28/16 08:48**	**Solid**	**ICP 7300**	**07/09/16**	**07/13/16 19:57**	**160709L04U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.758	0.150	1.01	
Arsenic	3.07	0.758	0.262	1.01	
Barium	62.1	0.505	0.156	1.01	
Beryllium	0.250	0.253	0.138	1.01	J
Cadmium	1.03	0.505	0.137	1.01	
Chromium	11.4	0.253	0.144	1.01	
Cobalt	6.04	0.253	0.150	1.01	
Copper	9.20	0.505	0.136	1.01	
Lead	11.1	0.505	0.133	1.01	
Molybdenum	0.351	0.253	0.133	1.01	
Nickel	6.96	0.253	0.146	1.01	
Selenium	ND	0.758	0.303	1.01	
Silver	ND	0.253	0.0866	1.01	
Thallium	ND	0.758	0.153	1.01	
Vanadium	29.1	0.253	0.143	1.01	
Zinc	39.2	1.01	0.179	1.01	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-03	**16-06-2032-5-AA**	**06/28/16 08:50**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:56**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.728	0.145	0.971	
Arsenic	3.44	0.728	0.252	0.971	
Barium	66.2	0.485	0.150	0.971	
Beryllium	0.280	0.243	0.133	0.971	
Cadmium	0.734	0.485	0.131	0.971	
Chromium	14.9	0.243	0.138	0.971	
Cobalt	7.51	0.243	0.144	0.971	
Copper	27.9	0.485	0.131	0.971	
Lead	21.3	0.485	0.128	0.971	
Molybdenum	0.201	0.243	0.128	0.971	J
Nickel	8.20	0.243	0.141	0.971	
Selenium	ND	0.728	0.291	0.971	
Silver	ND	0.243	0.0832	0.971	
Thallium	ND	0.728	0.147	0.971	
Vanadium	40.4	0.243	0.137	0.971	
Zinc	61.3	0.971	0.172	0.971	B

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-01	**16-06-2032-7-AA**	**06/28/16 09:10**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:02**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.773	0.154	1.03	
Arsenic	4.73	0.773	0.267	1.03	
Barium	80.6	0.515	0.159	1.03	
Beryllium	0.258	0.258	0.141	1.03	J
Cadmium	0.438	0.515	0.140	1.03	J
Chromium	16.6	0.258	0.147	1.03	
Cobalt	3.84	0.258	0.153	1.03	
Copper	8.82	0.515	0.139	1.03	
Lead	13.5	0.515	0.136	1.03	
Molybdenum	0.580	0.258	0.136	1.03	
Nickel	7.75	0.258	0.149	1.03	
Selenium	ND	0.773	0.309	1.03	
Silver	ND	0.258	0.0884	1.03	
Thallium	0.503	0.773	0.156	1.03	J
Vanadium	29.0	0.258	0.146	1.03	
Zinc	39.5	1.03	0.183	1.03	B

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-05	**16-06-2032-8-AA**	**06/28/16 09:09**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:03**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.725	0.144	0.966	
Arsenic	3.11	0.725	0.250	0.966	
Barium	68.2	0.483	0.149	0.966	
Beryllium	0.315	0.242	0.132	0.966	
Cadmium	0.449	0.483	0.131	0.966	J
Chromium	16.9	0.242	0.137	0.966	
Cobalt	9.21	0.242	0.143	0.966	
Copper	18.7	0.483	0.130	0.966	
Lead	10.7	0.483	0.127	0.966	
Molybdenum	0.136	0.242	0.128	0.966	J
Nickel	7.64	0.242	0.140	0.966	
Selenium	0.334	0.725	0.289	0.966	J
Silver	ND	0.242	0.0828	0.966	
Thallium	ND	0.725	0.147	0.966	
Vanadium	48.8	0.242	0.136	0.966	
Zinc	39.1	0.966	0.172	0.966	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22886**	**N/A**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:23**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	ND	0.765	0.264	1.02	
Barium	ND	0.510	0.158	1.02	
Beryllium	ND	0.255	0.140	1.02	
Cadmium	ND	0.510	0.138	1.02	
Chromium	ND	0.255	0.145	1.02	
Cobalt	ND	0.255	0.151	1.02	
Copper	ND	0.510	0.137	1.02	
Lead	ND	0.510	0.134	1.02	
Molybdenum	ND	0.255	0.135	1.02	
Nickel	ND	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	ND	0.255	0.0875	1.02	
Thallium	ND	0.765	0.155	1.02	
Vanadium	ND	0.255	0.144	1.02	
Zinc	1.16	1.02	0.181	1.02	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22917**	**N/A**	**Solid**	**ICP 7300**	**07/09/16**	**07/13/16 19:53**	**160709L04U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.514	0.750	0.149	1.00	J
Arsenic	ND	0.750	0.259	1.00	
Barium	ND	0.500	0.154	1.00	
Beryllium	ND	0.250	0.137	1.00	
Cadmium	ND	0.500	0.135	1.00	
Chromium	ND	0.250	0.142	1.00	
Cobalt	ND	0.250	0.148	1.00	
Copper	ND	0.500	0.135	1.00	
Lead	ND	0.500	0.132	1.00	
Molybdenum	ND	0.250	0.132	1.00	
Nickel	ND	0.250	0.145	1.00	
Selenium	ND	0.750	0.300	1.00	
Silver	ND	0.250	0.0857	1.00	
Thallium	ND	0.750	0.152	1.00	
Vanadium	ND	0.250	0.141	1.00	
Zinc	ND	1.00	0.178	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-01	**16-06-2032-1-AA**	**06/28/16 08:27**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:00**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0152	0.0820	0.00578	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-03	**16-06-2032-2-AA**	**06/28/16 08:29**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:02**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0174	0.0806	0.00568	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-01	**16-06-2032-4-AA**	**06/28/16 08:48**	**Solid**	**Mercury 05**	**07/12/16**	**07/12/16 14:14**	**160712L03**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0153	0.0820	0.00578	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-03	**16-06-2032-5-AA**	**06/28/16 08:50**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:54**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0440	0.0820	0.00578	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-01	**16-06-2032-7-AA**	**06/28/16 09:10**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:05**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- Please see Work Order Narrative, additional comments section.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0221	0.0820	0.00578	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-05	**16-06-2032-8-AA**	**06/28/16 09:09**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:07**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0300	0.0833	0.00587	1.00	J

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-45**	**N/A**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:44**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0820	0.00578	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-49**	**N/A**	**Solid**	**Mercury 05**	**07/12/16**	**07/12/16 14:09**	**160712L03**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0833	0.00587	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-01	**16-06-2032-4-AA**	**06/28/16 08:48**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 13:16**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	2.7	5.0	2.2	1.00	J
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.3	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.3	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	103	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-2463**	**N/A**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:03**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	97	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-01	**16-06-2032-1-AA**	**06/28/16 08:27**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 16:19**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	33	50	30	1.00	J
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	116	24-168	
2,4,5,6-Tetrachloro-m-Xylene	91	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-03	**16-06-2032-2-AA**	**06/28/16 08:29**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 16:55**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	31	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	34	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	113	24-168	
2,4,5,6-Tetrachloro-m-Xylene	74	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-01	**16-06-2032-4-AA**	**06/28/16 08:48**	**Solid**	**GC 58**	**07/08/16**	**07/08/16 21:42**	**160708L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	94	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	110	24-168	
2,4,5,6-Tetrachloro-m-Xylene	79	25-145	

BB-15-03	**16-06-2032-5-AA**	**06/28/16 08:50**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 17:49**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	121	24-168	
2,4,5,6-Tetrachloro-m-Xylene	82	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-01	**16-06-2032-7-AA**	**06/28/16 09:10**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 18:06**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	160	50	31	1.00	
Aroclor-1260	110	50	30	1.00	
Aroclor-1262	ND	50	34	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	114	24-168	
2,4,5,6-Tetrachloro-m-Xylene	94	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-05	**16-06-2032-8-AA**	**06/28/16 09:09**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 18:24**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	117	24-168	
2,4,5,6-Tetrachloro-m-Xylene	73	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-3815**	**N/A**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 11:13**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	117	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-3816**	**N/A**	**Solid**	**GC 58**	**07/08/16**	**07/08/16 19:54**	**160708L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	121	24-168	
2,4,5,6-Tetrachloro-m-Xylene	84	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-01	**16-06-2032-1-A**	**06/28/16 08:27**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 05:08**	**160629L062**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.16	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.65	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.52	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	99	63-141	
1,2-Dichloroethane-d4	110	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-16-03	**16-06-2032-2-A**	**06/28/16 08:29**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 05:35**	**160629L062**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.30	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.34	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.54	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.34	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.58	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	99	63-141	
1,2-Dichloroethane-d4	105	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-01	**16-06-2032-4-A**	**06/28/16 08:48**	**Solid**	**GC/MS Q**	**07/06/16**	**07/07/16 11:12**	**160707L001**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	26	9.6	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	1.9	51	1.4	1.00	J
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	0.45	5.1	0.27	1.00	J
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	90	63-141	
1,2-Dichloroethane-d4	98	62-146	
Toluene-d8	95	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-15-03	**16-06-2032-5-A**	**06/28/16 08:50**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 06:02**	**160629L062**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	99	63-141	
1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-01	**16-06-2032-7-A**	**06/28/16 09:10**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 06:29**	**160629L062**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	15	120	6.1	1.00	J
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.28	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	0.82	4.9	0.26	1.00	J
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	101	63-141	
1,2-Dichloroethane-d4	108	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-14-05	**16-06-2032-8-A**	**06/28/16 09:09**	**Solid**	**GC/MS BB**	**06/29/16**	**06/30/16 06:56**	**160629L062**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.32	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.62	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.56	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.60	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-573**	**N/A**	**Solid**	**GC/MS BB**	**06/29/16**	**06/29/16 21:52**	**160629L062**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	98	63-141	
1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-580**	**N/A**	**Solid**	**GC/MS Q**	**07/07/16**	**07/07/16 10:16**	**160707L001**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	101	60-132	
Dibromofluoromethane	102	63-141	
1,2-Dichloroethane-d4	105	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8310

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-31	**Sample**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 12:01**	**160702S06**
16-06-2175-31	**Matrix Spike**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:06**	**160702S06**
16-06-2175-31	**Matrix Spike Duplicate**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:38**	**160702S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	100.0	91.88	92	84.31	84	23-167	9	0-46	
Acenaphthylene	ND	100.0	85.70	86	76.37	76	24-120	12	0-47	
Acenaphthene	ND	100.0	80.70	81	71.95	72	16-120	11	0-46	
Fluorene	ND	100.0	72.76	73	67.08	67	32-120	8	0-44	
Phenanthrene	ND	100.0	70.62	71	65.40	65	34-120	8	0-38	
Anthracene	ND	100.0	69.44	69	64.42	64	27-120	8	0-45	
Fluoranthene	ND	100.0	60.43	60	56.64	57	32-122	6	0-41	
Pyrene	ND	100.0	56.63	57	50.54	51	31-127	11	0-38	
Benzo (a) Anthracene	ND	100.0	21.01	21	8.489	8	32-122	85	0-43	3,4
Chrysene	ND	100.0	67.53	68	63.16	63	30-132	7	0-42	
Benzo (b) Fluoranthene	15.17	100.0	98.38	83	65.26	50	33-120	40	0-44	
Benzo (k) Fluoranthene	31.49	100.0	60.33	29	67.32	36	23-149	11	0-44	
Benzo (a) Pyrene	15.48	100.0	112.6	97	97.57	82	12-132	14	0-48	
Dibenz (a,h) Anthracene	188.1	100.0	268.1	80	183.3	0	29-125	38	0-43	3
Benzo (g,h,i) Perylene	18.28	100.0	95.51	77	64.44	46	24-132	39	0-42	
Indeno (1,2,3-c,d) Pyrene	332.6	100.0	322.3	0	237.9	0	29-143	30	0-42	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-07-0284-26	**Sample**	**Solid**	**GC 45**	**07/08/16**	**07/08/16 21:21**	**160708S11**
16-07-0284-26	**Matrix Spike**	**Solid**	**GC 45**	**07/08/16**	**07/08/16 20:49**	**160708S11**
16-07-0284-26	**Matrix Spike Duplicate**	**Solid**	**GC 45**	**07/08/16**	**07/08/16 21:05**	**160708S11**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	214.5	400.0	664.0	112	628.5	103	64-130	5	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 3 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-14-05	**Sample**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 17:31**	**160630S05**
BB-14-05	**Matrix Spike**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:21**	**160630S05**
BB-14-05	**Matrix Spike Duplicate**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:38**	**160630S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	ND	400.0	313.7	78	331.1	83	64-130	5	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-15-03	**Sample**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:56**	**160702S02**
BB-15-03	**Matrix Spike**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:57**	**160702S02**
BB-15-03	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**07/02/16**	**07/07/16 10:35**	**160702S02**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	7.628	31	6.657	27	50-115	14	0-20	3
Arsenic	3.444	25.00	29.73	105	28.25	99	75-125	5	0-20	
Barium	66.21	25.00	101.3	140	97.14	124	75-125	4	0-20	3
Beryllium	0.2804	25.00	27.28	108	25.62	101	75-125	6	0-20	
Cadmium	0.7340	25.00	26.77	104	25.24	98	75-125	6	0-20	
Chromium	14.93	25.00	41.05	104	39.12	97	75-125	5	0-20	
Cobalt	7.509	25.00	34.05	106	33.13	102	75-125	3	0-20	
Copper	27.94	25.00	50.03	88	47.48	78	75-125	5	0-20	
Lead	21.34	25.00	47.69	105	45.37	96	75-125	5	0-20	
Molybdenum	ND	25.00	23.53	94	22.36	89	75-125	5	0-20	
Nickel	8.202	25.00	35.76	110	34.02	103	75-125	5	0-20	
Selenium	ND	25.00	24.33	97	23.97	96	75-125	1	0-20	
Silver	ND	12.50	13.56	109	12.73	102	75-125	6	0-20	
Thallium	ND	25.00	25.89	104	24.75	99	75-125	4	0-20	
Vanadium	40.39	25.00	64.17	95	61.21	83	75-125	5	0-20	
Zinc	61.34	25.00	89.72	114	85.31	96	75-125	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-15-01	**Sample**	**Solid**	**ICP 7300**	**07/09/16**	**07/13/16 19:57**	**160709S04**
BB-15-01	**Matrix Spike**	**Solid**	**ICP 7300**	**07/09/16**	**07/13/16 19:58**	**160709S04**
BB-15-01	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**07/09/16**	**07/13/16 19:59**	**160709S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	7.348	29	7.877	32	50-115	7	0-20	3
Arsenic	3.066	25.00	30.08	108	27.61	98	75-125	9	0-20	
Barium	62.15	25.00	102.2	160	93.44	125	75-125	9	0-20	3
Beryllium	ND	25.00	26.57	106	25.89	104	75-125	3	0-20	
Cadmium	1.032	25.00	27.05	104	26.06	100	75-125	4	0-20	
Chromium	11.44	25.00	40.81	117	35.83	98	75-125	13	0-20	
Cobalt	6.037	25.00	33.36	109	31.72	103	75-125	5	0-20	
Copper	9.203	25.00	38.61	118	34.40	101	75-125	12	0-20	
Lead	11.11	25.00	39.45	113	36.24	101	75-125	8	0-20	
Molybdenum	0.3508	25.00	23.31	92	22.73	90	75-125	3	0-20	
Nickel	6.964	25.00	35.08	112	32.48	102	75-125	8	0-20	
Selenium	ND	25.00	24.87	99	24.39	98	75-125	2	0-20	
Silver	ND	12.50	13.26	106	13.31	106	75-125	0	0-20	
Thallium	ND	25.00	18.86	75	17.56	70	75-125	7	0-20	3
Vanadium	29.14	25.00	59.94	123	52.46	93	75-125	13	0-20	
Zinc	39.18	25.00	75.97	147	67.66	114	75-125	12	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2032
San Diego, CA 92108-1350	Preparation:	EPA 7471A Total
	Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559		Page 6 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-15-03	**Sample**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:54**	**160706S04**
BB-15-03	**Matrix Spike**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:56**	**160706S04**
BB-15-03	**Matrix Spike Duplicate**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:58**	**160706S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8211	98	0.7988	96	75-125	3	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 7 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-15-01	**Sample**	**Solid**	**Mercury 05**	**07/12/16**	**07/12/16 14:14**	**160712S03**
BB-15-01	**Matrix Spike**	**Solid**	**Mercury 05**	**07/12/16**	**07/12/16 14:16**	**160712S03**
BB-15-01	**Matrix Spike Duplicate**	**Solid**	**Mercury 05**	**07/12/16**	**07/12/16 14:18**	**160712S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8500	102	0.9252	111	75-125	8	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8081A

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2036-1	**Sample**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:16**	**160705S04**
16-06-2036-1	**Matrix Spike**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:46**	**160705S04**
16-06-2036-1	**Matrix Spike Duplicate**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:01**	**160705S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	22.96	92	21.95	88	50-135	5	0-25	
Alpha-BHC	ND	25.00	22.33	89	21.77	87	50-135	3	0-25	
Beta-BHC	ND	25.00	23.32	93	21.50	86	50-135	8	0-25	
4,4'-DDD	ND	25.00	26.29	105	25.09	100	50-135	5	0-25	
4,4'-DDE	ND	25.00	25.85	103	24.52	98	50-135	5	0-25	
4,4'-DDT	ND	25.00	25.24	101	24.05	96	50-135	5	0-25	
Delta-BHC	ND	25.00	25.22	101	23.53	94	50-135	7	0-25	
Dieldrin	ND	25.00	25.48	102	23.80	95	50-135	7	0-25	
Endosulfan I	ND	25.00	24.07	96	22.98	92	50-135	5	0-25	
Endosulfan II	ND	25.00	26.14	105	24.52	98	50-135	6	0-25	
Endosulfan Sulfate	ND	25.00	24.08	96	22.94	92	50-135	5	0-25	
Endrin	ND	25.00	29.00	116	27.75	111	50-135	4	0-25	
Endrin Aldehyde	ND	25.00	23.39	94	22.68	91	50-135	3	0-25	
Gamma-BHC	ND	25.00	23.44	94	22.65	91	50-135	3	0-25	
Heptachlor	ND	25.00	24.03	96	23.35	93	50-135	3	0-25	
Heptachlor Epoxide	ND	25.00	23.96	96	22.95	92	50-135	4	0-25	
Methoxychlor	ND	25.00	25.40	102	25.27	101	50-135	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2032
San Diego, CA 92108-1350	Preparation:	EPA 3545
	Method:	EPA 8082
Project: UTAS - Due Diligence / 43559		Page 9 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2035-5	**Sample**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 13:19**	**160705S05**
16-06-2035-5	**Matrix Spike**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 11:49**	**160705S05**
16-06-2035-5	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 12:07**	**160705S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	88.50	88	87.50	88	50-135	1	0-20	
Aroclor-1260	ND	100.0	108.0	108	107.5	108	50-135	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3545
Method: EPA 8082

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-07-0366-1	**Sample**	**Solid**	**GC 58**	**07/08/16**	**07/08/16 22:00**	**160708S04**
16-07-0366-1	**Matrix Spike**	**Solid**	**GC 58**	**07/08/16**	**07/08/16 21:06**	**160708S04**
16-07-0366-1	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**07/08/16**	**07/08/16 21:24**	**160708S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	116.5	116	100.0	100	50-135	15	0-20	
Aroclor-1260	ND	100.0	99.00	99	100.5	100	50-135	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-15-01	**Sample**	**Solid**	**GC/MS Q**	**07/06/16**	**07/07/16 11:12**	**160707S001**
BB-15-01	**Matrix Spike**	**Solid**	**GC/MS Q**	**07/06/16**	**07/07/16 11:40**	**160707S001**
BB-15-01	**Matrix Spike Duplicate**	**Solid**	**GC/MS Q**	**07/06/16**	**07/07/16 12:07**	**160707S001**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	54.53	109	63.54	127	70-130	15	0-20	
Benzene	ND	50.00	39.23	78	41.48	83	61-127	6	0-20	
Bromobenzene	ND	50.00	37.43	75	37.06	74	70-130	1	0-20	
Bromochloromethane	ND	50.00	38.56	77	44.42	89	70-130	14	0-20	
Bromodichloromethane	ND	50.00	41.83	84	44.63	89	70-130	6	0-20	
Bromoform	ND	50.00	44.91	90	40.36	81	70-130	11	0-20	
Bromomethane	ND	50.00	38.38	77	42.68	85	70-130	11	0-20	
2-Butanone	ND	50.00	48.40	97	43.01	86	70-130	12	0-20	
n-Butylbenzene	ND	50.00	33.73	67	32.27	65	77-123	4	0-25	3
sec-Butylbenzene	ND	50.00	36.23	72	34.82	70	70-130	4	0-20	
tert-Butylbenzene	ND	50.00	38.35	77	36.38	73	70-130	5	0-20	
Carbon Disulfide	ND	50.00	31.95	64	38.58	77	70-130	19	0-20	3
Carbon Tetrachloride	ND	50.00	36.83	74	43.08	86	51-135	16	0-29	
Chlorobenzene	ND	50.00	37.89	76	38.14	76	57-123	1	0-20	
Chloroethane	ND	50.00	37.36	75	43.53	87	70-130	15	0-20	
Chloroform	ND	50.00	37.28	75	43.37	87	70-130	15	0-20	
Chloromethane	ND	50.00	33.44	67	39.09	78	70-130	16	0-20	3
2-Chlorotoluene	ND	50.00	35.99	72	35.44	71	70-130	2	0-20	
4-Chlorotoluene	ND	50.00	38.74	77	35.59	71	70-130	8	0-20	
Dibromochloromethane	ND	50.00	41.06	82	41.62	83	70-130	1	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	46.81	94	38.26	77	70-130	20	0-20	
1,2-Dibromoethane	ND	50.00	44.32	89	43.08	86	64-124	3	0-20	
Dibromomethane	ND	50.00	41.73	83	44.21	88	70-130	6	0-20	
1,2-Dichlorobenzene	ND	50.00	35.71	71	32.29	65	35-131	10	0-25	
1,3-Dichlorobenzene	ND	50.00	35.89	72	32.66	65	70-130	9	0-20	3
1,4-Dichlorobenzene	ND	50.00	35.20	70	32.04	64	70-130	9	0-20	3
Dichlorodifluoromethane	ND	50.00	28.64	57	33.19	66	70-130	15	0-20	3
1,1-Dichloroethane	ND	50.00	37.14	74	43.52	87	70-130	16	0-20	
1,2-Dichloroethane	ND	50.00	41.86	84	44.14	88	70-130	5	0-20	
1,1-Dichloroethene	ND	50.00	35.69	71	43.31	87	47-143	19	0-25	
c-1,2-Dichloroethene	ND	50.00	36.93	74	42.15	84	70-130	13	0-20	
t-1,2-Dichloroethene	ND	50.00	36.68	73	42.71	85	70-130	15	0-20	
1,2-Dichloropropane	ND	50.00	40.94	82	43.30	87	79-115	6	0-25	
1,3-Dichloropropane	ND	50.00	41.96	84	42.46	85	70-130	1	0-20	
2,2-Dichloropropane	ND	50.00	38.66	77	45.85	92	70-130	17	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	38.17	76	43.11	86	70-130	12	0-20	
c-1,3-Dichloropropene	ND	50.00	43.34	87	44.12	88	70-130	2	0-20	
t-1,3-Dichloropropene	ND	50.00	45.34	91	45.79	92	70-130	1	0-20	
Ethylbenzene	ND	50.00	38.58	77	39.01	78	57-129	1	0-22	
2-Hexanone	ND	50.00	51.31	103	40.75	81	70-130	23	0-20	4
Isopropylbenzene	ND	50.00	37.55	75	37.28	75	70-130	1	0-20	
p-Isopropyltoluene	ND	50.00	36.54	73	35.06	70	70-130	4	0-20	
Methylene Chloride	ND	50.00	37.85	76	44.05	88	70-130	15	0-20	
4-Methyl-2-Pentanone	ND	50.00	54.90	110	41.98	84	70-130	27	0-20	4
Naphthalene	ND	50.00	29.91	60	25.74	51	70-130	15	0-20	3
n-Propylbenzene	ND	50.00	35.42	71	35.67	71	70-130	1	0-20	
Styrene	ND	50.00	38.96	78	38.13	76	70-130	2	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	43.15	86	43.21	86	70-130	0	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	47.42	95	39.34	79	70-130	19	0-20	
Tetrachloroethene	ND	50.00	40.58	81	44.74	89	70-130	10	0-20	
Toluene	ND	50.00	40.93	82	42.17	84	63-123	3	0-20	
1,2,3-Trichlorobenzene	ND	50.00	24.30	49	20.19	40	70-130	18	0-20	3
1,2,4-Trichlorobenzene	ND	50.00	27.59	55	22.67	45	70-130	20	0-20	3
1,1,1-Trichloroethane	ND	50.00	37.84	76	44.38	89	70-130	16	0-20	
1,1,2-Trichloroethane	ND	50.00	42.35	85	42.63	85	70-130	1	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	36.92	74	42.92	86	70-130	15	0-20	
Trichloroethene	ND	50.00	41.43	83	43.40	87	44-158	5	0-20	
1,2,3-Trichloropropane	ND	50.00	45.19	90	40.45	81	70-130	11	0-20	
1,2,4-Trimethylbenzene	ND	50.00	37.92	76	35.14	70	70-130	8	0-20	
Trichlorofluoromethane	ND	50.00	38.79	78	45.78	92	70-130	17	0-20	
1,3,5-Trimethylbenzene	ND	50.00	36.05	72	35.82	72	70-130	1	0-20	
Vinyl Acetate	ND	50.00	12.88	26	0	0	70-130	200	0-20	3,4
Vinyl Chloride	ND	50.00	37.68	75	45.07	90	49-139	18	0-47	
p/m-Xylene	ND	100.0	76.58	77	76.82	77	70-130	0	0-20	
o-Xylene	ND	50.00	39.58	79	39.33	79	70-130	1	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	43.99	88	43.98	88	57-123	0	0-21	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 13 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-1933-1	**Sample**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 22:47**	**160629S033**
16-06-1933-1	**Matrix Spike**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 23:14**	**160629S033**
16-06-1933-1	**Matrix Spike Duplicate**	**Solid**	**GC/MS BB**	**06/28/16**	**06/29/16 23:41**	**160629S033**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	63.01	126	59.80	120	70-130	5	0-20	
Benzene	ND	50.00	38.28	77	38.60	77	61-127	1	0-20	
Bromobenzene	ND	50.00	36.41	73	37.53	75	70-130	3	0-20	
Bromochloromethane	ND	50.00	35.40	71	39.36	79	70-130	11	0-20	
Bromodichloromethane	ND	50.00	39.18	78	42.40	85	70-130	8	0-20	
Bromoform	ND	50.00	35.19	70	39.55	79	70-130	12	0-20	
Bromomethane	ND	50.00	49.47	99	41.91	84	70-130	17	0-20	
2-Butanone	ND	50.00	30.96	62	34.56	69	70-130	11	0-20	3
n-Butylbenzene	ND	50.00	31.32	63	32.19	64	77-123	3	0-25	3
sec-Butylbenzene	ND	50.00	35.23	70	35.73	71	70-130	1	0-20	
tert-Butylbenzene	ND	50.00	34.21	68	34.71	69	70-130	1	0-20	3
Carbon Disulfide	ND	50.00	30.55	61	31.97	64	70-130	5	0-20	3
Carbon Tetrachloride	ND	50.00	36.27	73	43.13	86	51-135	17	0-29	
Chlorobenzene	ND	50.00	37.19	74	38.15	76	57-123	3	0-20	
Chloroethane	ND	50.00	55.84	112	43.00	86	70-130	26	0-20	4
Chloroform	ND	50.00	40.39	81	40.90	82	70-130	1	0-20	
Chloromethane	ND	50.00	38.60	77	32.86	66	70-130	16	0-20	3
2-Chlorotoluene	ND	50.00	35.94	72	37.16	74	70-130	3	0-20	
4-Chlorotoluene	ND	50.00	34.37	69	35.50	71	70-130	3	0-20	3
Dibromochloromethane	ND	50.00	36.99	74	40.81	82	70-130	10	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	28.78	58	38.76	78	70-130	30	0-20	3,4
1,2-Dibromoethane	ND	50.00	38.15	76	40.37	81	64-124	6	0-20	
Dibromomethane	ND	50.00	32.97	66	40.63	81	70-130	21	0-20	3,4
1,2-Dichlorobenzene	ND	50.00	31.86	64	32.88	66	35-131	3	0-25	
1,3-Dichlorobenzene	ND	50.00	31.66	63	32.77	66	70-130	3	0-20	3
1,4-Dichlorobenzene	ND	50.00	30.80	62	31.93	64	70-130	4	0-20	3
Dichlorodifluoromethane	ND	50.00	29.66	59	29.88	60	70-130	1	0-20	3
1,1-Dichloroethane	ND	50.00	38.98	78	41.16	82	70-130	5	0-20	
1,2-Dichloroethane	ND	50.00	37.27	75	38.71	77	70-130	4	0-20	
1,1-Dichloroethene	ND	50.00	41.99	84	39.41	79	47-143	6	0-25	
c-1,2-Dichloroethene	ND	50.00	38.58	77	40.01	80	70-130	4	0-20	
t-1,2-Dichloroethene	ND	50.00	38.43	77	39.92	80	70-130	4	0-20	
1,2-Dichloropropane	ND	50.00	40.52	81	41.52	83	79-115	2	0-25	
1,3-Dichloropropane	ND	50.00	37.40	75	40.13	80	70-130	7	0-20	
2,2-Dichloropropane	ND	50.00	1.979	4	37.49	75	70-130	180	0-20	3,4

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	38.82	78	39.38	79	70-130	1	0-20	
c-1,3-Dichloropropene	ND	50.00	28.64	57	38.46	77	70-130	29	0-20	3,4
t-1,3-Dichloropropene	ND	50.00	23.64	47	39.63	79	70-130	51	0-20	3,4
Ethylbenzene	ND	50.00	38.22	76	39.23	78	57-129	3	0-22	
2-Hexanone	ND	50.00	37.86	76	40.12	80	70-130	6	0-20	
Isopropylbenzene	ND	50.00	38.20	76	39.55	79	70-130	3	0-20	
p-Isopropyltoluene	ND	50.00	34.52	69	34.55	69	70-130	0	0-20	3
Methylene Chloride	ND	50.00	39.72	79	38.84	78	70-130	2	0-20	
4-Methyl-2-Pentanone	ND	50.00	40.02	80	41.37	83	70-130	3	0-20	
Naphthalene	ND	50.00	25.57	51	30.30	61	70-130	17	0-20	3
n-Propylbenzene	ND	50.00	35.70	71	36.49	73	70-130	2	0-20	
Styrene	ND	50.00	36.32	73	38.45	77	70-130	6	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	41.39	83	43.72	87	70-130	5	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	26.06	52	32.71	65	70-130	23	0-20	3,4
Tetrachloroethene	ND	50.00	57.77	116	59.16	118	70-130	2	0-20	
Toluene	ND	50.00	37.64	75	38.97	78	63-123	3	0-20	
1,2,3-Trichlorobenzene	ND	50.00	23.21	46	25.40	51	70-130	9	0-20	3
1,2,4-Trichlorobenzene	ND	50.00	23.33	47	25.32	51	70-130	8	0-20	3
1,1,1-Trichloroethane	ND	50.00	38.92	78	42.52	85	70-130	9	0-20	
1,1,2-Trichloroethane	ND	50.00	39.08	78	40.01	80	70-130	2	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	40.54	81	41.06	82	70-130	1	0-20	
Trichloroethene	ND	50.00	48.07	96	44.84	90	44-158	7	0-20	
1,2,3-Trichloropropane	ND	50.00	32.05	64	39.91	80	70-130	22	0-20	3,4
1,2,4-Trimethylbenzene	ND	50.00	34.07	68	34.55	69	70-130	1	0-20	3
Trichlorofluoromethane	ND	50.00	44.14	88	40.82	82	70-130	8	0-20	
1,3,5-Trimethylbenzene	ND	50.00	36.00	72	36.90	74	70-130	2	0-20	
Vinyl Acetate	ND	50.00	0	0	4.623	9	70-130	200	0-20	3,4
Vinyl Chloride	ND	50.00	41.29	83	39.39	79	49-139	5	0-47	
p/m-Xylene	ND	100.0	74.74	75	76.24	76	70-130	2	0-20	
o-Xylene	ND	50.00	38.28	77	39.44	79	70-130	3	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	30.54	61	41.84	84	57-123	31	0-21	4

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
BB-15-03	**Sample**	**Solid**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 13:56**	**160702S02**
BB-15-03	**PDS**	**Solid**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 13:59**	**160702S02**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	24.59	98	75-125	
Arsenic	3.444	25.00	28.03	98	75-125	
Barium	66.21	25.00	91.42	101	75-125	
Beryllium	0.2804	25.00	24.77	98	75-125	
Cadmium	0.7340	25.00	24.74	96	75-125	
Chromium	14.93	25.00	39.28	97	75-125	
Cobalt	7.509	25.00	31.83	97	75-125	
Copper	27.94	25.00	53.27	101	75-125	
Lead	21.34	25.00	46.60	101	75-125	
Molybdenum	ND	25.00	24.25	97	75-125	
Nickel	8.202	25.00	33.41	101	75-125	
Selenium	ND	25.00	24.71	99	75-125	
Silver	ND	12.50	12.41	99	75-125	
Thallium	ND	25.00	24.08	96	75-125	
Vanadium	40.39	25.00	64.68	97	75-125	
Zinc	61.34	25.00	85.83	98	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
BB-15-01	**Sample**	**Solid**	**ICP 7300**	**07/09/16 00:00**	**07/13/16 19:57**	**160709S04**
BB-15-01	**PDS**	**Solid**	**ICP 7300**	**07/09/16 00:00**	**07/13/16 20:00**	**160709S04**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	24.76	99	75-125	
Arsenic	3.066	25.00	27.61	98	75-125	
Barium	62.15	25.00	86.15	96	75-125	
Beryllium	ND	25.00	24.60	98	75-125	
Cadmium	1.032	25.00	24.71	95	75-125	
Chromium	11.44	25.00	35.45	96	75-125	
Cobalt	6.037	25.00	30.11	96	75-125	
Copper	9.203	25.00	34.30	100	75-125	
Lead	11.11	25.00	35.20	96	75-125	
Molybdenum	0.3508	25.00	24.67	97	75-125	
Nickel	6.964	25.00	31.30	97	75-125	
Selenium	ND	25.00	24.68	99	75-125	
Silver	ND	12.50	12.39	99	75-125	
Thallium	ND	25.00	23.11	92	75-125	
Vanadium	29.14	25.00	52.68	94	75-125	
Zinc	39.18	25.00	61.76	90	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
BB-15-03	**Sample**	**Solid**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 11:54**	**160706S04**
BB-15-03	**PDS**	**Solid**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 12:57**	**160706S04**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.8350	0.8850	106	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
BB-15-01	**Sample**	**Solid**	**Mercury 05**	**07/12/16 00:00**	**07/12/16 14:14**	**160712S03**
BB-15-01	**PDS**	**Solid**	**Mercury 05**	**07/12/16 00:00**	**07/12/16 14:20**	**160712S03**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.8350	0.8013	96	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	N/A
		Method:	ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-06-2029-1	**Sample**	**Concrete**	**N/A**	**06/29/16 00:00**	**06/29/16 21:30**	**G0629MOID5**
16-06-2029-1	**Sample Duplicate**	**Concrete**	**N/A**	**06/29/16 00:00**	**06/29/16 21:30**	**G0629MOID5**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	5.700	6.000	5	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8310
Project: UTAS - Due Diligence / 43559			Page 1 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-07-002-1879	**LCS**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:34**	**160702L06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	100.0	111.0	111	17-203	0-234	
Acenaphthylene	100.0	74.49	74	50-120	38-132	
Acenaphthene	100.0	67.86	68	41-120	28-133	
Fluorene	100.0	68.67	69	51-120	40-132	
Phenanthrene	100.0	72.34	72	56-120	45-131	
Anthracene	100.0	68.27	68	49-120	37-132	
Fluoranthene	100.0	76.06	76	60-120	50-130	
Pyrene	100.0	84.09	84	61-121	51-131	
Benzo (a) Anthracene	100.0	82.09	82	61-121	51-131	
Chrysene	100.0	79.59	80	61-121	51-131	
Benzo (b) Fluoranthene	100.0	78.09	78	61-121	51-131	
Benzo (k) Fluoranthene	100.0	73.51	74	57-129	45-141	
Benzo (a) Pyrene	100.0	75.84	76	43-120	30-133	
Dibenz (a,h) Anthracene	100.0	76.90	77	59-125	48-136	
Benzo (g,h,i) Perylene	100.0	83.03	83	57-123	46-134	
Indeno (1,2,3-c,d) Pyrene	100.0	79.05	79	64-130	53-141	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2156	**LCS**	**Solid**	**GC 45**	**07/08/16**	**07/08/16 20:33**	**160708B11A**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	382.8	96	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 3 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2144	**LCS**	**Solid**	**GC 49**	**06/30/16**	**06/30/16 16:03**	**160630B05**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	307.6	77	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 4 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22886	**LCS**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:24**	**160702L02U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	25.33	101	80-120	73-127	
Arsenic	25.00	24.98	100	80-120	73-127	
Barium	25.00	26.83	107	80-120	73-127	
Beryllium	25.00	24.39	98	80-120	73-127	
Cadmium	25.00	25.75	103	80-120	73-127	
Chromium	25.00	26.31	105	80-120	73-127	
Cobalt	25.00	26.56	106	80-120	73-127	
Copper	25.00	26.11	104	80-120	73-127	
Lead	25.00	26.32	105	80-120	73-127	
Molybdenum	25.00	25.22	101	80-120	73-127	
Nickel	25.00	27.24	109	80-120	73-127	
Selenium	25.00	23.45	94	80-120	73-127	
Silver	12.50	12.88	103	80-120	73-127	
Thallium	25.00	26.52	106	80-120	73-127	
Vanadium	25.00	25.03	100	80-120	73-127	
Zinc	25.00	27.48	110	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 5 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22917	**LCS**	**Solid**	**ICP 7300**	**07/09/16**	**07/13/16 19:54**	**160709L04U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	27.61	110	80-120	73-127	
Arsenic	25.00	27.17	109	80-120	73-127	
Barium	25.00	28.27	113	80-120	73-127	
Beryllium	25.00	27.66	111	80-120	73-127	
Cadmium	25.00	28.29	113	80-120	73-127	
Chromium	25.00	27.88	112	80-120	73-127	
Cobalt	25.00	29.41	118	80-120	73-127	
Copper	25.00	27.35	109	80-120	73-127	
Lead	25.00	28.36	113	80-120	73-127	
Molybdenum	25.00	28.37	113	80-120	73-127	
Nickel	25.00	29.19	117	80-120	73-127	
Selenium	25.00	26.44	106	80-120	73-127	
Silver	12.50	13.25	106	80-120	73-127	
Thallium	25.00	27.64	111	80-120	73-127	
Vanadium	25.00	26.86	107	80-120	73-127	
Zinc	25.00	28.93	116	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 6 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-45	**LCS**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:46**	**160706L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.7925	95	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 7 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-49	**LCS**	**Solid**	**Mercury 05**	**07/12/16**	**07/12/16 14:12**	**160712L03**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.8806	105	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8081A
Project: UTAS - Due Diligence / 43559			Page 8 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-2463	**LCS**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 13:31**	**160705L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	21.00	84	50-135	36-149	
Alpha-BHC	25.00	20.87	83	50-135	36-149	
Beta-BHC	25.00	21.05	84	50-135	36-149	
4,4'-DDD	25.00	26.47	106	50-135	36-149	
4,4'-DDE	25.00	23.99	96	50-135	36-149	
4,4'-DDT	25.00	26.34	105	50-135	36-149	
Delta-BHC	25.00	23.55	94	50-135	36-149	
Dieldrin	25.00	23.98	96	50-135	36-149	
Endosulfan I	25.00	22.01	88	50-135	36-149	
Endosulfan II	25.00	27.68	111	50-135	36-149	
Endosulfan Sulfate	25.00	27.28	109	50-135	36-149	
Endrin	25.00	26.76	107	50-135	36-149	
Endrin Aldehyde	25.00	25.67	103	50-135	36-149	
Gamma-BHC	25.00	21.41	86	50-135	36-149	
Heptachlor	25.00	22.91	92	50-135	36-149	
Heptachlor Epoxide	25.00	22.78	91	50-135	36-149	
Methoxychlor	25.00	30.50	122	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8082
Project: UTAS - Due Diligence / 43559			Page 9 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-3815	**LCS**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 11:31**	**160705L05**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	86.00	86	50-135	
Aroclor-1260	100.0	96.00	96	50-135	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8082
Project: UTAS - Due Diligence / 43559			Page 10 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-3816	**LCS**	**Solid**	**GC 58**	**07/08/16**	**07/08/16 20:12**	**160708L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	91.00	91	50-135	
Aroclor-1260	100.0	98.50	98	50-135	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2032
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 11 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-580	**LCS**	**Solid**	**GC/MS Q**	**07/07/16**	**07/07/16 09:13**	**160707L001**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	45.03	90	70-130	60-140	
Benzene	50.00	47.32	95	78-120	71-127	
Bromobenzene	50.00	50.89	102	70-130	60-140	
Bromochloromethane	50.00	46.39	93	70-130	60-140	
Bromodichloromethane	50.00	50.75	102	70-130	60-140	
Bromoform	50.00	48.79	98	70-130	60-140	
Bromomethane	50.00	43.02	86	70-130	60-140	
2-Butanone	50.00	47.11	94	70-130	60-140	
n-Butylbenzene	50.00	51.66	103	77-123	69-131	
sec-Butylbenzene	50.00	51.45	103	70-130	60-140	
tert-Butylbenzene	50.00	52.94	106	70-130	60-140	
Carbon Disulfide	50.00	41.01	82	70-130	60-140	
Carbon Tetrachloride	50.00	48.13	96	49-139	34-154	
Chlorobenzene	50.00	48.76	98	79-120	72-127	
Chloroethane	50.00	45.70	91	70-130	60-140	
Chloroform	50.00	46.57	93	70-130	60-140	
Chloromethane	50.00	39.71	79	70-130	60-140	
2-Chlorotoluene	50.00	50.10	100	70-130	60-140	
4-Chlorotoluene	50.00	50.93	102	70-130	60-140	
Dibromochloromethane	50.00	47.58	95	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	47.95	96	70-130	60-140	
1,2-Dibromoethane	50.00	48.08	96	70-130	60-140	
Dibromomethane	50.00	48.18	96	70-130	60-140	
1,2-Dichlorobenzene	50.00	50.99	102	75-120	68-128	
1,3-Dichlorobenzene	50.00	51.18	102	70-130	60-140	
1,4-Dichlorobenzene	50.00	50.48	101	70-130	60-140	
Dichlorodifluoromethane	50.00	34.16	68	70-130	60-140	ME
1,1-Dichloroethane	50.00	46.14	92	70-130	60-140	
1,2-Dichloroethane	50.00	46.61	93	70-130	60-140	
1,1-Dichloroethene	50.00	45.74	91	74-122	66-130	
c-1,2-Dichloroethene	50.00	44.99	90	70-130	60-140	
t-1,2-Dichloroethene	50.00	46.42	93	70-130	60-140	
1,2-Dichloropropane	50.00	50.07	100	79-115	73-121	
1,3-Dichloropropane	50.00	46.91	94	70-130	60-140	
2,2-Dichloropropane	50.00	50.63	101	70-130	60-140	
1,1-Dichloropropene	50.00	47.64	95	70-130	60-140	
c-1,3-Dichloropropene	50.00	52.68	105	70-130	60-140	
t-1,3-Dichloropropene	50.00	53.28	107	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2032
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 12 of 14

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	50.14	100	76-120	69-127	
2-Hexanone	50.00	48.91	98	70-130	60-140	
Isopropylbenzene	50.00	51.76	104	70-130	60-140	
p-Isopropyltoluene	50.00	52.97	106	70-130	60-140	
Methylene Chloride	50.00	44.66	89	70-130	60-140	
4-Methyl-2-Pentanone	50.00	50.80	102	70-130	60-140	
Naphthalene	50.00	48.78	98	70-130	60-140	
n-Propylbenzene	50.00	50.81	102	70-130	60-140	
Styrene	50.00	51.63	103	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	53.15	106	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	48.59	97	70-130	60-140	
Tetrachloroethene	50.00	47.71	95	70-130	60-140	
Toluene	50.00	50.79	102	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	52.26	105	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	56.90	114	70-130	60-140	
1,1,1-Trichloroethane	50.00	48.06	96	70-130	60-140	
1,1,2-Trichloroethane	50.00	46.90	94	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	47.17	94	70-130	60-140	
Trichloroethene	50.00	50.35	101	70-130	60-140	
1,2,3-Trichloropropane	50.00	48.83	98	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	51.46	103	70-130	60-140	
Trichlorofluoromethane	50.00	47.49	95	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	52.16	104	70-130	60-140	
Vinyl Acetate	50.00	41.44	83	70-130	60-140	
Vinyl Chloride	50.00	45.57	91	68-122	59-131	
p/m-Xylene	100.0	100.3	100	70-130	60-140	
o-Xylene	50.00	51.86	104	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	47.63	95	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 1
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2032
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-573	**LCS**	**Solid**	**GC/MS BB**	**06/29/16**	**06/29/16 20:58**	**160629L062**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	47.80	96	70-130	60-140	
Benzene	50.00	39.69	79	78-120	71-127	
Bromobenzene	50.00	43.41	87	70-130	60-140	
Bromochloromethane	50.00	37.07	74	70-130	60-140	
Bromodichloromethane	50.00	44.96	90	70-130	60-140	
Bromoform	50.00	45.81	92	70-130	60-140	
Bromomethane	50.00	45.30	91	70-130	60-140	
2-Butanone	50.00	43.69	87	70-130	60-140	
n-Butylbenzene	50.00	41.25	83	77-123	69-131	
sec-Butylbenzene	50.00	42.67	85	70-130	60-140	
tert-Butylbenzene	50.00	42.41	85	70-130	60-140	
Carbon Disulfide	50.00	31.86	64	70-130	60-140	ME
Carbon Tetrachloride	50.00	42.84	86	49-139	34-154	
Chlorobenzene	50.00	41.79	84	79-120	72-127	
Chloroethane	50.00	45.55	91	70-130	60-140	
Chloroform	50.00	42.78	86	70-130	60-140	
Chloromethane	50.00	34.72	69	70-130	60-140	ME
2-Chlorotoluene	50.00	42.92	86	70-130	60-140	
4-Chlorotoluene	50.00	41.56	83	70-130	60-140	
Dibromochloromethane	50.00	44.26	89	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	47.67	95	70-130	60-140	
1,2-Dibromoethane	50.00	44.25	88	70-130	60-140	
Dibromomethane	50.00	40.70	81	70-130	60-140	
1,2-Dichlorobenzene	50.00	41.88	84	75-120	68-128	
1,3-Dichlorobenzene	50.00	41.55	83	70-130	60-140	
1,4-Dichlorobenzene	50.00	40.37	81	70-130	60-140	
Dichlorodifluoromethane	50.00	28.65	57	70-130	60-140	X
1,1-Dichloroethane	50.00	42.12	84	70-130	60-140	
1,2-Dichloroethane	50.00	40.61	81	70-130	60-140	
1,1-Dichloroethene	50.00	39.92	80	74-122	66-130	
c-1,2-Dichloroethene	50.00	41.25	83	70-130	60-140	
t-1,2-Dichloroethene	50.00	39.40	79	70-130	60-140	
1,2-Dichloropropane	50.00	43.38	87	79-115	73-121	
1,3-Dichloropropane	50.00	43.37	87	70-130	60-140	
2,2-Dichloropropane	50.00	36.88	74	70-130	60-140	
1,1-Dichloropropene	50.00	39.38	79	70-130	60-140	
c-1,3-Dichloropropene	50.00	41.34	83	70-130	60-140	
t-1,3-Dichloropropene	50.00	42.86	86	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2032
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 14 of 14

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	42.07	84	76-120	69-127	
2-Hexanone	50.00	46.86	94	70-130	60-140	
Isopropylbenzene	50.00	43.56	87	70-130	60-140	
p-Isopropyltoluene	50.00	42.29	85	70-130	60-140	
Methylene Chloride	50.00	41.19	82	70-130	60-140	
4-Methyl-2-Pentanone	50.00	46.03	92	70-130	60-140	
Naphthalene	50.00	46.32	93	70-130	60-140	
n-Propylbenzene	50.00	42.06	84	70-130	60-140	
Styrene	50.00	43.40	87	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	47.38	95	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	44.19	88	70-130	60-140	
Tetrachloroethene	50.00	47.11	94	70-130	60-140	
Toluene	50.00	41.06	82	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	43.12	86	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	42.06	84	70-130	60-140	
1,1,1-Trichloroethane	50.00	42.86	86	70-130	60-140	
1,1,2-Trichloroethane	50.00	44.08	88	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	42.23	84	70-130	60-140	
Trichloroethene	50.00	42.09	84	70-130	60-140	
1,2,3-Trichloropropane	50.00	45.84	92	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	41.39	83	70-130	60-140	
Trichlorofluoromethane	50.00	41.55	83	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	43.59	87	70-130	60-140	
Vinyl Acetate	50.00	31.19	62	70-130	60-140	ME
Vinyl Chloride	50.00	40.69	81	68-122	59-131	
p/m-Xylene	100.0	83.34	83	70-130	60-140	
o-Xylene	50.00	43.17	86	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	43.76	88	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 3
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-2032 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7471A	EPA 7471A Total	868	Mercury 05	1
EPA 8015B (M)	EPA 3550B	682	GC 45	1
EPA 8015B (M)	EPA 3550B	682	GC 49	1
EPA 8081A	EPA 3545	669	GC 41	1
EPA 8082	EPA 3545	944	GC 58	1
EPA 8260B	EPA 5030C	867	GC/MS BB	2
EPA 8260B	EPA 5030C	1055	GC/MS Q	2
EPA 8310	EPA 3545	960	HPLC 5	1

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Glossary of Terms and Qualifiers

Work Order: 16-06-2032 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 1

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200, San Diego, CA 92108

TEL: 619-285-7141 | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due ~~Dillogence~~ Diligence / 43559

PROJECT CONTACT: Robert K. Scott

SAMPLER(S): (SIGNATURE) Tyree Burns

COELT LOG CODE

P.O. NO.:

LABSEAL: 16-06-2032

COOLER RECEIPT Temp = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS: UTC Chula Vista

Revised COC received from Tyree Burns (H&A) on 07/06/2016 at 16:26pm.
- Virendra (ECI)

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs	OCPs	Hold				CONTAINER TYPE
1		BB-16-01	6/28/16	0827	Soil	1	X	X	X	X		X						
2		BB-16-03		0829	Soil	1	X	X	X	X								
3		BB-16-10		0830	Soil	1	X	X	X	X				X				Hold sample
4		BB-15-01		0848	Soil	1	X	X	X	X			X					
5		BB-15-03		0850	Soil	1	X	X	X	X								
6		BB-15-10		0852	Soil	1	X	X	X	X				X				Hold Sample
7		BB-14-01		0910	Soil	1	X	X	X	X		X						
8		BB-14-05		0909	Soil	1	X	X	X	X								
9		BB-14-10		0914	Soil	1	X	X	X	X								Hold sample
10		BB-14-03		0912	Soil	1												Hold sample

Relinquished by: (Signature) Tyree Burns	Received by: (Signature) EC	Date: 6/28/16	Time: 1545
Relinquished by: (Signature)	Received by: (Signature) ECI	Date: 062816	Time: 1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 1

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200
San Diego, CA 92108

TEL: 619-285-7141 | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due ~~Dillogence~~ Diligence / 43559

PROJECT CONTACT: Robert K. Scott

SAMPLER(S): (SIGNATURE) Tyree Burns

COELT LOG CODE

P.O. NO.:

LOGIN # 16-06-2032

COOLER RECEIPT Temp = _____ °C

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS
UTC Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs	OCPs	Hold				CONTAINER TYPE
1		BB-16-01	6/28/16	0827	Soil	1	X	X	X	X		X						
2		BB-16-		0829	Soil	1	X	X	X	X								
3		BB-16-10		0830	Soil	1	X	X	X	X				X				Hold sample
4		BB-15-01		0848	Soil	1							X					
5		BB-15-03		0850	Soil	1	X	X	X	X								
6		BB-15-10		0852	Soil	1	X	X	X	X				X				Hold sample
7		BB-14-01		0910	Soil	1	X	X	X	X		X						
8		BB-14-05		0909	Soil	1	X	X	X	X								
9		BB-14-10		0914	Soil	1	X	X	X	X								Hold sample
10		BB-14-03		0912	Soil	1												Hold sample

Relinquished by: (Signature)	Received by: (Signature) EQ	Date: 6/28/16	Time: 1545
Relinquished by: (Signature)	Received by: (Signature) ECI	Date: 062816	Time: 1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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WORK ORDER NUMBER: 16-06-2032

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 06 / 28 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 671

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 671

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1013

SAMPLE CONDITION:

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☑	☐
☑ Sampling date (-2) thru (-10) ☐ Sampling time ☐ Matrix ☐ Number of containers @ 6/28/16.			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☑ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1013

Reviewed by: 671

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WORK ORDER NUMBER: 16-06- 2032

SAMPLE ANOMALY REPORT

DATE: 06 / 28 / 2016

SAMPLES, CONTAINERS, AND LABELS:

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☑ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

Comments

(-2) labeled as BB-16-03 (collection date & time matched)

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

Reported by: 1013

Reviewed by: 681.

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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WORK ORDER NUMBER: 16-06-2033

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/13/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Narrative

Work Order: 16-06-2033 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/28/16. They were assigned to Work Order 16-06-2033.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-06-2033

EPA Method 6010B Total Metals:

Project Required Detection Limit (PRDL):

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Silver, Selenium, Thallium and Zinc on 07/01/16.

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 6010B	
Batch #	Analytes(s)
160702S02	Antimony[3] and Barium[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

EPA Method 8260B Volatile Organics:

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160706S004	2-Chloro Vinyl Ether[3] and Isobutyl Alcohol
160701S002	Vinyl Acetate[3,4]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

Table B: Laboratory Control Sample (LCS) / LCS Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160706L009	2-Chloroethyl Vinyl Ether and Isobutyl Alcohol[ME]
160701L002	Chloroethane[ME] and Vinyl Chloride[ME]

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

EPA Method 8310 Polynuclear Aromatic Hydrocarbons:

Table C: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8310	
Batch #	Analytes(s)
160702S06	Benzo (a) Anthracene[3,4], Dibenz (a,h) Anthracene[3] and Indeno (1,2,3-c,d) Pyrene[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		PO Number:	
		Date/Time Received:	06/28/16 19:00
		Number of Containers:	10
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-13-01	16-06-2033-1	06/28/16 08:25	1	Solid
BB-13-03	16-06-2033-2	06/28/16 08:27	1	Solid
BB-13-10	16-06-2033-3	06/28/16 08:29	1	Solid
BB-12-01	16-06-2033-4	06/28/16 08:43	1	Solid
BB-12-03	16-06-2033-5	06/28/16 08:45	1	Solid
BB-12-10	16-06-2033-6	06/28/16 08:47	1	Solid
BB-11-01	16-06-2033-7	06/28/16 09:03	1	Solid
BB-11-03	16-06-2033-8	06/28/16 09:05	1	Solid
BB-11-10	16-06-2033-9	06/28/16 09:07	1	Solid
BB-11-GW	16-06-2033-10	06/28/16 09:15	1	Aqueous

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 1 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-13-01 (16-06-2033-1)						
Moisture	4.4		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	3.34		0.746	mg/kg	EPA 6010B	EPA 3050B
Barium	70.3		0.498	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.244	J	0.136*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.421	J	0.135*	mg/kg	EPA 6010B	EPA 3050B
Chromium	12.3		0.249	mg/kg	EPA 6010B	EPA 3050B
Cobalt	5.69		0.249	mg/kg	EPA 6010B	EPA 3050B
Copper	13.0		0.498	mg/kg	EPA 6010B	EPA 3050B
Lead	90.6		0.498	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.315		0.249	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.50		0.249	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.840		0.746	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.452	J	0.151*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	28.7		0.249	mg/kg	EPA 6010B	EPA 3050B
Zinc	37.3	B	0.995	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00721	J	0.00597*	mg/kg	EPA 7471A	EPA 7471A Total
C25-C28	1.9	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	8.8		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	17		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	17		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	3.2	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	48		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
4,4'-DDT	3.6	J	2.2*	ug/kg	EPA 8081A	EPA 3545

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* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 2 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-13-03 (16-06-2033-2)						
Moisture	13		0.10	%	ASTM D-2216 (M)	N/A
Antimony	0.200	J	0.154*	mg/kg	EPA 6010B	EPA 3050B
Arsenic	1.75		0.773	mg/kg	EPA 6010B	EPA 3050B
Barium	70.6		0.515	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.364		0.258	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.357	J	0.140*	mg/kg	EPA 6010B	EPA 3050B
Chromium	17.2		0.258	mg/kg	EPA 6010B	EPA 3050B
Cobalt	11.8		0.258	mg/kg	EPA 6010B	EPA 3050B
Copper	9.18		0.515	mg/kg	EPA 6010B	EPA 3050B
Lead	4.53		0.515	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.82		0.258	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.390	J	0.309*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	54.5		0.258	mg/kg	EPA 6010B	EPA 3050B
Zinc	28.6	B	1.03	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0396	J	0.00587*	mg/kg	EPA 7471A	EPA 7471A Total
BB-12-01 (16-06-2033-4)						
Moisture	3.5		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	4.10		0.765	mg/kg	EPA 6010B	EPA 3050B
Barium	81.2		0.510	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.259		0.255	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.277	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Chromium	8.82		0.255	mg/kg	EPA 6010B	EPA 3050B
Cobalt	5.26		0.255	mg/kg	EPA 6010B	EPA 3050B
Copper	7.31		0.510	mg/kg	EPA 6010B	EPA 3050B
Lead	20.7		0.510	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.304		0.255	mg/kg	EPA 6010B	EPA 3050B
Nickel	4.81		0.255	mg/kg	EPA 6010B	EPA 3050B
Vanadium	27.0		0.255	mg/kg	EPA 6010B	EPA 3050B
Zinc	42.7	B	1.02	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00644	J	0.00587*	mg/kg	EPA 7471A	EPA 7471A Total
C29-C32	5.9		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	12		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	11		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	28		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-12-03 (16-06-2033-5)						
Moisture	6.1		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	8.23		0.732	mg/kg	EPA 6010B	EPA 3050B
Barium	65.4		0.488	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.254		0.244	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.438	J	0.132*	mg/kg	EPA 6010B	EPA 3050B
Chromium	13.2		0.244	mg/kg	EPA 6010B	EPA 3050B
Cobalt	8.13		0.244	mg/kg	EPA 6010B	EPA 3050B
Copper	15.8		0.488	mg/kg	EPA 6010B	EPA 3050B
Lead	21.5		0.488	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.144	J	0.129*	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.99		0.244	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.717	J	0.292*	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.351	J	0.148*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	39.1		0.244	mg/kg	EPA 6010B	EPA 3050B
Zinc	38.1	B	0.976	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0179	J	0.00618*	mg/kg	EPA 7471A	EPA 7471A Total
C21-C22	2.4	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	1.6	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	3.3	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	7.4		5.1	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	9.8		5.1	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	25		5.1	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	2.1	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	52		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 4 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-11-01 (16-06-2033-7)						
Moisture	3.3		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	6.41		0.750	mg/kg	EPA 6010B	EPA 3050B
Barium	81.9		0.500	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.239	J	0.137*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	1.11		0.500	mg/kg	EPA 6010B	EPA 3050B
Chromium	31.1		0.250	mg/kg	EPA 6010B	EPA 3050B
Cobalt	5.05		0.250	mg/kg	EPA 6010B	EPA 3050B
Copper	21.5		0.500	mg/kg	EPA 6010B	EPA 3050B
Lead	1640		0.500	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	1.83		0.250	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.23		0.250	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.800		0.750	mg/kg	EPA 6010B	EPA 3050B
Vanadium	24.9		0.250	mg/kg	EPA 6010B	EPA 3050B
Zinc	125	B	1.00	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0220	J	0.00597*	mg/kg	EPA 7471A	EPA 7471A Total
C21-C22	18	J	13*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	120		50	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	240		50	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	280		50	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	280		50	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	150		50	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	1100		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Chlordane	40	J	26*	ug/kg	EPA 8081A	EPA 3545
4,4'-DDT	3.4	J	2.2*	ug/kg	EPA 8081A	EPA 3545
Trichloroethene	0.37	J	0.31*	ug/kg	EPA 8260B	EPA 5030C

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 5 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-11-03 (16-06-2033-8)						
Moisture	4.1		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.61		0.769	mg/kg	EPA 6010B	EPA 3050B
Barium	77.1		0.513	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.325		0.256	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.358	J	0.139*	mg/kg	EPA 6010B	EPA 3050B
Chromium	20.3		0.256	mg/kg	EPA 6010B	EPA 3050B
Cobalt	10.2		0.256	mg/kg	EPA 6010B	EPA 3050B
Copper	11.4		0.513	mg/kg	EPA 6010B	EPA 3050B
Lead	242		0.513	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.48		0.256	mg/kg	EPA 6010B	EPA 3050B
Vanadium	50.4		0.256	mg/kg	EPA 6010B	EPA 3050B
Zinc	42.9	B	1.03	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00921	J	0.00618*	mg/kg	EPA 7471A	EPA 7471A Total
C25-C28	4.2	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	11		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	15		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	16		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	4.0	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	50		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
BB-11-GW (16-06-2033-10)						
Arsenic	0.0117		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Barium	0.0504		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Cobalt	0.0124		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Copper	0.00974	J	0.00267*	mg/L	EPA 6010B	EPA 3005A Filt.
Molybdenum	0.150	B	0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Nickel	0.0111		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Selenium	0.0141	J	0.00699*	mg/L	EPA 6010B	EPA 3005A Filt.
Zinc	0.0166		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Acetone	5.1	J	3.5*	ug/L	EPA 8260B	EPA 5030C
Bromomethane	1.9		1.0	ug/L	EPA 8260B	EPA 5030C
Chloroform	3.7		0.50	ug/L	EPA 8260B	EPA 5030C
Chloromethane	1.0		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethane	1.9		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	2.5		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.35	J	0.22*	ug/L	EPA 8260B	EPA 5030C
Toluene	0.31	J	0.26*	ug/L	EPA 8260B	EPA 5030C
1,1,1-Trichloroethane	1.1		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	33		0.50	ug/L	EPA 8260B	EPA 5030C

* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 6 of 6

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-01	**16-06-2033-4-AA**	**06/28/16 08:43**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 07:40**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	2.9	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	53	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1879**	**N/A**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:02**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	61	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-01	**16-06-2033-1-AA**	**06/28/16 08:25**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	4.4	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-03	**16-06-2033-2-AA**	**06/28/16 08:27**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	13	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-01	**16-06-2033-4-AA**	**06/28/16 08:43**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.5	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-03	**16-06-2033-5-AA**	**06/28/16 08:45**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	6.1	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-01	**16-06-2033-7-AA**	**06/28/16 09:03**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.3	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-03	**16-06-2033-8-AA**	**06/28/16 09:05**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	4.1	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6079**	**N/A**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-01	**16-06-2033-1-AA**	**06/28/16 08:25**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 21:37**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	ND	4.9	1.2	1.00	
C23-C24	ND	4.9	1.2	1.00	
C25-C28	1.9	4.9	1.2	1.00	J
C29-C32	8.8	4.9	1.2	1.00	
C33-C36	17	4.9	1.2	1.00	
C37-C40	17	4.9	1.2	1.00	
C41-C44	3.2	4.9	1.2	1.00	J
C6-C44 Total	48	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	72	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-03	**16-06-2033-2-AA**	**06/28/16 08:27**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 20:04**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	ND	5.0	1.2	1.00	
C21-C22	ND	5.0	1.2	1.00	
C23-C24	ND	5.0	1.2	1.00	
C25-C28	ND	5.0	1.2	1.00	
C29-C32	ND	5.0	1.2	1.00	
C33-C36	ND	5.0	1.2	1.00	
C37-C40	ND	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	77	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-01	**16-06-2033-4-AA**	**06/28/16 08:43**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 21:52**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	ND	4.9	1.2	1.00	
C21-C22	ND	4.9	1.2	1.00	
C23-C24	ND	4.9	1.2	1.00	
C25-C28	ND	4.9	1.2	1.00	
C29-C32	5.9	4.9	1.2	1.00	
C33-C36	12	4.9	1.2	1.00	
C37-C40	11	4.9	1.2	1.00	
C41-C44	ND	4.9	1.2	1.00	
C6-C44 Total	28	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	66	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-03	**16-06-2033-5-AA**	**06/28/16 08:45**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 22:07**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.1	1.3	1.00	
C7	ND	5.1	1.3	1.00	
C8	ND	5.1	1.3	1.00	
C9-C10	ND	5.1	1.3	1.00	
C11-C12	ND	5.1	1.3	1.00	
C13-C14	ND	5.1	1.3	1.00	
C15-C16	ND	5.1	1.3	1.00	
C17-C18	ND	5.1	1.3	1.00	
C19-C20	ND	5.1	1.3	1.00	
C21-C22	2.4	5.1	1.3	1.00	J
C23-C24	1.6	5.1	1.3	1.00	J
C25-C28	3.3	5.1	1.3	1.00	J
C29-C32	7.4	5.1	1.3	1.00	
C33-C36	9.8	5.1	1.3	1.00	
C37-C40	25	5.1	1.3	1.00	
C41-C44	2.1	5.1	1.3	1.00	J
C6-C44 Total	52	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	74	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-01	**16-06-2033-7-AA**	**06/28/16 09:03**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 22:22**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	50	13	10.0	
C7	ND	50	13	10.0	
C8	ND	50	13	10.0	
C9-C10	ND	50	13	10.0	
C11-C12	ND	50	13	10.0	
C13-C14	ND	50	13	10.0	
C15-C16	ND	50	13	10.0	
C17-C18	ND	50	13	10.0	
C19-C20	ND	50	13	10.0	
C21-C22	18	50	13	10.0	J
C23-C24	ND	50	13	10.0	
C25-C28	120	50	13	10.0	
C29-C32	240	50	13	10.0	
C33-C36	280	50	13	10.0	
C37-C40	280	50	13	10.0	
C41-C44	150	50	13	10.0	
C6-C44 Total	1100	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	68	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-03	**16-06-2033-8-AA**	**06/28/16 09:05**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 22:38**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	4.2	5.0	1.3	1.00	J
C29-C32	11	5.0	1.3	1.00	
C33-C36	15	5.0	1.3	1.00	
C37-C40	16	5.0	1.3	1.00	
C41-C44	4.0	5.0	1.3	1.00	J
C6-C44 Total	50	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	66	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2143**	**N/A**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 16:12**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	72	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-01	**16-06-2033-1-AA**	**06/28/16 08:25**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:04**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.746	0.148	0.995	
Arsenic	3.34	0.746	0.258	0.995	
Barium	70.3	0.498	0.154	0.995	
Beryllium	0.244	0.249	0.136	0.995	J
Cadmium	0.421	0.498	0.135	0.995	J
Chromium	12.3	0.249	0.142	0.995	
Cobalt	5.69	0.249	0.147	0.995	
Copper	13.0	0.498	0.134	0.995	
Lead	90.6	0.498	0.131	0.995	
Molybdenum	0.315	0.249	0.131	0.995	
Nickel	5.50	0.249	0.144	0.995	
Selenium	0.840	0.746	0.298	0.995	
Silver	ND	0.249	0.0853	0.995	
Thallium	0.452	0.746	0.151	0.995	J
Vanadium	28.7	0.249	0.141	0.995	
Zinc	37.3	0.995	0.177	0.995	B

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-03	**16-06-2033-2-AA**	**06/28/16 08:27**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:08**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.200	0.773	0.154	1.03	J
Arsenic	1.75	0.773	0.267	1.03	
Barium	70.6	0.515	0.159	1.03	
Beryllium	0.364	0.258	0.141	1.03	
Cadmium	0.357	0.515	0.140	1.03	J
Chromium	17.2	0.258	0.147	1.03	
Cobalt	11.8	0.258	0.153	1.03	
Copper	9.18	0.515	0.139	1.03	
Lead	4.53	0.515	0.136	1.03	
Molybdenum	ND	0.258	0.136	1.03	
Nickel	8.82	0.258	0.149	1.03	
Selenium	0.390	0.773	0.309	1.03	J
Silver	ND	0.258	0.0884	1.03	
Thallium	ND	0.773	0.156	1.03	
Vanadium	54.5	0.258	0.146	1.03	
Zinc	28.6	1.03	0.183	1.03	B

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-01	**16-06-2033-4-AA**	**06/28/16 08:43**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:09**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	4.10	0.765	0.264	1.02	
Barium	81.2	0.510	0.158	1.02	
Beryllium	0.259	0.255	0.140	1.02	
Cadmium	0.277	0.510	0.138	1.02	J
Chromium	8.82	0.255	0.145	1.02	
Cobalt	5.26	0.255	0.151	1.02	
Copper	7.31	0.510	0.137	1.02	
Lead	20.7	0.510	0.134	1.02	
Molybdenum	0.304	0.255	0.135	1.02	
Nickel	4.81	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	ND	0.255	0.0875	1.02	
Thallium	ND	0.765	0.155	1.02	
Vanadium	27.0	0.255	0.144	1.02	
Zinc	42.7	1.02	0.181	1.02	B

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-03	**16-06-2033-5-AA**	**06/28/16 08:45**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:10**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.732	0.145	0.976	
Arsenic	8.23	0.732	0.253	0.976	
Barium	65.4	0.488	0.151	0.976	
Beryllium	0.254	0.244	0.134	0.976	
Cadmium	0.438	0.488	0.132	0.976	J
Chromium	13.2	0.244	0.139	0.976	
Cobalt	8.13	0.244	0.144	0.976	
Copper	15.8	0.488	0.131	0.976	
Lead	21.5	0.488	0.128	0.976	
Molybdenum	0.144	0.244	0.129	0.976	J
Nickel	5.99	0.244	0.141	0.976	
Selenium	0.717	0.732	0.292	0.976	J
Silver	ND	0.244	0.0836	0.976	
Thallium	0.351	0.732	0.148	0.976	J
Vanadium	39.1	0.244	0.138	0.976	
Zinc	38.1	0.976	0.173	0.976	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-01	**16-06-2033-7-AA**	**06/28/16 09:03**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:12**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.750	0.149	1.00	
Arsenic	6.41	0.750	0.259	1.00	
Barium	81.9	0.500	0.154	1.00	
Beryllium	0.239	0.250	0.137	1.00	J
Cadmium	1.11	0.500	0.135	1.00	
Chromium	31.1	0.250	0.142	1.00	
Cobalt	5.05	0.250	0.148	1.00	
Copper	21.5	0.500	0.135	1.00	
Lead	1640	0.500	0.132	1.00	
Molybdenum	1.83	0.250	0.132	1.00	
Nickel	8.23	0.250	0.145	1.00	
Selenium	0.800	0.750	0.300	1.00	
Silver	ND	0.250	0.0857	1.00	
Thallium	ND	0.750	0.152	1.00	
Vanadium	24.9	0.250	0.141	1.00	
Zinc	125	1.00	0.178	1.00	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-03	**16-06-2033-8-AA**	**06/28/16 09:05**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:13**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.769	0.153	1.03	
Arsenic	1.61	0.769	0.266	1.03	
Barium	77.1	0.513	0.158	1.03	
Beryllium	0.325	0.256	0.140	1.03	
Cadmium	0.358	0.513	0.139	1.03	J
Chromium	20.3	0.256	0.146	1.03	
Cobalt	10.2	0.256	0.152	1.03	
Copper	11.4	0.513	0.138	1.03	
Lead	242	0.513	0.135	1.03	
Molybdenum	ND	0.256	0.135	1.03	
Nickel	7.48	0.256	0.148	1.03	
Selenium	ND	0.769	0.307	1.03	
Silver	ND	0.256	0.0879	1.03	
Thallium	ND	0.769	0.156	1.03	
Vanadium	50.4	0.256	0.145	1.03	
Zinc	42.9	1.03	0.182	1.03	B

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22886**	**N/A**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:23**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	ND	0.765	0.264	1.02	
Barium	ND	0.510	0.158	1.02	
Beryllium	ND	0.255	0.140	1.02	
Cadmium	ND	0.510	0.138	1.02	
Chromium	ND	0.255	0.145	1.02	
Cobalt	ND	0.255	0.151	1.02	
Copper	ND	0.510	0.137	1.02	
Lead	ND	0.510	0.134	1.02	
Molybdenum	ND	0.255	0.135	1.02	
Nickel	ND	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	ND	0.255	0.0875	1.02	
Thallium	ND	0.765	0.155	1.02	
Vanadium	ND	0.255	0.144	1.02	
Zinc	1.16	1.02	0.181	1.02	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-GW	**16-06-2033-10-F**	**06/28/16 09:15**	**Aqueous**	**ICP 7300**	**06/24/16**	**07/01/16 13:12**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.0150	0.00787	1.00	
Arsenic	0.0117	0.0100	0.00438	1.00	
Barium	0.0504	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	0.0124	0.0100	0.00295	1.00	
Copper	0.00974	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.150	0.0100	0.00278	1.00	B
Nickel	0.0111	0.0100	0.00298	1.00	
Selenium	0.0141	0.0150	0.00699	1.00	J
Silver	ND	0.00500	0.00139	1.00	
Thallium	ND	0.0150	0.00291	1.00	
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	0.0166	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-460-98**	**N/A**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:28**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.0413	0.0150	0.00787	1.00	
Arsenic	ND	0.0100	0.00438	1.00	
Barium	ND	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	ND	0.0100	0.00295	1.00	
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.00769	0.0100	0.00278	1.00	J
Nickel	ND	0.0100	0.00298	1.00	
Selenium	ND	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	0.00605	0.0150	0.00291	1.00	J
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	ND	0.0100	0.00352	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 7470A Filt.
Method: EPA 7470A
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-GW	**16-06-2033-10-F**	**06/28/16 09:15**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:19**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-456-3**	**N/A**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:14**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-01	**16-06-2033-1-AA**	**06/28/16 08:25**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:28**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00721	0.0847	0.00597	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-03	**16-06-2033-2-AA**	**06/28/16 08:27**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:40**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0396	0.0833	0.00587	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-01	**16-06-2033-4-AA**	**06/28/16 08:43**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:32**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00644	0.0833	0.00587	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-03	**16-06-2033-5-AA**	**06/28/16 08:45**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:42**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0179	0.0877	0.00618	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-01	**16-06-2033-7-AA**	**06/28/16 09:03**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:44**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0220	0.0847	0.00597	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-03	**16-06-2033-8-AA**	**06/28/16 09:05**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:46**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00921	0.0877	0.00618	1.00	J

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-45**	**N/A**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:44**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0820	0.00578	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-01	**16-06-2033-1-AA**	**06/28/16 08:25**	**Solid**	**GC 44**	**07/05/16**	**07/09/16 11:42**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	3.6	5.0	2.2	1.00	J
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.3	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.3	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	78	24-168	
2,4,5,6-Tetrachloro-m-Xylene	72	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-01	**16-06-2033-7-AA**	**06/28/16 09:03**	**Solid**	**GC 44**	**07/05/16**	**07/09/16 11:56**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	40	50	26	1.00	J
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	3.4	5.0	2.2	1.00	J
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	102	24-168	
2,4,5,6-Tetrachloro-m-Xylene	102	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-2463**	**N/A**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:03**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	97	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-01	**16-06-2033-1-AA**	**06/28/16 08:25**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 08:01**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	92	24-168	
2,4,5,6-Tetrachloro-m-Xylene	75	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-03	**16-06-2033-2-AA**	**06/28/16 08:27**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 08:55**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	122	24-168	
2,4,5,6-Tetrachloro-m-Xylene	74	25-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-01	**16-06-2033-4-AA**	**06/28/16 08:43**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 09:13**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	116	24-168	
2,4,5,6-Tetrachloro-m-Xylene	88	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-03	**16-06-2033-5-AA**	**06/28/16 08:45**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 09:31**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	112	24-168	
2,4,5,6-Tetrachloro-m-Xylene	77	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-01	**16-06-2033-7-AA**	**06/28/16 09:03**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 09:49**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	101	24-168	
2,4,5,6-Tetrachloro-m-Xylene	77	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-03	**16-06-2033-8-AA**	**06/28/16 09:05**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 10:07**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	113	24-168	
2,4,5,6-Tetrachloro-m-Xylene	77	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-3810**	**N/A**	**Solid**	**GC 58**	**07/05/16**	**07/06/16 20:37**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	106	24-168	
2,4,5,6-Tetrachloro-m-Xylene	81	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-GW	**16-06-2033-10-C**	**06/28/16 09:15**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 16:17**	**160706L009**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	5.1	10	3.5	1.00	J
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	1.9	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	3.7	0.50	0.22	1.00	
Chloromethane	1.0	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	1.9	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	2.5	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	0.35	0.50	0.22	1.00	J
Toluene	0.31	0.50	0.26	1.00	J
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	1.1	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	33	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	105	71-135	
1,2-Dichloroethane-d4	108	64-139	
Toluene-d8	99	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-446-107**	**N/A**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 10:58**	**160706L009**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	10	3.5	1.00	
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	ND	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	100	71-135	
1,2-Dichloroethane-d4	100	64-139	
Toluene-d8	95	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-01	**16-06-2033-1-A**	**06/28/16 08:25**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 11:24**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.22	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.80	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.46	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.36	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.16	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.65	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.84	1.00	
n-Propylbenzene	ND	5.1	0.52	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.22	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.52	1.00	
p/m-Xylene	ND	5.1	0.28	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	93	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	100	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-13-03	**16-06-2033-2-A**	**06/28/16 08:27**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 13:14**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.5	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.8	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.33	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.63	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.57	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.63	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.95	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.61	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.58	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.31	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	60-132	
Dibromofluoromethane	94	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-01	**16-06-2033-4-A**	**06/28/16 08:43**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 13:41**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	60-132	
Dibromofluoromethane	95	63-141	
1,2-Dichloroethane-d4	99	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-12-03	**16-06-2033-5-A**	**06/28/16 08:45**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 14:08**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.77	1.00	
1,2-Dichlorobenzene	ND	4.9	0.23	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.28	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.50	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	60-132	
Dibromofluoromethane	98	63-141	
1,2-Dichloroethane-d4	93	62-146	
Toluene-d8	100	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-01	**16-06-2033-7-A**	**06/28/16 09:03**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 14:36**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.5	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.72	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.8	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.32	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.33	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.63	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.57	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.63	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.95	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.37	1.00	
Trichloroethene	0.37	5.2	0.31	1.00	J
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.61	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.58	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.31	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	60-132	
Dibromofluoromethane	56	63-141	2,6
1,2-Dichloroethane-d4	95	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-03	**16-06-2033-8-A**	**06/28/16 09:05**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 15:03**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.22	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.16	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.80	1.00	
1,2-Dichlorobenzene	ND	5.1	0.24	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.46	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.36	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.16	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.65	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.84	1.00	
n-Propylbenzene	ND	5.1	0.52	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.36	1.00	
Tetrachloroethene	ND	5.1	0.22	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.52	1.00	
p/m-Xylene	ND	5.1	0.28	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	97	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-574**	**N/A**	**Solid**	**GC/MS BB**	**07/01/16**	**07/01/16 10:30**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	95	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8310

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-31	**Sample**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 12:01**	**160702S06**
16-06-2175-31	**Matrix Spike**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:06**	**160702S06**
16-06-2175-31	**Matrix Spike Duplicate**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:38**	**160702S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	100.0	91.88	92	84.31	84	23-167	9	0-46	
Acenaphthylene	ND	100.0	85.70	86	76.37	76	24-120	12	0-47	
Acenaphthene	ND	100.0	80.70	81	71.95	72	16-120	11	0-46	
Fluorene	ND	100.0	72.76	73	67.08	67	32-120	8	0-44	
Phenanthrene	ND	100.0	70.62	71	65.40	65	34-120	8	0-38	
Anthracene	ND	100.0	69.44	69	64.42	64	27-120	8	0-45	
Fluoranthene	ND	100.0	60.43	60	56.64	57	32-122	6	0-41	
Pyrene	ND	100.0	56.63	57	50.54	51	31-127	11	0-38	
Benzo (a) Anthracene	ND	100.0	21.01	21	8.489	8	32-122	85	0-43	3,4
Chrysene	ND	100.0	67.53	68	63.16	63	30-132	7	0-42	
Benzo (b) Fluoranthene	15.17	100.0	98.38	83	65.26	50	33-120	40	0-44	
Benzo (k) Fluoranthene	31.49	100.0	60.33	29	67.32	36	23-149	11	0-44	
Benzo (a) Pyrene	15.48	100.0	112.6	97	97.57	82	12-132	14	0-48	
Dibenz (a,h) Anthracene	188.1	100.0	268.1	80	183.3	0	29-125	38	0-43	3
Benzo (g,h,i) Perylene	18.28	100.0	95.51	77	64.44	46	24-132	39	0-42	
Indeno (1,2,3-c,d) Pyrene	332.6	100.0	322.3	0	237.9	0	29-143	30	0-42	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2035-1	**Sample**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 17:14**	**160630S04**
16-06-2035-1	**Matrix Spike**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 16:43**	**160630S04**
16-06-2035-1	**Matrix Spike Duplicate**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 16:58**	**160630S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	28.52	400.0	367.8	85	371.7	86	64-130	1	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2032-5	**Sample**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:56**	**160702S02**
16-06-2032-5	**Matrix Spike**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:57**	**160702S02**
16-06-2032-5	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**07/02/16**	**07/07/16 10:35**	**160702S02**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	7.628	31	6.657	27	50-115	14	0-20	3
Arsenic	3.444	25.00	29.73	105	28.25	99	75-125	5	0-20	
Barium	66.21	25.00	101.3	140	97.14	124	75-125	4	0-20	3
Beryllium	0.2804	25.00	27.28	108	25.62	101	75-125	6	0-20	
Cadmium	0.7340	25.00	26.77	104	25.24	98	75-125	6	0-20	
Chromium	14.93	25.00	41.05	104	39.12	97	75-125	5	0-20	
Cobalt	7.509	25.00	34.05	106	33.13	102	75-125	3	0-20	
Copper	27.94	25.00	50.03	88	47.48	78	75-125	5	0-20	
Lead	21.34	25.00	47.69	105	45.37	96	75-125	5	0-20	
Molybdenum	ND	25.00	23.53	94	22.36	89	75-125	5	0-20	
Nickel	8.202	25.00	35.76	110	34.02	103	75-125	5	0-20	
Selenium	ND	25.00	24.33	97	23.97	96	75-125	1	0-20	
Silver	ND	12.50	13.56	109	12.73	102	75-125	6	0-20	
Thallium	ND	25.00	25.89	104	24.75	99	75-125	4	0-20	
Vanadium	40.39	25.00	64.17	95	61.21	83	75-125	5	0-20	
Zinc	61.34	25.00	89.72	114	85.31	96	75-125	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3005A Filt.
Method: EPA 6010B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**Matrix Spike**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:02**	**160630SA2**
16-06-2029-10	**Matrix Spike Duplicate**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:03**	**160630SA2**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	0.5000	0.5226	105	0.5360	107	75-125	3	0-20	
Arsenic	ND	0.5000	0.5284	106	0.5320	106	75-125	1	0-20	
Barium	0.02259	0.5000	0.5364	103	0.5367	103	75-125	0	0-20	
Beryllium	ND	0.5000	0.5139	103	0.5169	103	75-125	1	0-20	
Cadmium	ND	0.5000	0.5197	104	0.5262	105	75-125	1	0-20	
Chromium	ND	0.5000	0.5098	102	0.5176	104	75-125	2	0-20	
Cobalt	ND	0.5000	0.5358	107	0.5441	109	75-125	2	0-20	
Copper	ND	0.5000	0.5309	106	0.5374	107	75-125	1	0-20	
Lead	ND	0.5000	0.4982	100	0.5074	101	75-125	2	0-20	
Molybdenum	0.02077	0.5000	0.5355	103	0.5498	106	75-125	3	0-20	
Nickel	ND	0.5000	0.5063	101	0.5163	103	75-125	2	0-20	
Selenium	ND	0.5000	0.5189	104	0.5145	103	75-125	1	0-20	
Silver	ND	0.2500	0.2597	104	0.2590	104	75-125	0	0-20	
Thallium	ND	0.5000	0.5004	100	0.5071	101	75-125	1	0-20	
Vanadium	0.05304	0.5000	0.5661	103	0.5756	105	75-125	2	0-20	
Zinc	0.01178	0.5000	0.5634	110	0.5672	111	75-125	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2033
San Diego, CA 92108-1350	Preparation:	EPA 7470A Filt.
	Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559		Page 5 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-11-GW	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:19**	**160706SA1**
BB-11-GW	**Matrix Spike**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:21**	**160706SA1**
BB-11-GW	**Matrix Spike Duplicate**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:23**	**160706SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.01000	0.009027	90	0.009054	91	75-125	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2033
San Diego, CA 92108-1350	Preparation:	EPA 7471A Total
	Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559		Page 6 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2032-5	**Sample**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:54**	**160706S04**
16-06-2032-5	**Matrix Spike**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:56**	**160706S04**
16-06-2032-5	**Matrix Spike Duplicate**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:58**	**160706S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8211	98	0.7988	96	75-125	3	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3545
Method: EPA 8081A

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2036-1	**Sample**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:16**	**160705S04**
16-06-2036-1	**Matrix Spike**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:46**	**160705S04**
16-06-2036-1	**Matrix Spike Duplicate**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:01**	**160705S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	22.96	92	21.95	88	50-135	5	0-25	
Alpha-BHC	ND	25.00	22.33	89	21.77	87	50-135	3	0-25	
Beta-BHC	ND	25.00	23.32	93	21.50	86	50-135	8	0-25	
4,4'-DDD	ND	25.00	26.29	105	25.09	100	50-135	5	0-25	
4,4'-DDE	ND	25.00	25.85	103	24.52	98	50-135	5	0-25	
4,4'-DDT	ND	25.00	25.24	101	24.05	96	50-135	5	0-25	
Delta-BHC	ND	25.00	25.22	101	23.53	94	50-135	7	0-25	
Dieldrin	ND	25.00	25.48	102	23.80	95	50-135	7	0-25	
Endosulfan I	ND	25.00	24.07	96	22.98	92	50-135	5	0-25	
Endosulfan II	ND	25.00	26.14	105	24.52	98	50-135	6	0-25	
Endosulfan Sulfate	ND	25.00	24.08	96	22.94	92	50-135	5	0-25	
Endrin	ND	25.00	29.00	116	27.75	111	50-135	4	0-25	
Endrin Aldehyde	ND	25.00	23.39	94	22.68	91	50-135	3	0-25	
Gamma-BHC	ND	25.00	23.44	94	22.65	91	50-135	3	0-25	
Heptachlor	ND	25.00	24.03	96	23.35	93	50-135	3	0-25	
Heptachlor Epoxide	ND	25.00	23.96	96	22.95	92	50-135	4	0-25	
Methoxychlor	ND	25.00	25.40	102	25.27	101	50-135	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2033
San Diego, CA 92108-1350	Preparation:	EPA 3545
	Method:	EPA 8082
Project: UTAS - Due Diligence / 43559		Page 8 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-50	**Sample**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 07:25**	**160705S20**
16-06-2175-50	**Matrix Spike**	**Solid**	**GC 58**	**07/05/16**	**07/06/16 21:49**	**160705S20**
16-06-2175-50	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**07/05/16**	**07/06/16 22:07**	**160705S20**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	95.00	95	92.50	92	50-135	3	0-20	
Aroclor-1260	ND	100.0	95.00	95	93.50	94	50-135	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 9 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2036-9	**Sample**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 11:36**	**160706S004**
16-06-2036-9	**Matrix Spike**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 13:41**	**160706S004**
16-06-2036-9	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 14:12**	**160706S004**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	10.00	10.43	104	10.56	106	51-163	1	0-82	
Benzene	ND	10.00	10.27	103	10.61	106	77-121	3	0-21	
Bromobenzene	ND	10.00	10.42	104	10.66	107	78-120	2	0-20	
Bromochloromethane	ND	10.00	9.939	99	10.19	102	71-135	3	0-28	
Bromodichloromethane	ND	10.00	10.72	107	11.12	111	72-129	4	0-26	
Bromoform	ND	10.00	10.70	107	11.53	115	61-140	8	0-22	
Bromomethane	ND	10.00	8.763	88	9.140	91	63-140	4	0-36	
2-Butanone	ND	10.00	9.801	98	10.45	105	55-138	6	0-45	
n-Butylbenzene	ND	10.00	10.61	106	10.75	107	67-127	1	0-26	
sec-Butylbenzene	ND	10.00	10.57	106	10.56	106	66-122	0	0-26	
tert-Butylbenzene	ND	10.00	10.51	105	10.67	107	73-120	2	0-26	
Carbon Disulfide	ND	10.00	8.704	87	9.193	92	27-170	5	0-36	
Carbon Tetrachloride	ND	10.00	10.50	105	10.71	107	64-135	2	0-31	
Chlorobenzene	ND	10.00	10.20	102	10.44	104	80-120	2	0-20	
Chloroethane	ND	10.00	9.489	95	10.04	100	67-131	6	0-35	
2-Chloroethyl Vinyl Ether	ND	10.00	1.080	11	1.131	11	60-139	5	0-90	3
Chloroform	ND	10.00	9.979	100	10.54	105	75-126	5	0-20	
Chloromethane	ND	10.00	11.03	110	11.36	114	54-143	3	0-41	
2-Chlorotoluene	ND	10.00	10.54	105	10.62	106	64-123	1	0-34	
4-Chlorotoluene	ND	10.00	10.53	105	10.61	106	67-126	1	0-23	
Dibromochloromethane	ND	10.00	10.53	105	11.17	112	76-132	6	0-23	
1,2-Dibromo-3-Chloropropane	ND	10.00	10.62	106	10.82	108	65-125	2	0-31	
1,2-Dibromoethane	ND	10.00	10.18	102	10.37	104	74-130	2	0-22	
Dibromomethane	ND	10.00	10.21	102	10.40	104	75-127	2	0-29	
1,2-Dichlorobenzene	ND	10.00	10.61	106	10.76	108	78-120	1	0-19	
1,3-Dichlorobenzene	ND	10.00	10.21	102	10.52	105	75-120	3	0-22	
1,4-Dichlorobenzene	ND	10.00	10.13	101	10.42	104	78-120	3	0-21	
Dichlorodifluoromethane	ND	10.00	9.340	93	9.717	97	25-168	4	0-41	
1,1-Dichloroethane	ND	10.00	9.302	93	10.39	104	63-144	11	0-32	
1,2-Dichloroethane	ND	10.00	10.15	101	10.36	104	72-130	2	0-25	
1,1-Dichloroethene	ND	10.00	9.096	91	9.688	97	66-130	6	0-32	
c-1,2-Dichloroethene	ND	10.00	9.785	98	10.18	102	76-123	4	0-32	
t-1,2-Dichloroethene	ND	10.00	9.764	98	9.386	94	67-129	4	0-35	
Acetonitrile	ND	20.00	18.16	91	16.47	82	70-130	10	0-35	
1,2-Dichloropropane	ND	10.00	10.42	104	10.75	107	74-122	3	0-24	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acrolein	ND	20.00	15.39	77	17.13	86	70-130	11	0-35	
Acrylonitrile	ND	10.00	9.432	94	8.392	84	65-149	12	0-89	
1,3-Dichloropropane	ND	10.00	10.38	104	10.66	107	74-128	3	0-21	
2,2-Dichloropropane	ND	10.00	9.375	94	9.377	94	68-125	0	0-40	
Allyl Chloride	ND	10.00	8.779	88	8.277	83	70-130	6	0-35	
1,1-Dichloropropene	ND	10.00	9.653	97	10.04	100	68-119	4	0-26	
c-1,3-Dichloropropene	ND	10.00	9.739	97	10.24	102	76-126	5	0-24	
t-1,3-Dichloropropene	ND	10.00	9.762	98	10.34	103	71-127	6	0-22	
Ethylbenzene	ND	10.00	10.49	105	10.60	106	78-120	1	0-23	
2-Hexanone	ND	10.00	9.618	96	10.36	104	61-137	7	0-36	
Isopropylbenzene	ND	10.00	10.50	105	10.65	107	71-123	1	0-24	
p-Isopropyltoluene	ND	10.00	11.06	111	11.14	111	68-122	1	0-25	
Methylene Chloride	ND	10.00	9.642	96	9.084	91	71-129	6	0-30	
4-Methyl-2-Pentanone	ND	10.00	9.870	99	10.22	102	60-136	4	0-41	
Naphthalene	ND	10.00	11.20	112	11.56	116	55-159	3	0-30	
n-Propylbenzene	ND	10.00	10.66	107	10.60	106	64-125	1	0-35	
Styrene	ND	10.00	10.59	106	10.89	109	77-120	3	0-23	
Chloroprene	ND	10.00	9.747	97	10.70	107	70-130	9	0-35	
1,1,1,2-Tetrachloroethane	ND	10.00	10.78	108	11.30	113	79-123	5	0-20	
1,1,2,2-Tetrachloroethane	ND	10.00	10.85	108	11.01	110	67-132	1	0-25	
Tetrachloroethene	ND	10.00	9.596	96	9.645	96	72-119	1	0-24	
Toluene	ND	10.00	10.33	103	10.57	106	78-120	2	0-25	
1,2,3-Trichlorobenzene	ND	10.00	10.88	109	11.05	110	70-129	1	0-27	
Ethyl Methacrylate	ND	10.00	10.23	102	10.66	107	70-130	4	0-35	
1,2,4-Trichlorobenzene	ND	10.00	10.44	104	10.64	106	71-128	2	0-26	
1,1,1-Trichloroethane	ND	10.00	9.812	98	10.03	100	66-130	2	0-30	
Hexachloro-1,3-Butadiene	ND	10.00	11.16	112	10.80	108	52-128	3	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10.00	9.698	97	10.24	102	52-145	5	0-35	
1,1,2-Trichloroethane	ND	10.00	10.45	105	10.70	107	77-124	2	0-25	
Iodomethane	ND	20.00	14.31	72	15.17	76	70-130	6	0-35	
Trichloroethene	7.942	10.00	18.15	102	18.12	102	75-116	0	0-24	
Trichlorofluoromethane	ND	10.00	9.888	99	10.44	104	62-146	5	0-36	
Isobutyl Alcohol	ND	20.00	11.52	58	16.42	82	70-130	35	0-35	3
1,2,3-Trichloropropane	ND	10.00	10.74	107	10.88	109	80-120	1	0-20	
1,2,4-Trimethylbenzene	ND	10.00	10.94	109	11.22	112	70-127	3	0-23	
Methacrylonitrile	ND	10.00	9.439	94	9.854	99	70-130	4	0-35	
Methyl Methacrylate	ND	10.00	9.738	97	10.47	105	70-130	7	0-35	
1,3,5-Trimethylbenzene	ND	10.00	11.00	110	10.93	109	72-124	1	0-23	
Vinyl Acetate	ND	10.00	7.550	75	9.474	95	45-164	23	0-74	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2033
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 11 of 13

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Vinyl Chloride	ND	10.00	9.944	99	10.41	104	60-141	5	0-34	
p/m-Xylene	ND	20.00	21.19	106	21.54	108	74-122	2	0-23	
o-Xylene	ND	10.00	10.65	106	10.80	108	74-122	1	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.650	97	9.508	95	57-144	1	0-31	
t-1,4-Dichloro-2-Butene	ND	10.00	10.36	104	10.29	103	70-130	1	0-35	
Tetrahydrofuran	ND	10.00	10.19	102	8.780	88	70-130	15	0-35	
Propionitrile	ND	10.00	9.786	98	9.940	99	70-130	2	0-35	
Tert-Butyl Alcohol (TBA)	ND	50.00	57.96	116	61.24	122	43-170	5	0-38	
Diisopropyl Ether (DIPE)	ND	10.00	9.440	94	10.72	107	70-130	13	0-35	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	9.091	91	9.934	99	70-130	9	0-35	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	9.189	92	9.519	95	70-130	4	0-35	

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-13-01	**Sample**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 11:24**	**160701S002**
BB-13-01	**Matrix Spike**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 11:52**	**160701S002**
BB-13-01	**Matrix Spike Duplicate**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 12:19**	**160701S002**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	45.75	91	46.88	94	70-130	2	0-20	
Benzene	ND	50.00	45.31	91	45.53	91	61-127	0	0-20	
Bromobenzene	ND	50.00	50.05	100	50.29	101	70-130	0	0-20	
Bromochloromethane	ND	50.00	44.60	89	41.57	83	70-130	7	0-20	
Bromodichloromethane	ND	50.00	47.72	95	48.33	97	70-130	1	0-20	
Bromoform	ND	50.00	47.91	96	46.81	94	70-130	2	0-20	
Bromomethane	ND	50.00	51.95	104	56.37	113	70-130	8	0-20	
2-Butanone	ND	50.00	43.15	86	40.54	81	70-130	6	0-20	
n-Butylbenzene	ND	50.00	45.64	91	46.41	93	77-123	2	0-25	
sec-Butylbenzene	ND	50.00	46.21	92	46.30	93	70-130	0	0-20	
tert-Butylbenzene	ND	50.00	46.03	92	45.95	92	70-130	0	0-20	
Carbon Disulfide	ND	50.00	43.07	86	43.71	87	70-130	1	0-20	
Carbon Tetrachloride	ND	50.00	46.85	94	47.59	95	51-135	2	0-29	
Chlorobenzene	ND	50.00	47.10	94	46.80	94	57-123	1	0-20	
Chloroethane	ND	50.00	56.40	113	61.89	124	70-130	9	0-20	
Chloroform	ND	50.00	43.36	87	44.49	89	70-130	3	0-20	
Chloromethane	ND	50.00	44.12	88	46.49	93	70-130	5	0-20	
2-Chlorotoluene	ND	50.00	47.09	94	48.57	97	70-130	3	0-20	
4-Chlorotoluene	ND	50.00	46.07	92	45.92	92	70-130	0	0-20	
Dibromochloromethane	ND	50.00	48.60	97	48.18	96	70-130	1	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	46.79	94	44.82	90	70-130	4	0-20	
1,2-Dibromoethane	ND	50.00	49.25	98	48.10	96	64-124	2	0-20	
Dibromomethane	ND	50.00	46.15	92	45.61	91	70-130	1	0-20	
1,2-Dichlorobenzene	ND	50.00	46.67	93	46.30	93	35-131	1	0-25	
1,3-Dichlorobenzene	ND	50.00	46.80	94	46.99	94	70-130	0	0-20	
1,4-Dichlorobenzene	ND	50.00	46.66	93	45.96	92	70-130	2	0-20	
Dichlorodifluoromethane	ND	50.00	40.02	80	40.11	80	70-130	0	0-20	
1,1-Dichloroethane	ND	50.00	43.30	87	43.56	87	70-130	1	0-20	
1,2-Dichloroethane	ND	50.00	43.17	86	43.42	87	70-130	1	0-20	
1,1-Dichloroethene	ND	50.00	42.83	86	44.06	88	47-143	3	0-25	
c-1,2-Dichloroethene	ND	50.00	43.78	88	44.41	89	70-130	1	0-20	
t-1,2-Dichloroethene	ND	50.00	45.82	92	46.25	93	70-130	1	0-20	
1,2-Dichloropropane	ND	50.00	45.93	92	46.50	93	79-115	1	0-25	
1,3-Dichloropropane	ND	50.00	46.28	93	45.26	91	70-130	2	0-20	
2,2-Dichloropropane	ND	50.00	44.15	88	42.78	86	70-130	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	43.96	88	44.35	89	70-130	1	0-20	
c-1,3-Dichloropropene	ND	50.00	46.44	93	46.69	93	70-130	1	0-20	
t-1,3-Dichloropropene	ND	50.00	48.96	98	47.55	95	70-130	3	0-20	
Ethylbenzene	ND	50.00	48.12	96	48.10	96	57-129	0	0-22	
2-Hexanone	ND	50.00	46.01	92	44.30	89	70-130	4	0-20	
Isopropylbenzene	ND	50.00	49.07	98	49.41	99	70-130	1	0-20	
p-Isopropyltoluene	ND	50.00	47.01	94	47.35	95	70-130	1	0-20	
Methylene Chloride	ND	50.00	43.82	88	43.99	88	70-130	0	0-20	
4-Methyl-2-Pentanone	ND	50.00	46.42	93	43.43	87	70-130	7	0-20	
Naphthalene	ND	50.00	47.07	94	46.78	94	70-130	1	0-20	
n-Propylbenzene	ND	50.00	47.65	95	48.11	96	70-130	1	0-20	
Styrene	ND	50.00	49.20	98	48.87	98	70-130	1	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	50.78	102	50.45	101	70-130	1	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	46.48	93	43.31	87	70-130	7	0-20	
Tetrachloroethene	ND	50.00	54.00	108	57.91	116	70-130	7	0-20	
Toluene	ND	50.00	46.26	93	46.22	92	63-123	0	0-20	
1,2,3-Trichlorobenzene	ND	50.00	45.37	91	46.42	93	70-130	2	0-20	
1,2,4-Trichlorobenzene	ND	50.00	47.34	95	47.41	95	70-130	0	0-20	
1,1,1-Trichloroethane	ND	50.00	44.53	89	45.40	91	70-130	2	0-20	
1,1,2-Trichloroethane	ND	50.00	46.60	93	46.15	92	70-130	1	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	45.72	91	47.37	95	70-130	4	0-20	
Trichloroethene	ND	50.00	46.50	93	47.29	95	44-158	2	0-20	
1,2,3-Trichloropropane	ND	50.00	49.27	99	46.96	94	70-130	5	0-20	
1,2,4-Trimethylbenzene	ND	50.00	45.76	92	45.81	92	70-130	0	0-20	
Trichlorofluoromethane	ND	50.00	50.11	100	51.27	103	70-130	2	0-20	
1,3,5-Trimethylbenzene	ND	50.00	48.60	97	49.47	99	70-130	2	0-20	
Vinyl Acetate	ND	50.00	27.39	55	19.32	39	70-130	35	0-20	3,4
Vinyl Chloride	ND	50.00	56.61	113	60.91	122	49-139	7	0-47	
p/m-Xylene	ND	100.0	95.22	95	95.44	95	70-130	0	0-20	
o-Xylene	ND	50.00	48.25	96	48.88	98	70-130	1	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	44.60	89	43.98	88	57-123	1	0-21	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2032-5	**Sample**	**Solid**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 13:56**	**160702S02**
16-06-2032-5	**PDS**	**Solid**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 13:59**	**160702S02**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	24.59	98	75-125	
Arsenic	3.444	25.00	28.03	98	75-125	
Barium	66.21	25.00	91.42	101	75-125	
Beryllium	0.2804	25.00	24.77	98	75-125	
Cadmium	0.7340	25.00	24.74	96	75-125	
Chromium	14.93	25.00	39.28	97	75-125	
Cobalt	7.509	25.00	31.83	97	75-125	
Copper	27.94	25.00	53.27	101	75-125	
Lead	21.34	25.00	46.60	101	75-125	
Molybdenum	ND	25.00	24.25	97	75-125	
Nickel	8.202	25.00	33.41	101	75-125	
Selenium	ND	25.00	24.71	99	75-125	
Silver	ND	12.50	12.41	99	75-125	
Thallium	ND	25.00	24.08	96	75-125	
Vanadium	40.39	25.00	64.68	97	75-125	
Zinc	61.34	25.00	85.83	98	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**PDS**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:04**	**160630SA2**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	0.5000	0.5056	101	75-125	
Arsenic	ND	0.5000	0.5028	101	75-125	
Barium	0.02259	0.5000	0.5211	100	75-125	
Beryllium	ND	0.5000	0.4994	100	75-125	
Cadmium	ND	0.5000	0.5080	102	75-125	
Chromium	ND	0.5000	0.4975	99	75-125	
Cobalt	ND	0.5000	0.5163	103	75-125	
Copper	ND	0.5000	0.5165	103	75-125	
Lead	ND	0.5000	0.4830	97	75-125	
Molybdenum	0.02077	0.5000	0.5206	100	75-125	
Nickel	ND	0.5000	0.4890	98	75-125	
Selenium	ND	0.5000	0.4911	98	75-125	
Silver	ND	0.2500	0.2516	101	75-125	
Thallium	ND	0.5000	0.4828	97	75-125	
Vanadium	0.05304	0.5000	0.5554	100	75-125	
Zinc	0.01178	0.5000	0.5512	108	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 7470A Filt.
Method: EPA 7470A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
BB-11-GW	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:19**	**160706SA1**
BB-11-GW	**PDS**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:50**	**160706SA1**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.01000	0.008861	89	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2032-5	**Sample**	**Solid**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 11:54**	**160706S04**
16-06-2032-5	**PDS**	**Solid**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 12:57**	**160706S04**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.8350	0.8850	106	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	N/A
		Method:	ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-06-2031-1	**Sample**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 19:00**	**G0629MOID4**
16-06-2031-1	**Sample Duplicate**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 19:00**	**G0629MOID4**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	3.500	3.400	3	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8310
Project: UTAS - Due Diligence / 43559			Page 1 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-07-002-1879	**LCS**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:34**	**160702L06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	100.0	111.0	111	17-203	0-234	
Acenaphthylene	100.0	74.49	74	50-120	38-132	
Acenaphthene	100.0	67.86	68	41-120	28-133	
Fluorene	100.0	68.67	69	51-120	40-132	
Phenanthrene	100.0	72.34	72	56-120	45-131	
Anthracene	100.0	68.27	68	49-120	37-132	
Fluoranthene	100.0	76.06	76	60-120	50-130	
Pyrene	100.0	84.09	84	61-121	51-131	
Benzo (a) Anthracene	100.0	82.09	82	61-121	51-131	
Chrysene	100.0	79.59	80	61-121	51-131	
Benzo (b) Fluoranthene	100.0	78.09	78	61-121	51-131	
Benzo (k) Fluoranthene	100.0	73.51	74	57-129	45-141	
Benzo (a) Pyrene	100.0	75.84	76	43-120	30-133	
Dibenz (a,h) Anthracene	100.0	76.90	77	59-125	48-136	
Benzo (g,h,i) Perylene	100.0	83.03	83	57-123	46-134	
Indeno (1,2,3-c,d) Pyrene	100.0	79.05	79	64-130	53-141	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2143	**LCS**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 16:28**	**160630B04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	360.8	90	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 3 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22886	**LCS**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:24**	**160702L02U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	25.33	101	80-120	73-127	
Arsenic	25.00	24.98	100	80-120	73-127	
Barium	25.00	26.83	107	80-120	73-127	
Beryllium	25.00	24.39	98	80-120	73-127	
Cadmium	25.00	25.75	103	80-120	73-127	
Chromium	25.00	26.31	105	80-120	73-127	
Cobalt	25.00	26.56	106	80-120	73-127	
Copper	25.00	26.11	104	80-120	73-127	
Lead	25.00	26.32	105	80-120	73-127	
Molybdenum	25.00	25.22	101	80-120	73-127	
Nickel	25.00	27.24	109	80-120	73-127	
Selenium	25.00	23.45	94	80-120	73-127	
Silver	12.50	12.88	103	80-120	73-127	
Thallium	25.00	26.52	106	80-120	73-127	
Vanadium	25.00	25.03	100	80-120	73-127	
Zinc	25.00	27.48	110	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 4 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-460-98	**LCS**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:29**	**160630LA2U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	0.5000	0.4709	94	80-120	73-127	
Arsenic	0.5000	0.4486	90	80-120	73-127	
Barium	0.5000	0.4910	98	80-120	73-127	
Beryllium	0.5000	0.4458	89	80-120	73-127	
Cadmium	0.5000	0.4796	96	80-120	73-127	
Chromium	0.5000	0.4805	96	80-120	73-127	
Cobalt	0.5000	0.5087	102	80-120	73-127	
Copper	0.5000	0.4784	96	80-120	73-127	
Lead	0.5000	0.4913	98	80-120	73-127	
Molybdenum	0.5000	0.4732	95	80-120	73-127	
Nickel	0.5000	0.4797	96	80-120	73-127	
Selenium	0.5000	0.4394	88	80-120	73-127	
Silver	0.2500	0.2368	95	80-120	73-127	
Thallium	0.5000	0.4896	98	80-120	73-127	
Vanadium	0.5000	0.4589	92	80-120	73-127	
Zinc	0.5000	0.4847	97	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 5 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-456-3	**LCS**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:16**	**160706LA1F**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.01000	0.01003	100	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 6 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-45	**LCS**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:46**	**160706L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.7925	95	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8081A
Project: UTAS - Due Diligence / 43559			Page 7 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-2463	**LCS**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 13:31**	**160705L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	21.00	84	50-135	36-149	
Alpha-BHC	25.00	20.87	83	50-135	36-149	
Beta-BHC	25.00	21.05	84	50-135	36-149	
4,4'-DDD	25.00	26.47	106	50-135	36-149	
4,4'-DDE	25.00	23.99	96	50-135	36-149	
4,4'-DDT	25.00	26.34	105	50-135	36-149	
Delta-BHC	25.00	23.55	94	50-135	36-149	
Dieldrin	25.00	23.98	96	50-135	36-149	
Endosulfan I	25.00	22.01	88	50-135	36-149	
Endosulfan II	25.00	27.68	111	50-135	36-149	
Endosulfan Sulfate	25.00	27.28	109	50-135	36-149	
Endrin	25.00	26.76	107	50-135	36-149	
Endrin Aldehyde	25.00	25.67	103	50-135	36-149	
Gamma-BHC	25.00	21.41	86	50-135	36-149	
Heptachlor	25.00	22.91	92	50-135	36-149	
Heptachlor Epoxide	25.00	22.78	91	50-135	36-149	
Methoxychlor	25.00	30.50	122	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8082
Project: UTAS - Due Diligence / 43559			Page 8 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-3810	**LCS**	**Solid**	**GC 58**	**07/05/16**	**07/06/16 20:55**	**160705L20**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	84.50	84	50-135	
Aroclor-1260	100.0	88.50	88	50-135	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-446-107	**LCS**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 09:59**	**160706L009**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	10.00	6.703	67	51-163	32-182	
Benzene	10.00	9.513	95	77-121	70-128	
Bromobenzene	10.00	9.375	94	78-120	71-127	
Bromochloromethane	10.00	9.106	91	71-135	60-146	
Bromodichloromethane	10.00	10.04	100	72-129	62-138	
Bromoform	10.00	10.25	102	61-140	48-153	
Bromomethane	10.00	8.378	84	63-140	50-153	
2-Butanone	10.00	7.833	78	55-138	41-152	
n-Butylbenzene	10.00	10.75	107	67-127	57-137	
sec-Butylbenzene	10.00	10.43	104	66-122	57-131	
tert-Butylbenzene	10.00	10.27	103	73-120	65-128	
Carbon Disulfide	10.00	8.565	86	27-170	3-194	
Carbon Tetrachloride	10.00	10.32	103	64-135	52-147	
Chlorobenzene	10.00	9.502	95	80-120	73-127	
Chloroethane	10.00	9.102	91	67-131	56-142	
2-Chloroethyl Vinyl Ether	10.00	3.350	33	60-139	47-152	X
Chloroform	10.00	9.345	93	75-126	66-134	
Chloromethane	10.00	9.868	99	54-143	39-158	
2-Chlorotoluene	10.00	9.820	98	64-123	54-133	
4-Chlorotoluene	10.00	9.997	100	67-126	57-136	
Dibromochloromethane	10.00	9.809	98	76-132	67-141	
1,2-Dibromo-3-Chloropropane	10.00	9.259	93	65-125	55-135	
1,2-Dibromoethane	10.00	8.976	90	74-130	65-139	
Dibromomethane	10.00	8.861	89	75-127	66-136	
1,2-Dichlorobenzene	10.00	9.829	98	78-120	71-127	
1,3-Dichlorobenzene	10.00	9.818	98	75-120	68-128	
1,4-Dichlorobenzene	10.00	9.701	97	78-120	71-127	
Dichlorodifluoromethane	10.00	10.51	105	25-168	1-192	
1,1-Dichloroethane	10.00	8.793	88	63-144	50-158	
1,2-Dichloroethane	10.00	8.961	90	72-130	62-140	
1,1-Dichloroethene	10.00	8.777	88	66-130	55-141	
c-1,2-Dichloroethene	10.00	9.179	92	76-123	68-131	
t-1,2-Dichloroethene	10.00	9.328	93	67-129	57-139	
Acetonitrile	20.00	17.47	87	70-130	60-140	
1,2-Dichloropropane	10.00	9.392	94	74-122	66-130	
Acrolein	20.00	19.50	98	70-130	60-140	
Acrylonitrile	10.00	7.961	80	65-149	51-163	
1,3-Dichloropropane	10.00	9.017	90	74-128	65-137	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
2,2-Dichloropropane	10.00	9.560	96	68-125	58-134	
Allyl Chloride	10.00	8.626	86	70-130	60-140	
1,1-Dichloropropene	10.00	9.240	92	68-119	60-128	
c-1,3-Dichloropropene	10.00	9.260	93	76-126	68-134	
t-1,3-Dichloropropene	10.00	9.274	93	71-127	62-136	
Ethylbenzene	10.00	9.861	99	78-120	71-127	
2-Hexanone	10.00	7.759	78	61-137	48-150	
Isopropylbenzene	10.00	9.939	99	71-123	62-132	
p-Isopropyltoluene	10.00	10.77	108	68-122	59-131	
Methylene Chloride	10.00	9.002	90	71-129	61-139	
4-Methyl-2-Pentanone	10.00	7.816	78	60-136	47-149	
Naphthalene	10.00	9.336	93	55-159	38-176	
n-Propylbenzene	10.00	10.03	100	64-125	54-135	
Styrene	10.00	9.816	98	77-120	70-127	
Chloroprene	10.00	9.420	94	70-130	60-140	
1,1,1,2-Tetrachloroethane	10.00	10.42	104	79-123	72-130	
1,1,2,2-Tetrachloroethane	10.00	9.345	93	67-132	56-143	
Tetrachloroethene	10.00	9.257	93	72-119	64-127	
Toluene	10.00	9.658	97	78-120	71-127	
1,2,3-Trichlorobenzene	10.00	9.747	97	70-129	60-139	
Ethyl Methacrylate	10.00	8.339	83	70-130	60-140	
1,2,4-Trichlorobenzene	10.00	9.722	97	71-128	62-138	
1,1,1-Trichloroethane	10.00	9.441	94	66-130	55-141	
Hexachloro-1,3-Butadiene	10.00	11.51	115	52-128	39-141	
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.00	10.05	100	52-145	36-160	
1,1,2-Trichloroethane	10.00	9.021	90	77-124	69-132	
Iodomethane	20.00	15.15	76	70-130	60-140	
Trichloroethene	10.00	9.350	93	75-116	68-123	
Trichlorofluoromethane	10.00	10.41	104	62-146	48-160	
Isobutyl Alcohol	20.00	12.46	62	70-130	60-140	ME
1,2,3-Trichloropropane	10.00	8.988	90	80-120	73-127	
1,2,4-Trimethylbenzene	10.00	10.68	107	70-127	60-136	
Methacrylonitrile	10.00	7.842	78	70-130	60-140	
Methyl Methacrylate	10.00	8.084	81	70-130	60-140	
1,3,5-Trimethylbenzene	10.00	10.35	104	72-124	63-133	
Vinyl Acetate	10.00	5.614	56	45-164	25-184	
Vinyl Chloride	10.00	9.663	97	60-141	46-154	
p/m-Xylene	20.00	19.95	100	74-122	66-130	
o-Xylene	10.00	9.861	99	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)	10.00	8.136	81	57-144	42-158	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2033
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 11 of 13

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
t-1,4-Dichloro-2-Butene	10.00	8.856	89	70-130	60-140	
Tetrahydrofuran	10.00	7.772	78	70-130	60-140	
Propionitrile	10.00	8.447	84	70-130	60-140	
Tert-Butyl Alcohol (TBA)	50.00	52.06	104	43-170	22-191	
Diisopropyl Ether (DIPE)	10.00	8.576	86	70-130	60-140	
Ethyl-t-Butyl Ether (ETBE)	10.00	8.101	81	70-130	60-140	
Tert-Amyl-Methyl Ether (TAME)	10.00	7.546	75	70-130	60-140	

Total number of LCS compounds: 85
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-574	**LCS**	**Solid**	**GC/MS BB**	**07/01/16**	**07/01/16 09:30**	**160701L002**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	50.63	101	70-130	60-140	
Benzene	50.00	49.15	98	78-120	71-127	
Bromobenzene	50.00	54.83	110	70-130	60-140	
Bromochloromethane	50.00	46.58	93	70-130	60-140	
Bromodichloromethane	50.00	51.26	103	70-130	60-140	
Bromoform	50.00	49.85	100	70-130	60-140	
Bromomethane	50.00	58.91	118	70-130	60-140	
2-Butanone	50.00	39.58	79	70-130	60-140	
n-Butylbenzene	50.00	52.14	104	77-123	69-131	
sec-Butylbenzene	50.00	51.30	103	70-130	60-140	
tert-Butylbenzene	50.00	51.77	104	70-130	60-140	
Carbon Disulfide	50.00	58.70	117	70-130	60-140	
Carbon Tetrachloride	50.00	50.40	101	49-139	34-154	
Chlorobenzene	50.00	51.57	103	79-120	72-127	
Chloroethane	50.00	67.04	134	70-130	60-140	ME
Chloroform	50.00	47.44	95	70-130	60-140	
Chloromethane	50.00	54.36	109	70-130	60-140	
2-Chlorotoluene	50.00	52.90	106	70-130	60-140	
4-Chlorotoluene	50.00	50.48	101	70-130	60-140	
Dibromochloromethane	50.00	51.19	102	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	46.53	93	70-130	60-140	
1,2-Dibromoethane	50.00	50.31	101	70-130	60-140	
Dibromomethane	50.00	47.90	96	70-130	60-140	
1,2-Dichlorobenzene	50.00	51.17	102	75-120	68-128	
1,3-Dichlorobenzene	50.00	51.81	104	70-130	60-140	
1,4-Dichlorobenzene	50.00	50.91	102	70-130	60-140	
Dichlorodifluoromethane	50.00	43.69	87	70-130	60-140	
1,1-Dichloroethane	50.00	47.14	94	70-130	60-140	
1,2-Dichloroethane	50.00	44.89	90	70-130	60-140	
1,1-Dichloroethene	50.00	51.67	103	74-122	66-130	
c-1,2-Dichloroethene	50.00	47.39	95	70-130	60-140	
t-1,2-Dichloroethene	50.00	48.75	98	70-130	60-140	
1,2-Dichloropropane	50.00	49.03	98	79-115	73-121	
1,3-Dichloropropane	50.00	47.78	96	70-130	60-140	
2,2-Dichloropropane	50.00	48.28	97	70-130	60-140	
1,1-Dichloropropene	50.00	47.00	94	70-130	60-140	
c-1,3-Dichloropropene	50.00	50.46	101	70-130	60-140	
t-1,3-Dichloropropene	50.00	52.30	105	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2033
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 13 of 13

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	52.10	104	76-120	69-127	
2-Hexanone	50.00	42.55	85	70-130	60-140	
Isopropylbenzene	50.00	53.73	107	70-130	60-140	
p-Isopropyltoluene	50.00	52.39	105	70-130	60-140	
Methylene Chloride	50.00	47.80	96	70-130	60-140	
4-Methyl-2-Pentanone	50.00	43.63	87	70-130	60-140	
Naphthalene	50.00	49.83	100	70-130	60-140	
n-Propylbenzene	50.00	53.35	107	70-130	60-140	
Styrene	50.00	53.66	107	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	54.29	109	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	45.65	91	70-130	60-140	
Tetrachloroethene	50.00	51.50	103	70-130	60-140	
Toluene	50.00	49.84	100	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	51.83	104	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	53.58	107	70-130	60-140	
1,1,1-Trichloroethane	50.00	47.99	96	70-130	60-140	
1,1,2-Trichloroethane	50.00	47.67	95	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	52.41	105	70-130	60-140	
Trichloroethene	50.00	50.25	100	70-130	60-140	
1,2,3-Trichloropropane	50.00	48.99	98	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	50.12	100	70-130	60-140	
Trichlorofluoromethane	50.00	54.42	109	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	54.06	108	70-130	60-140	
Vinyl Acetate	50.00	37.89	76	70-130	60-140	
Vinyl Chloride	50.00	63.37	127	68-122	59-131	ME
p/m-Xylene	100.0	104.6	105	70-130	60-140	
o-Xylene	50.00	52.72	105	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	45.76	92	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 2
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-2033 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 6010B	EPA 3005A Filt.	935	ICP 7300	1
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7470A	EPA 7470A Filt.	868	Mercury 04	1
EPA 7471A	EPA 7471A Total	868	Mercury 05	1
EPA 8015B (M)	EPA 3550B	682	GC 48	1
EPA 8081A	EPA 3545	669	GC 44	1
EPA 8082	EPA 3545	944	GC 58	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B	EPA 5030C	867	GC/MS BB	2
EPA 8310	EPA 3545	960	HPLC 5	1

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Glossary of Terms and Qualifiers

Work Order: 16-06-2033 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 1

LABORATORY CLIENT:
Haley & Aldrich

ADDRESS:
5333 Mission Center Road, Suite 200
San Diego, CA 92108

TEL: **619-285-7141** | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER:
UTAS - Due ~~Diligence~~ Diligence / 43559

PROJECT CONTACT:
Robert K. Scott

SAMPLER(S): (SIGNATURE)
Tyree Burns

COELT LOG CODE

P.O. NO.:

LAB USE ONLY
16-06-2033

COOLER RECEIPT
Temp = _____ °C

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS
UTC Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs	OCPs	Hold				CONTAINER TYPE
1		BB-13-01	6/28/16	0825	Soil	1	X	X	X	X			X					
2		BB-13-03		0827	Soil	1	X	X	X	X								
3		BB-13-10		0829	Soil	1	X	X	X	X				X				Hold Sample
4		BB-12-01		0843	Soil	1	X	X	X	X		X						
5		BB-12-03		0845	Soil	1	X	X	X	X				~~X~~ TB				
6		BB-12-10		0847	Soil	1	X	X	X	X				X				Hold Sample
7		BB-11-01		0903	Soil	1	X	X	X	X			X					
8		BB-11-03		0905	Soil	1	X	X	X	X								
9		BB-11-10		0907	Soil	1	X	X	X	X				X				Hold Sample
10		BB-11-GW		0915	Water	6	X	X										

Relinquished by: (Signature) Tyree Burns	Received by: (Signature) ECI	Date: 6/28/16	Time: 1545
Relinquished by: (Signature)	Received by: (Signature) ECI	Date: 062816	Time: 1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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WORK ORDER NUMBER: 16-06- 2033

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 06 / 28 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 671

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 671

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1013

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☑ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☑ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1013

Reviewed by: 671 / 1058

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Supplemental Report 1

Additional requested analyses are reported as a stand-alone report.

WORK ORDER NUMBER: 16-06-2033

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/26/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Narrative

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/28/16. They were assigned to Work Order 16-06-2033.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		PO Number:	
		Date/Time Received:	06/28/16 19:00
		Number of Containers:	10
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-11-10	16-06-2033-9	06/28/16 09:07	1	Solid

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2033
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 1 of 1

Client SampleID Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-11-10 (16-06-2033-9)						
Lead	1.18		0.493	mg/kg	EPA 6010B	EPA 3050B

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-11-10	**16-06-2033-9-AA**	**06/28/16 09:07**	**Solid**	**ICP 7300**	**07/23/16**	**07/25/16 10:59**	**160723L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Lead	1.18	0.493	0.130	0.985	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22984**	**N/A**	**Solid**	**ICP 7300**	**07/23/16**	**07/25/16 10:43**	**160723L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Lead	ND	0.508	0.134	1.02	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-11-10	**Sample**	**Solid**	**ICP 7300**	**07/23/16**	**07/25/16 10:59**	**160723S03**
BB-11-10	**Matrix Spike**	**Solid**	**ICP 7300**	**07/23/16**	**07/25/16 11:01**	**160723S03**
BB-11-10	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**07/23/16**	**07/25/16 11:02**	**160723S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Lead	1.182	25.00	27.98	107	28.82	111	75-125	3	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2033
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
BB-11-10	**Sample**	**Solid**	**ICP 7300**	**07/23/16 00:00**	**07/25/16 10:59**	**160723S03**
BB-11-10	**PDS**	**Solid**	**ICP 7300**	**07/23/16 00:00**	**07/25/16 11:03**	**160723S03**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Lead	1.182	25.00	25.93	99	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2033
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22984	**LCS**	**Solid**	**ICP 7300**	**07/23/16**	**07/25/16 10:45**	**160723L03U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Lead	25.00	27.06	108	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-2033 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 6010B	EPA 3050B	935	ICP 7300	1

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Glossary of Terms and Qualifiers

Work Order: 16-06-2033 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Virendra Patel

From: Burns, Tyree <tburns01@haleyaldrich.com>
Sent: Friday, July 22, 2016 11:29 AM
To: Virendra Patel
Cc: Erick Ovalle; Scott, Bob
Subject: 16-06-2033-9 (sample ID BB-11-10) - Lead Analysis

Hi Virendra,

Can you please have sample 16-06-2033-9 (sample ID BB-11-10) released from hold for lead analysis. We only need lead, not all Title 22 Metals.

Please process this sample on a 48 hr TAT.

Thanks!

Tyree Burns
Technical Specialist

Haley & Aldrich, Inc.
5333 Mission Center Road | Suite 300
San Diego, California 92108

T: (619) 285.7133
C: (858)610.2077

www.haleyaldrich.com

Notify us here to report this email as spam.

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 1

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200
San Diego, CA 92108

TEL: 619-285-7141 | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due ~~Diligence~~ Diligence / 43559

PROJECT CONTACT: Robert K. Scott

SAMPLER(S): (SIGNATURE) Tyree Burns

COELT LOG CODE

P.O. NO.:

LAB USE ONLY: 16-06-2033

COOLER RECEIPT Temp = _____ °C

TURNAROUND TIME: [ ] SAME DAY [ ] 24 HR [ ] 48HR [ ] 72 HR [X] 5 DAYS [ ] 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): [ ] RWQCB REPORTING [ ] COELT EDF [ ] _____

SPECIAL INSTRUCTIONS: UTC Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs	OCPs	Hold				CONTAINER TYPE
1		BB-13-01	6/28/16	0825	Soil	1	X	X	X	X			X					
2		BB-13-03		0827	Soil	1	X	X	X	X								
3		BB-13-10		0829	Soil	1	X	X	X	X				X				Hold Sample
4		BB-12-01		0843	Soil	1	X	X	X	X		X						
5		BB-12-03		0845	Soil	1	X	X	X	X				~~X~~ TB				
6		BB-12-10		0847	Soil	1	X	X	X	X				X				Hold Sample
7		BB-11-01		0903	Soil	1	X	X	X	X			X					
8		BB-11-03		0905	Soil	1	X	X	X	X								
9		BB-11-10		0907	Soil	1	X	X	X	X				X				Hold Sample
10		BB-11-GW		0915	Water	6	X	X										

Relinquished by: (Signature) Tyree Burns	Received by: (Signature) ECI	Date: 6/28/16	Time: 1545
Relinquished by: (Signature)	Received by: (Signature) ECI	Date: 062816	Time: 1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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WORK ORDER NUMBER: 16-06- 2033

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 06 / 28 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 671

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 671

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1013

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☑ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☑ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1013

Reviewed by: 671 / 1058

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WORK ORDER NUMBER: 16-06-2034

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/14/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Narrative

Work Order: 16-06-2034 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/28/16. They were assigned to Work Order 16-06-2034.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-06-2034

EPA Method 6010B Total Metals:

Project Required Detection Limit (PRDL):

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Silver, Selenium, Thallium, and Zinc on 07/01/16 for aqueous samples.

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Chromium, Antimony, Selenium, and Zinc on 07/05/16 for soil samples.

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 6010B	
Batch #	Analytes(s)
160702S01	Antimony[3,4], Barium[Q] and Thallium[3]
160702S02	Antimony[3] and Barium[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.
Q: Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.

Table B: Post Digestion Spike (PDS) outside acceptable limits	
EPA Method 6010B	
Batch #	Analytes(s)
160702S01	Barium[Q]

Q: Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

EPA Method 8260B Volatile Organics:

Table C: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160629S007	2-Chloro Vinyl Ether[3]
160701S005	Vinyl Acetate[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

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Table D: Laboratory Control Sample (LCS) / LCS Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160629L007	Isobutyl Alcohol[ME]

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

EPA Method 8310 Polynuclear Aromatic Hydrocarbons:

Table E: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8310	
Batch #	Analytes(s)
160702S06	Benzo (a) Anthracene[3,4], Dibenz (a,h) Anthracene[3] and Indeno (1,2,3-c,d) Pyrene[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2034
		Project Name:	UTAS - Due Diligence / 43559
		PO Number:	
		Date/Time Received:	06/28/16 19:00
		Number of Containers:	15
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-03-01	16-06-2034-1	06/27/16 15:13	1	Solid
BB-03-03	16-06-2034-2	06/27/16 15:15	1	Solid
BB-03-10	16-06-2034-3	06/27/16 15:17	1	Solid
BB-06-01	16-06-2034-4	06/27/16 15:25	1	Solid
BB-06-03	16-06-2034-5	06/27/16 15:28	1	Solid
BB-06-10	16-06-2034-6	06/27/16 15:30	1	Solid
BB-09-01	16-06-2034-7	06/27/16 16:20	1	Solid
BB-09-04	16-06-2034-8	06/27/16 16:22	1	Solid
BB-09-10	16-06-2034-9	06/27/16 16:24	1	Solid
BB-09-GW	16-06-2034-10	06/27/16 17:00	6	Aqueous

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2034
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-03-01 (16-06-2034-1)						
Moisture	5.0		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	6.82		0.765	mg/kg	EPA 6010B	EPA 3050B
Barium	65.0		0.510	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.252	J	0.140*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.442	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Chromium	10.4		0.255	mg/kg	EPA 6010B	EPA 3050B
Cobalt	3.00		0.255	mg/kg	EPA 6010B	EPA 3050B
Copper	9.11		0.510	mg/kg	EPA 6010B	EPA 3050B
Lead	9.30		0.510	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.741		0.255	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.22		0.255	mg/kg	EPA 6010B	EPA 3050B
Selenium	0.483	J	0.306*	mg/kg	EPA 6010B	EPA 3050B
Silver	0.247	J	0.0875*	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.493	J	0.155*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	22.3		0.255	mg/kg	EPA 6010B	EPA 3050B
Zinc	54.4	B	1.02	mg/kg	EPA 6010B	EPA 3050B
C25-C28	67		49	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	200		49	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	210		49	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	200		49	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	94		49	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	780		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Fluoranthene	26		10	ug/kg	EPA 8310	EPA 3545
Pyrene	19		10	ug/kg	EPA 8310	EPA 3545
Chrysene	14		10	ug/kg	EPA 8310	EPA 3545
Benzo (b) Fluoranthene	36		10	ug/kg	EPA 8310	EPA 3545
Benzo (k) Fluoranthene	95		10	ug/kg	EPA 8310	EPA 3545
Benzo (a) Pyrene	11		10	ug/kg	EPA 8310	EPA 3545
Dibenz (a,h) Anthracene	660		10	ug/kg	EPA 8310	EPA 3545
Benzo (g,h,i) Perylene	31		10	ug/kg	EPA 8310	EPA 3545
Indeno (1,2,3-c,d) Pyrene	520		10	ug/kg	EPA 8310	EPA 3545

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* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2034
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 2 of 4

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-03-03 (16-06-2034-2)						
Moisture	6.6		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.52		0.743	mg/kg	EPA 6010B	EPA 3050B
Barium	68.8		0.495	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.309		0.248	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.269	J	0.134*	mg/kg	EPA 6010B	EPA 3050B
Chromium	12.1		0.248	mg/kg	EPA 6010B	EPA 3050B
Cobalt	6.82		0.248	mg/kg	EPA 6010B	EPA 3050B
Copper	8.45		0.495	mg/kg	EPA 6010B	EPA 3050B
Lead	3.91		0.495	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.79		0.248	mg/kg	EPA 6010B	EPA 3050B
Vanadium	35.0		0.248	mg/kg	EPA 6010B	EPA 3050B
Zinc	26.3	B	0.990	mg/kg	EPA 6010B	EPA 3050B
BB-06-01 (16-06-2034-4)						
Moisture	5.1		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	6.79		0.732	mg/kg	EPA 6010B	EPA 3050B
Barium	80.5		0.488	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.257		0.244	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.444	J	0.132*	mg/kg	EPA 6010B	EPA 3050B
Chromium	16.4		0.244	mg/kg	EPA 6010B	EPA 3050B
Cobalt	4.26		0.244	mg/kg	EPA 6010B	EPA 3050B
Copper	10.9		0.488	mg/kg	EPA 6010B	EPA 3050B
Lead	22.0		0.488	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	3.10		0.244	mg/kg	EPA 6010B	EPA 3050B
Nickel	6.56		0.244	mg/kg	EPA 6010B	EPA 3050B
Silver	0.263		0.244	mg/kg	EPA 6010B	EPA 3050B
Thallium	0.487	J	0.148*	mg/kg	EPA 6010B	EPA 3050B
Vanadium	30.5		0.244	mg/kg	EPA 6010B	EPA 3050B
Zinc	96.6	B	0.976	mg/kg	EPA 6010B	EPA 3050B
C23-C24	15	J	12*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	31	J	12*	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	120		49	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	180		49	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	140		49	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	53		49	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	540		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
4,4'-DDE	11		5.0	ug/kg	EPA 8081A	EPA 3545
4,4'-DDT	8.0		5.0	ug/kg	EPA 8081A	EPA 3545

* MDL is shown

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Detections Summary

Client: Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Work Order: 16-06-2034
Project Name: UTAS - Due Diligence / 43559
Received: 06/28/16

Attn: Robert K. Scott

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-06-03 (16-06-2034-5)						
Moisture	5.9		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.49		0.721	mg/kg	EPA 6010B	EPA 3050B
Barium	68.9		0.481	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.289		0.240	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.320	J	0.130*	mg/kg	EPA 6010B	EPA 3050B
Chromium	11.3		0.240	mg/kg	EPA 6010B	EPA 3050B
Cobalt	6.65		0.240	mg/kg	EPA 6010B	EPA 3050B
Copper	8.45		0.481	mg/kg	EPA 6010B	EPA 3050B
Lead	3.66		0.481	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.53		0.240	mg/kg	EPA 6010B	EPA 3050B
Vanadium	31.8		0.240	mg/kg	EPA 6010B	EPA 3050B
Zinc	24.9		0.962	mg/kg	EPA 6010B	EPA 3050B
BB-09-01 (16-06-2034-7)						
Moisture	15		0.10	%	ASTM D-2216 (M)	N/A
Antimony	0.490	J	0.146*	mg/kg	EPA 6010B	EPA 3050B
Arsenic	2.63		0.735	mg/kg	EPA 6010B	EPA 3050B
Barium	73.2		0.490	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.309		0.245	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.365	J	0.133*	mg/kg	EPA 6010B	EPA 3050B
Chromium	19.5		0.245	mg/kg	EPA 6010B	EPA 3050B
Cobalt	6.39		0.245	mg/kg	EPA 6010B	EPA 3050B
Copper	9.83		0.490	mg/kg	EPA 6010B	EPA 3050B
Lead	4.62		0.490	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.153	J	0.129*	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.07		0.245	mg/kg	EPA 6010B	EPA 3050B
Vanadium	61.3		0.245	mg/kg	EPA 6010B	EPA 3050B
Zinc	36.3		0.980	mg/kg	EPA 6010B	EPA 3050B
C19-C20	1.3	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C21-C22	2.7	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	3.5	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	7.3		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	19		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	25		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	23		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C41-C44	15		4.9	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	96		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2034
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 4 of 4

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-09-04 (16-06-2034-8)						
Moisture	12		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	0.423	J	0.249*	mg/kg	EPA 6010B	EPA 3050B
Barium	14.2		0.481	mg/kg	EPA 6010B	EPA 3050B
Chromium	3.46		0.240	mg/kg	EPA 6010B	EPA 3050B
Cobalt	1.28		0.240	mg/kg	EPA 6010B	EPA 3050B
Copper	2.45		0.481	mg/kg	EPA 6010B	EPA 3050B
Lead	0.741		0.481	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.167	J	0.127*	mg/kg	EPA 6010B	EPA 3050B
Nickel	1.20		0.240	mg/kg	EPA 6010B	EPA 3050B
Vanadium	11.6		0.240	mg/kg	EPA 6010B	EPA 3050B
Zinc	6.35		0.962	mg/kg	EPA 6010B	EPA 3050B
BB-09-GW (16-06-2034-10)						
Arsenic	0.00750	J	0.00438*	mg/L	EPA 6010B	EPA 3005A Filt.
Barium	0.0864		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Cobalt	0.0141		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Copper	0.00572	J	0.00267*	mg/L	EPA 6010B	EPA 3005A Filt.
Molybdenum	0.0682	B	0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Nickel	0.0145		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Selenium	0.00732	J	0.00699*	mg/L	EPA 6010B	EPA 3005A Filt.
Silver	0.00223	J	0.00139*	mg/L	EPA 6010B	EPA 3005A Filt.
Vanadium	0.00549	J	0.00244*	mg/L	EPA 6010B	EPA 3005A Filt.
Zinc	0.233		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Acetone	5.9	J	3.5*	ug/L	EPA 8260B	EPA 5030C
Bromomethane	0.38	J	0.38*	ug/L	EPA 8260B	EPA 5030C
Chloroform	4.1		0.50	ug/L	EPA 8260B	EPA 5030C
Toluene	0.90		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.1		0.50	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-01	**16-06-2034-1-AA**	**06/27/16 15:13**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 08:13**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	26	10	2.1	1.00	
Pyrene	19	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	14	10	2.1	1.00	
Benzo (b) Fluoranthene	36	10	2.1	1.00	
Benzo (k) Fluoranthene	95	10	1.7	1.00	
Benzo (a) Pyrene	11	10	2.0	1.00	
Dibenz (a,h) Anthracene	660	10	3.0	1.00	
Benzo (g,h,i) Perylene	31	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	520	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	47	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-01	**16-06-2034-7-AA**	**06/27/16 16:20**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 08:45**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.1	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.1	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.2	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.2	1.00	
Pyrene	ND	10	3.0	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.8	1.00	
Benzo (a) Pyrene	ND	10	2.1	1.00	
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	60	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1879**	**N/A**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:02**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	61	8-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-01	**16-06-2034-1-AA**	**06/27/16 15:13**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	5.0	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-03	**16-06-2034-2-AA**	**06/27/16 15:15**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	6.6	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-01	**16-06-2034-4-AA**	**06/27/16 15:25**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	5.1	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-03	**16-06-2034-5-AA**	**06/27/16 15:28**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	5.9	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-01	**16-06-2034-7-AA**	**06/27/16 16:20**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	15	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-04	**16-06-2034-8-AA**	**06/27/16 16:22**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	12	0.10	0.10	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6079**	**N/A**	**Solid**	**N/A**	**06/29/16**	**06/29/16 19:00**	**G0629MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-01	**16-06-2034-1-AA**	**06/27/16 15:13**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 20:50**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	49	12	10.0	
C7	ND	49	12	10.0	
C8	ND	49	12	10.0	
C9-C10	ND	49	12	10.0	
C11-C12	ND	49	12	10.0	
C13-C14	ND	49	12	10.0	
C15-C16	ND	49	12	10.0	
C17-C18	ND	49	12	10.0	
C19-C20	ND	49	12	10.0	
C21-C22	ND	49	12	10.0	
C23-C24	ND	49	12	10.0	
C25-C28	67	49	12	10.0	
C29-C32	200	49	12	10.0	
C33-C36	210	49	12	10.0	
C37-C40	200	49	12	10.0	
C41-C44	94	49	12	10.0	
C6-C44 Total	780	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	75	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-03	**16-06-2034-2-AA**	**06/27/16 15:15**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 19:34**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	75	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-01	**16-06-2034-4-AA**	**06/27/16 15:25**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 21:06**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	49	12	10.0	
C7	ND	49	12	10.0	
C8	ND	49	12	10.0	
C9-C10	ND	49	12	10.0	
C11-C12	ND	49	12	10.0	
C13-C14	ND	49	12	10.0	
C15-C16	ND	49	12	10.0	
C17-C18	ND	49	12	10.0	
C19-C20	ND	49	12	10.0	
C21-C22	ND	49	12	10.0	
C23-C24	15	49	12	10.0	J
C25-C28	31	49	12	10.0	J
C29-C32	120	49	12	10.0	
C33-C36	180	49	12	10.0	
C37-C40	140	49	12	10.0	
C41-C44	53	49	12	10.0	
C6-C44 Total	540	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	62	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-03	**16-06-2034-5-AA**	**06/27/16 15:28**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 20:20**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	71	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-01	**16-06-2034-7-AA**	**06/27/16 16:20**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 21:21**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	4.9	1.2	1.00	
C7	ND	4.9	1.2	1.00	
C8	ND	4.9	1.2	1.00	
C9-C10	ND	4.9	1.2	1.00	
C11-C12	ND	4.9	1.2	1.00	
C13-C14	ND	4.9	1.2	1.00	
C15-C16	ND	4.9	1.2	1.00	
C17-C18	ND	4.9	1.2	1.00	
C19-C20	1.3	4.9	1.2	1.00	J
C21-C22	2.7	4.9	1.2	1.00	J
C23-C24	3.5	4.9	1.2	1.00	J
C25-C28	7.3	4.9	1.2	1.00	
C29-C32	19	4.9	1.2	1.00	
C33-C36	25	4.9	1.2	1.00	
C37-C40	23	4.9	1.2	1.00	
C41-C44	15	4.9	1.2	1.00	
C6-C44 Total	96	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	71	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-04	**16-06-2034-8-AA**	**06/27/16 16:22**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 19:49**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	ND	5.0	1.2	1.00	
C21-C22	ND	5.0	1.2	1.00	
C23-C24	ND	5.0	1.2	1.00	
C25-C28	ND	5.0	1.2	1.00	
C29-C32	ND	5.0	1.2	1.00	
C33-C36	ND	5.0	1.2	1.00	
C37-C40	ND	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	72	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2143**	**N/A**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 16:12**	**160630B04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	72	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-01	**16-06-2034-1-AA**	**06/27/16 15:13**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:14**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	6.82	0.765	0.264	1.02	
Barium	65.0	0.510	0.158	1.02	
Beryllium	0.252	0.255	0.140	1.02	J
Cadmium	0.442	0.510	0.138	1.02	J
Chromium	10.4	0.255	0.145	1.02	
Cobalt	3.00	0.255	0.151	1.02	
Copper	9.11	0.510	0.137	1.02	
Lead	9.30	0.510	0.134	1.02	
Molybdenum	0.741	0.255	0.135	1.02	
Nickel	5.22	0.255	0.148	1.02	
Selenium	0.483	0.765	0.306	1.02	J
Silver	0.247	0.255	0.0875	1.02	J
Thallium	0.493	0.765	0.155	1.02	J
Vanadium	22.3	0.255	0.144	1.02	
Zinc	54.4	1.02	0.181	1.02	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-03	**16-06-2034-2-AA**	**06/27/16 15:15**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:15**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.743	0.147	0.990	
Arsenic	1.52	0.743	0.257	0.990	
Barium	68.8	0.495	0.153	0.990	
Beryllium	0.309	0.248	0.136	0.990	
Cadmium	0.269	0.495	0.134	0.990	J
Chromium	12.1	0.248	0.141	0.990	
Cobalt	6.82	0.248	0.147	0.990	
Copper	8.45	0.495	0.133	0.990	
Lead	3.91	0.495	0.130	0.990	
Molybdenum	ND	0.248	0.131	0.990	
Nickel	5.79	0.248	0.143	0.990	
Selenium	ND	0.743	0.297	0.990	
Silver	ND	0.248	0.0849	0.990	
Thallium	ND	0.743	0.150	0.990	
Vanadium	35.0	0.248	0.140	0.990	
Zinc	26.3	0.990	0.176	0.990	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-01	**16-06-2034-4-AA**	**06/27/16 15:25**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:16**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.732	0.145	0.976	
Arsenic	6.79	0.732	0.253	0.976	
Barium	80.5	0.488	0.151	0.976	
Beryllium	0.257	0.244	0.134	0.976	
Cadmium	0.444	0.488	0.132	0.976	J
Chromium	16.4	0.244	0.139	0.976	
Cobalt	4.26	0.244	0.144	0.976	
Copper	10.9	0.488	0.131	0.976	
Lead	22.0	0.488	0.128	0.976	
Molybdenum	3.10	0.244	0.129	0.976	
Nickel	6.56	0.244	0.141	0.976	
Selenium	ND	0.732	0.292	0.976	
Silver	0.263	0.244	0.0836	0.976	
Thallium	0.487	0.732	0.148	0.976	J
Vanadium	30.5	0.244	0.138	0.976	
Zinc	96.6	0.976	0.173	0.976	B

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-03	**16-06-2034-5-AA**	**06/27/16 15:28**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:17**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.721	0.143	0.962	
Arsenic	1.49	0.721	0.249	0.962	
Barium	68.9	0.481	0.148	0.962	
Beryllium	0.289	0.240	0.132	0.962	
Cadmium	0.320	0.481	0.130	0.962	J
Chromium	11.3	0.240	0.137	0.962	
Cobalt	6.65	0.240	0.142	0.962	
Copper	8.45	0.481	0.130	0.962	
Lead	3.66	0.481	0.127	0.962	
Molybdenum	ND	0.240	0.127	0.962	
Nickel	5.53	0.240	0.139	0.962	
Selenium	ND	0.721	0.288	0.962	
Silver	ND	0.240	0.0824	0.962	
Thallium	ND	0.721	0.146	0.962	
Vanadium	31.8	0.240	0.136	0.962	
Zinc	24.9	0.962	0.171	0.962	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-01	**16-06-2034-7-AA**	**06/27/16 16:20**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:18**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.490	0.735	0.146	0.980	J
Arsenic	2.63	0.735	0.254	0.980	
Barium	73.2	0.490	0.151	0.980	
Beryllium	0.309	0.245	0.134	0.980	
Cadmium	0.365	0.490	0.133	0.980	J
Chromium	19.5	0.245	0.139	0.980	
Cobalt	6.39	0.245	0.145	0.980	
Copper	9.83	0.490	0.132	0.980	
Lead	4.62	0.490	0.129	0.980	
Molybdenum	0.153	0.245	0.129	0.980	J
Nickel	7.07	0.245	0.142	0.980	
Selenium	ND	0.735	0.294	0.980	
Silver	ND	0.245	0.0840	0.980	
Thallium	ND	0.735	0.149	0.980	
Vanadium	61.3	0.245	0.138	0.980	
Zinc	36.3	0.980	0.174	0.980	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-04	**16-06-2034-8-AA**	**06/27/16 16:22**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:22**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.721	0.143	0.962	
Arsenic	0.423	0.721	0.249	0.962	J
Barium	14.2	0.481	0.148	0.962	
Beryllium	ND	0.240	0.132	0.962	
Cadmium	ND	0.481	0.130	0.962	
Chromium	3.46	0.240	0.137	0.962	
Cobalt	1.28	0.240	0.142	0.962	
Copper	2.45	0.481	0.130	0.962	
Lead	0.741	0.481	0.127	0.962	
Molybdenum	0.167	0.240	0.127	0.962	J
Nickel	1.20	0.240	0.139	0.962	
Selenium	ND	0.721	0.288	0.962	
Silver	ND	0.240	0.0824	0.962	
Thallium	ND	0.721	0.146	0.962	
Vanadium	11.6	0.240	0.136	0.962	
Zinc	6.35	0.962	0.171	0.962	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22889**	**N/A**	**Solid**	**ICP 7300**	**07/02/16**	**07/07/16 10:31**	**160702L01U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	ND	0.765	0.264	1.02	
Barium	ND	0.510	0.158	1.02	
Beryllium	ND	0.255	0.140	1.02	
Cadmium	ND	0.510	0.138	1.02	
Chromium	ND	0.255	0.145	1.02	
Cobalt	ND	0.255	0.151	1.02	
Copper	ND	0.510	0.137	1.02	
Lead	ND	0.510	0.134	1.02	
Molybdenum	ND	0.255	0.135	1.02	
Nickel	ND	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	ND	0.255	0.0875	1.02	
Thallium	ND	0.765	0.155	1.02	
Vanadium	ND	0.255	0.144	1.02	
Zinc	ND	1.02	0.181	1.02	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22886**	**N/A**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:23**	**160702L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.765	0.152	1.02	
Arsenic	ND	0.765	0.264	1.02	
Barium	ND	0.510	0.158	1.02	
Beryllium	ND	0.255	0.140	1.02	
Cadmium	ND	0.510	0.138	1.02	
Chromium	ND	0.255	0.145	1.02	
Cobalt	ND	0.255	0.151	1.02	
Copper	ND	0.510	0.137	1.02	
Lead	ND	0.510	0.134	1.02	
Molybdenum	ND	0.255	0.135	1.02	
Nickel	ND	0.255	0.148	1.02	
Selenium	ND	0.765	0.306	1.02	
Silver	ND	0.255	0.0875	1.02	
Thallium	ND	0.765	0.155	1.02	
Vanadium	ND	0.255	0.144	1.02	
Zinc	1.16	1.02	0.181	1.02	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-GW	**16-06-2034-10-F**	**06/27/16 17:00**	**Aqueous**	**ICP 7300**	**06/24/16**	**07/01/16 13:14**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.0150	0.00787	1.00	
Arsenic	0.00750	0.0100	0.00438	1.00	J
Barium	0.0864	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	0.0141	0.0100	0.00295	1.00	
Copper	0.00572	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.0682	0.0100	0.00278	1.00	B
Nickel	0.0145	0.0100	0.00298	1.00	
Selenium	0.00732	0.0150	0.00699	1.00	J
Silver	0.00223	0.00500	0.00139	1.00	J
Thallium	ND	0.0150	0.00291	1.00	
Vanadium	0.00549	0.0100	0.00244	1.00	J
Zinc	0.233	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-460-98**	**N/A**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:28**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.0413	0.0150	0.00787	1.00	
Arsenic	ND	0.0100	0.00438	1.00	
Barium	ND	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	ND	0.0100	0.00295	1.00	
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.00769	0.0100	0.00278	1.00	J
Nickel	ND	0.0100	0.00298	1.00	
Selenium	ND	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	0.00605	0.0150	0.00291	1.00	J
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	ND	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 7470A Filt.
Method: EPA 7470A
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-GW	**16-06-2034-10-F**	**06/27/16 17:00**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:32**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-456-3**	**N/A**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:14**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-01	**16-06-2034-1-AA**	**06/27/16 15:13**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:33**	**160706L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0833	0.00587	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-03	**16-06-2034-2-AA**	**06/27/16 15:15**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:35**	**160706L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0877	0.00618	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-01	**16-06-2034-4-AA**	**06/27/16 15:25**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:37**	**160706L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0862	0.00607	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-03	**16-06-2034-5-AA**	**06/27/16 15:28**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:39**	**160706L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0794	0.00559	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-01	**16-06-2034-7-AA**	**06/27/16 16:20**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:41**	**160706L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0794	0.00559	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-04	**16-06-2034-8-AA**	**06/27/16 16:22**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:44**	**160706L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0833	0.00587	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-46**	**N/A**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:06**	**160706L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0833	0.00587	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-01	**16-06-2034-1-AA**	**06/27/16 15:13**	**Solid**	**GC 44**	**07/05/16**	**07/08/16 15:46**	**160705L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.3	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.3	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	95	24-168	
2,4,5,6-Tetrachloro-m-Xylene	85	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-01	**16-06-2034-4-AA**	**06/27/16 15:25**	**Solid**	**GC 44**	**07/05/16**	**07/08/16 16:00**	**160705L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	11	5.0	2.2	1.00	
4,4'-DDT	8.0	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	90	24-168	
2,4,5,6-Tetrachloro-m-Xylene	80	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-2464**	**N/A**	**Solid**	**GC 44**	**07/05/16**	**07/08/16 15:03**	**160705L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	82	24-168	
2,4,5,6-Tetrachloro-m-Xylene	93	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-01	**16-06-2034-1-AA**	**06/27/16 15:13**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 10:25**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	103	24-168	
2,4,5,6-Tetrachloro-m-Xylene	88	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-03	**16-06-2034-2-AA**	**06/27/16 15:15**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 10:43**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	104	24-168	
2,4,5,6-Tetrachloro-m-Xylene	65	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-01	**16-06-2034-4-AA**	**06/27/16 15:25**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 11:01**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	43	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	31	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	34	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	102	24-168	
2,4,5,6-Tetrachloro-m-Xylene	84	25-145	

BB-06-03	16-06-2034-5-AA	06/27/16 15:28	Solid	GC 58	07/05/16	07/07/16 11:19	160705L20

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	101	24-168	
2,4,5,6-Tetrachloro-m-Xylene	67	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-01	**16-06-2034-7-AA**	**06/27/16 16:20**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 12:19**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	111	24-168	
2,4,5,6-Tetrachloro-m-Xylene	92	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-04	**16-06-2034-8-AA**	**06/27/16 16:22**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 12:36**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	104	24-168	
2,4,5,6-Tetrachloro-m-Xylene	58	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-3810**	**N/A**	**Solid**	**GC 58**	**07/05/16**	**07/06/16 20:37**	**160705L20**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	106	24-168	
2,4,5,6-Tetrachloro-m-Xylene	81	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-GW	**16-06-2034-10-A**	**06/27/16 17:00**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 20:10**	**160629L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	5.9	10	3.5	1.00	J
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	0.38	1.0	0.38	1.00	J
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	4.1	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	0.90	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	1.1	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	105	71-135	
1,2-Dichloroethane-d4	111	64-139	
Toluene-d8	100	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-446-105**	**N/A**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 10:33**	**160629L007**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	10	3.5	1.00	
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	ND	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	99	71-135	
1,2-Dichloroethane-d4	99	64-139	
Toluene-d8	97	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-01	**16-06-2034-1-A**	**06/27/16 15:13**	**Solid**	**GC/MS Q**	**06/29/16**	**07/01/16 19:34**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	112	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-03-03	**16-06-2034-2-A**	**06/27/16 15:15**	**Solid**	**GC/MS Q**	**06/29/16**	**07/01/16 20:01**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	107	63-141	
1,2-Dichloroethane-d4	117	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-01	**16-06-2034-4-A**	**06/27/16 15:25**	**Solid**	**GC/MS Q**	**06/29/16**	**07/01/16 20:27**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.22	1.00	
Bromochloromethane	ND	5.1	0.71	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	51	3.9	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.80	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.46	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.36	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.34	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.16	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.65	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.84	1.00	
n-Propylbenzene	ND	5.1	0.52	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.22	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.31	1.00	
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.9	1.00	
Vinyl Chloride	ND	5.1	0.52	1.00	
p/m-Xylene	ND	5.1	0.28	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	106	63-141	
1,2-Dichloroethane-d4	116	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-06-03	**16-06-2034-5-A**	**06/27/16 15:28**	**Solid**	**GC/MS Q**	**06/29/16**	**07/01/16 20:54**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.20	1.00	
Bromochloromethane	ND	4.9	0.67	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.77	1.00	
Bromomethane	ND	24	9.1	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.56	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.27	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.4	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	24	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.22	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.55	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.7	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.75	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.30	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.49	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.53	1.00	
p-Isopropyltoluene	ND	4.9	0.61	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.79	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.23	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.20	1.00	
Toluene	ND	4.9	0.50	1.00	
1,2,3-Trichlorobenzene	ND	9.7	0.89	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.34	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.34	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.36	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.53	1.00	
Vinyl Acetate	ND	49	4.6	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.54	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	107	63-141	
1,2-Dichloroethane-d4	115	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-01	**16-06-2034-7-A**	**06/27/16 16:20**	**Solid**	**GC/MS Q**	**06/29/16**	**07/01/16 21:20**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.5	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.8	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.33	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.63	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.57	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.63	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.95	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.37	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.61	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.58	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.31	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	107	63-141	
1,2-Dichloroethane-d4	115	62-146	
Toluene-d8	101	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-09-04	**16-06-2034-8-A**	**06/27/16 16:22**	**Solid**	**GC/MS Q**	**06/29/16**	**07/01/16 21:47**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	105	63-141	
1,2-Dichloroethane-d4	113	62-146	
Toluene-d8	102	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-575**	**N/A**	**Solid**	**GC/MS Q**	**07/01/16**	**07/01/16 13:50**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8310

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-31	**Sample**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 12:01**	**160702S06**
16-06-2175-31	**Matrix Spike**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:06**	**160702S06**
16-06-2175-31	**Matrix Spike Duplicate**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:38**	**160702S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	100.0	91.88	92	84.31	84	23-167	9	0-46	
Acenaphthylene	ND	100.0	85.70	86	76.37	76	24-120	12	0-47	
Acenaphthene	ND	100.0	80.70	81	71.95	72	16-120	11	0-46	
Fluorene	ND	100.0	72.76	73	67.08	67	32-120	8	0-44	
Phenanthrene	ND	100.0	70.62	71	65.40	65	34-120	8	0-38	
Anthracene	ND	100.0	69.44	69	64.42	64	27-120	8	0-45	
Fluoranthene	ND	100.0	60.43	60	56.64	57	32-122	6	0-41	
Pyrene	ND	100.0	56.63	57	50.54	51	31-127	11	0-38	
Benzo (a) Anthracene	ND	100.0	21.01	21	8.489	8	32-122	85	0-43	3,4
Chrysene	ND	100.0	67.53	68	63.16	63	30-132	7	0-42	
Benzo (b) Fluoranthene	15.17	100.0	98.38	83	65.26	50	33-120	40	0-44	
Benzo (k) Fluoranthene	31.49	100.0	60.33	29	67.32	36	23-149	11	0-44	
Benzo (a) Pyrene	15.48	100.0	112.6	97	97.57	82	12-132	14	0-48	
Dibenz (a,h) Anthracene	188.1	100.0	268.1	80	183.3	0	29-125	38	0-43	3
Benzo (g,h,i) Perylene	18.28	100.0	95.51	77	64.44	46	24-132	39	0-42	
Indeno (1,2,3-c,d) Pyrene	332.6	100.0	322.3	0	237.9	0	29-143	30	0-42	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2035-1	**Sample**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 17:14**	**160630S04**
16-06-2035-1	**Matrix Spike**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 16:43**	**160630S04**
16-06-2035-1	**Matrix Spike Duplicate**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 16:58**	**160630S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	28.52	400.0	367.8	85	371.7	86	64-130	1	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:34**	**160702S01**
16-06-2029-1	**Matrix Spike**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:35**	**160702S01**
16-06-2029-1	**Matrix Spike Duplicate**	**Concrete**	**ICP 7300**	**07/02/16**	**07/05/16 15:36**	**160702S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	3.093	12	4.345	17	50-115	34	0-20	3,4
Arsenic	9.119	25.00	38.33	117	36.34	109	75-125	5	0-20	
Barium	151.1	25.00	173.0	4X	173.5	4X	75-125	4X	0-20	Q
Beryllium	0.2746	25.00	27.12	107	28.10	111	75-125	4	0-20	
Cadmium	ND	25.00	24.61	98	25.29	101	75-125	3	0-20	
Chromium	23.99	25.00	50.31	105	51.05	108	75-125	1	0-20	
Cobalt	3.240	25.00	27.48	97	28.27	100	75-125	3	0-20	
Copper	17.64	25.00	43.27	103	43.61	104	75-125	1	0-20	
Lead	1.316	25.00	26.35	100	26.93	102	75-125	2	0-20	
Molybdenum	1.885	25.00	27.03	101	27.73	103	75-125	3	0-20	
Nickel	5.520	25.00	30.61	100	30.90	102	75-125	1	0-20	
Selenium	1.199	25.00	25.62	98	29.12	112	75-125	13	0-20	
Silver	0.3734	12.50	13.95	109	14.41	112	75-125	3	0-20	
Thallium	ND	25.00	14.42	58	16.15	65	75-125	11	0-20	3
Vanadium	18.77	25.00	43.06	97	42.71	96	75-125	1	0-20	
Zinc	40.54	25.00	66.09	102	68.68	113	75-125	4	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2032-5	**Sample**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:56**	**160702S02**
16-06-2032-5	**Matrix Spike**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:57**	**160702S02**
16-06-2032-5	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**07/02/16**	**07/07/16 10:35**	**160702S02**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	7.628	31	6.657	27	50-115	14	0-20	3
Arsenic	3.444	25.00	29.73	105	28.25	99	75-125	5	0-20	
Barium	66.21	25.00	101.3	140	97.14	124	75-125	4	0-20	3
Beryllium	0.2804	25.00	27.28	108	25.62	101	75-125	6	0-20	
Cadmium	0.7340	25.00	26.77	104	25.24	98	75-125	6	0-20	
Chromium	14.93	25.00	41.05	104	39.12	97	75-125	5	0-20	
Cobalt	7.509	25.00	34.05	106	33.13	102	75-125	3	0-20	
Copper	27.94	25.00	50.03	88	47.48	78	75-125	5	0-20	
Lead	21.34	25.00	47.69	105	45.37	96	75-125	5	0-20	
Molybdenum	ND	25.00	23.53	94	22.36	89	75-125	5	0-20	
Nickel	8.202	25.00	35.76	110	34.02	103	75-125	5	0-20	
Selenium	ND	25.00	24.33	97	23.97	96	75-125	1	0-20	
Silver	ND	12.50	13.56	109	12.73	102	75-125	6	0-20	
Thallium	ND	25.00	25.89	104	24.75	99	75-125	4	0-20	
Vanadium	40.39	25.00	64.17	95	61.21	83	75-125	5	0-20	
Zinc	61.34	25.00	89.72	114	85.31	96	75-125	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3005A Filt.
Method: EPA 6010B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**Matrix Spike**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:02**	**160630SA2**
16-06-2029-10	**Matrix Spike Duplicate**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:03**	**160630SA2**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	0.5000	0.5226	105	0.5360	107	75-125	3	0-20	
Arsenic	ND	0.5000	0.5284	106	0.5320	106	75-125	1	0-20	
Barium	0.02259	0.5000	0.5364	103	0.5367	103	75-125	0	0-20	
Beryllium	ND	0.5000	0.5139	103	0.5169	103	75-125	1	0-20	
Cadmium	ND	0.5000	0.5197	104	0.5262	105	75-125	1	0-20	
Chromium	ND	0.5000	0.5098	102	0.5176	104	75-125	2	0-20	
Cobalt	ND	0.5000	0.5358	107	0.5441	109	75-125	2	0-20	
Copper	ND	0.5000	0.5309	106	0.5374	107	75-125	1	0-20	
Lead	ND	0.5000	0.4982	100	0.5074	101	75-125	2	0-20	
Molybdenum	0.02077	0.5000	0.5355	103	0.5498	106	75-125	3	0-20	
Nickel	ND	0.5000	0.5063	101	0.5163	103	75-125	2	0-20	
Selenium	ND	0.5000	0.5189	104	0.5145	103	75-125	1	0-20	
Silver	ND	0.2500	0.2597	104	0.2590	104	75-125	0	0-20	
Thallium	ND	0.5000	0.5004	100	0.5071	101	75-125	1	0-20	
Vanadium	0.05304	0.5000	0.5661	103	0.5756	105	75-125	2	0-20	
Zinc	0.01178	0.5000	0.5634	110	0.5672	111	75-125	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 6 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2033-10	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:19**	**160706SA1**
16-06-2033-10	**Matrix Spike**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:21**	**160706SA1**
16-06-2033-10	**Matrix Spike Duplicate**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:23**	**160706SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.01000	0.009027	90	0.009054	91	75-125	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 7 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2035-7	**Sample**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:11**	**160706S05**
16-06-2035-7	**Matrix Spike**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:13**	**160706S05**
16-06-2035-7	**Matrix Spike Duplicate**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:15**	**160706S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8800	105	0.8369	100	75-125	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8081A

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-06-01	**Sample**	**Solid**	**GC 44**	**07/05/16**	**07/08/16 16:00**	**160705S07**
BB-06-01	**Matrix Spike**	**Solid**	**GC 44**	**07/05/16**	**07/08/16 15:17**	**160705S07**
BB-06-01	**Matrix Spike Duplicate**	**Solid**	**GC 44**	**07/05/16**	**07/08/16 15:31**	**160705S07**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	21.92	88	19.12	76	50-135	14	0-25	
Alpha-BHC	ND	25.00	22.80	91	19.74	79	50-135	14	0-25	
Beta-BHC	ND	25.00	16.26	65	13.70	55	50-135	17	0-25	
4,4'-DDD	ND	25.00	21.86	87	20.96	84	50-135	4	0-25	
4,4'-DDE	10.60	25.00	37.88	109	35.80	101	50-135	6	0-25	
4,4'-DDT	8.040	25.00	31.56	94	30.29	89	50-135	4	0-25	
Delta-BHC	ND	25.00	18.13	73	15.60	62	50-135	15	0-25	
Dieldrin	ND	25.00	23.45	94	21.18	85	50-135	10	0-25	
Endosulfan I	ND	25.00	24.09	96	21.67	87	50-135	11	0-25	
Endosulfan II	ND	25.00	24.39	98	22.62	90	50-135	8	0-25	
Endosulfan Sulfate	ND	25.00	19.14	77	17.85	71	50-135	7	0-25	
Endrin	ND	25.00	24.97	100	23.10	92	50-135	8	0-25	
Endrin Aldehyde	ND	25.00	17.35	69	14.94	60	50-135	15	0-25	
Gamma-BHC	ND	25.00	21.97	88	19.26	77	50-135	13	0-25	
Heptachlor	ND	25.00	23.16	93	20.86	83	50-135	10	0-25	
Heptachlor Epoxide	ND	25.00	24.55	98	24.04	96	50-135	2	0-25	
Methoxychlor	ND	25.00	26.24	105	21.04	84	50-135	22	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2034
San Diego, CA 92108-1350	Preparation:	EPA 3545
	Method:	EPA 8082
Project: UTAS - Due Diligence / 43559		Page 9 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-50	**Sample**	**Solid**	**GC 58**	**07/05/16**	**07/07/16 07:25**	**160705S20**
16-06-2175-50	**Matrix Spike**	**Solid**	**GC 58**	**07/05/16**	**07/06/16 21:49**	**160705S20**
16-06-2175-50	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**07/05/16**	**07/06/16 22:07**	**160705S20**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	95.00	95	92.50	92	50-135	3	0-20	
Aroclor-1260	ND	100.0	95.00	95	93.50	94	50-135	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-1543-12	**Sample**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 12:19**	**160629S007**
16-06-1543-12	**Matrix Spike**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 13:53**	**160629S007**
16-06-1543-12	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 14:24**	**160629S007**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	10.00	11.74	117	11.88	119	51-163	1	0-82	
Benzene	ND	10.00	10.16	102	10.15	102	77-121	0	0-21	
Bromobenzene	ND	10.00	10.35	104	10.39	104	78-120	0	0-20	
Bromochloromethane	ND	10.00	10.17	102	10.31	103	71-135	1	0-28	
Bromodichloromethane	ND	10.00	10.35	103	10.36	104	72-129	0	0-26	
Bromoform	ND	10.00	9.546	95	9.841	98	61-140	3	0-22	
Bromomethane	ND	10.00	10.66	107	10.54	105	63-140	1	0-36	
2-Butanone	ND	10.00	10.28	103	10.46	105	55-138	2	0-45	
n-Butylbenzene	ND	10.00	11.32	113	11.35	114	67-127	0	0-26	
sec-Butylbenzene	ND	10.00	11.02	110	10.94	109	66-122	1	0-26	
tert-Butylbenzene	ND	10.00	10.84	108	10.75	108	73-120	1	0-26	
Carbon Disulfide	ND	10.00	8.722	87	9.757	98	27-170	11	0-36	
Carbon Tetrachloride	ND	10.00	10.05	101	10.56	106	64-135	5	0-31	
Chlorobenzene	ND	10.00	10.11	101	10.26	103	80-120	1	0-20	
Chloroethane	ND	10.00	11.45	115	11.07	111	67-131	3	0-35	
2-Chloroethyl Vinyl Ether	ND	10.00	0.8532	9	0.5528	6	60-139	43	0-90	3
Chloroform	ND	10.00	10.57	106	10.46	105	75-126	1	0-20	
Chloromethane	ND	10.00	11.05	110	10.66	107	54-143	4	0-41	
2-Chlorotoluene	ND	10.00	10.64	106	10.59	106	64-123	0	0-34	
4-Chlorotoluene	ND	10.00	10.59	106	10.68	107	67-126	1	0-23	
Dibromochloromethane	ND	10.00	9.774	98	9.916	99	76-132	1	0-23	
1,2-Dibromo-3-Chloropropane	ND	10.00	9.577	96	9.838	98	65-125	3	0-31	
1,2-Dibromoethane	ND	10.00	9.761	98	10.03	100	74-130	3	0-22	
Dibromomethane	ND	10.00	9.911	99	9.887	99	75-127	0	0-29	
1,2-Dichlorobenzene	ND	10.00	10.36	104	10.33	103	78-120	0	0-19	
1,3-Dichlorobenzene	ND	10.00	10.42	104	10.19	102	75-120	2	0-22	
1,4-Dichlorobenzene	ND	10.00	10.04	100	10.22	102	78-120	2	0-21	
Dichlorodifluoromethane	ND	10.00	11.94	119	11.08	111	25-168	8	0-41	
1,1-Dichloroethane	ND	10.00	10.62	106	10.17	102	63-144	4	0-32	
1,2-Dichloroethane	ND	10.00	9.950	100	10.21	102	72-130	3	0-25	
1,1-Dichloroethene	ND	10.00	10.53	105	10.29	103	66-130	2	0-32	
c-1,2-Dichloroethene	ND	10.00	10.54	105	10.33	103	76-123	2	0-32	
t-1,2-Dichloroethene	ND	10.00	9.698	97	10.62	106	67-129	9	0-35	
Acetonitrile	ND	20.00	16.55	83	19.77	99	70-130	18	0-35	
1,2-Dichloropropane	ND	10.00	10.23	102	10.42	104	74-122	2	0-24	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acrolein	ND	20.00	23.33	117	22.96	115	70-130	2	0-35	
Acrylonitrile	ND	10.00	8.277	83	10.22	102	65-149	21	0-89	
1,3-Dichloropropane	ND	10.00	9.987	100	10.03	100	74-128	0	0-21	
2,2-Dichloropropane	ND	10.00	11.16	112	11.09	111	68-125	1	0-40	
Allyl Chloride	ND	10.00	8.716	87	9.516	95	70-130	9	0-35	
1,1-Dichloropropene	ND	10.00	10.25	103	10.48	105	68-119	2	0-26	
c-1,3-Dichloropropene	ND	10.00	9.948	99	9.989	100	76-126	0	0-24	
t-1,3-Dichloropropene	ND	10.00	10.02	100	10.02	100	71-127	0	0-22	
Ethylbenzene	ND	10.00	10.67	107	10.54	105	78-120	1	0-23	
2-Hexanone	ND	10.00	9.637	96	10.39	104	61-137	8	0-36	
Isopropylbenzene	ND	10.00	10.87	109	10.78	108	71-123	1	0-24	
p-Isopropyltoluene	ND	10.00	11.39	114	11.59	116	68-122	2	0-25	
Methylene Chloride	ND	10.00	9.550	96	10.46	105	71-129	9	0-30	
4-Methyl-2-Pentanone	ND	10.00	9.456	95	9.934	99	60-136	5	0-41	
Naphthalene	ND	10.00	10.35	104	10.72	107	55-159	3	0-30	
n-Propylbenzene	ND	10.00	10.87	109	10.75	107	64-125	1	0-35	
Styrene	ND	10.00	10.68	107	10.79	108	77-120	1	0-23	
Chloroprene	ND	10.00	10.93	109	10.51	105	70-130	4	0-35	
1,1,1,2-Tetrachloroethane	ND	10.00	10.35	104	10.36	104	79-123	0	0-20	
1,1,2,2-Tetrachloroethane	ND	10.00	9.976	100	10.12	101	67-132	1	0-25	
Tetrachloroethene	ND	10.00	9.576	96	9.480	95	72-119	1	0-24	
Toluene	ND	10.00	10.43	104	10.39	104	78-120	0	0-25	
1,2,3-Trichlorobenzene	ND	10.00	10.22	102	10.36	104	70-129	1	0-27	
Ethyl Methacrylate	ND	10.00	9.956	100	10.13	101	70-130	2	0-35	
1,2,4-Trichlorobenzene	ND	10.00	10.30	103	10.44	104	71-128	1	0-26	
1,1,1-Trichloroethane	ND	10.00	10.24	102	10.55	105	66-130	3	0-30	
Hexachloro-1,3-Butadiene	ND	10.00	11.67	117	11.45	115	52-128	2	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10.00	11.62	116	11.35	113	52-145	2	0-35	
1,1,2-Trichloroethane	ND	10.00	9.952	100	9.959	100	77-124	0	0-25	
Iodomethane	ND	20.00	17.58	88	18.93	95	70-130	7	0-35	
Trichloroethene	2.601	10.00	12.51	99	12.49	99	75-116	0	0-24	
Trichlorofluoromethane	ND	10.00	11.94	119	11.48	115	62-146	4	0-36	
Isobutyl Alcohol	ND	20.00	15.57	78	14.49	72	70-130	7	0-35	
1,2,3-Trichloropropane	ND	10.00	10.08	101	10.49	105	80-120	4	0-20	
1,2,4-Trimethylbenzene	ND	10.00	11.31	113	11.36	114	70-127	1	0-23	
Methacrylonitrile	ND	10.00	9.128	91	9.625	96	70-130	5	0-35	
Methyl Methacrylate	ND	10.00	9.504	95	9.867	99	70-130	4	0-35	
1,3,5-Trimethylbenzene	ND	10.00	11.20	112	11.21	112	72-124	0	0-23	
Vinyl Acetate	ND	10.00	7.621	76	9.153	92	45-164	18	0-74	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Vinyl Chloride	ND	10.00	11.76	118	11.26	113	60-141	4	0-34	
p/m-Xylene	ND	20.00	21.42	107	21.27	106	74-122	1	0-23	
o-Xylene	ND	10.00	10.75	107	10.74	107	74-122	0	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.430	94	10.28	103	57-144	9	0-31	
t-1,4-Dichloro-2-Butene	ND	10.00	9.896	99	10.24	102	70-130	3	0-35	
Tetrahydrofuran	ND	10.00	9.481	95	9.641	96	70-130	2	0-35	
Propionitrile	ND	10.00	9.682	97	10.38	104	70-130	7	0-35	
Tert-Butyl Alcohol (TBA)	ND	50.00	59.30	119	52.60	105	43-170	12	0-38	
Diisopropyl Ether (DIPE)	ND	10.00	10.77	108	9.933	99	70-130	8	0-35	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	10.06	101	9.893	99	70-130	2	0-35	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	9.197	92	9.550	95	70-130	4	0-35	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2174-2	**Sample**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 14:43**	**160701S005**
16-06-2174-2	**Matrix Spike**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 15:09**	**160701S005**
16-06-2174-2	**Matrix Spike Duplicate**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 15:36**	**160701S005**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	52.04	104	46.61	93	70-130	11	0-20	
Benzene	ND	50.00	44.00	88	40.08	80	61-127	9	0-20	
Bromobenzene	ND	50.00	46.86	94	42.40	85	70-130	10	0-20	
Bromochloromethane	ND	50.00	48.15	96	44.71	89	70-130	7	0-20	
Bromodichloromethane	ND	50.00	48.64	97	45.68	91	70-130	6	0-20	
Bromoform	ND	50.00	45.70	91	42.30	85	70-130	8	0-20	
Bromomethane	ND	50.00	44.69	89	41.48	83	70-130	7	0-20	
2-Butanone	ND	50.00	44.50	89	42.48	85	70-130	5	0-20	
n-Butylbenzene	ND	50.00	46.23	92	41.40	83	77-123	11	0-25	
sec-Butylbenzene	ND	50.00	45.96	92	41.75	83	70-130	10	0-20	
tert-Butylbenzene	ND	50.00	46.46	93	41.77	84	70-130	11	0-20	
Carbon Disulfide	ND	50.00	42.59	85	39.13	78	70-130	8	0-20	
Carbon Tetrachloride	ND	50.00	46.01	92	42.99	86	51-135	7	0-29	
Chlorobenzene	ND	50.00	45.03	90	41.10	82	57-123	9	0-20	
Chloroethane	ND	50.00	48.55	97	46.94	94	70-130	3	0-20	
Chloroform	ND	50.00	46.34	93	42.21	84	70-130	9	0-20	
Chloromethane	ND	50.00	47.30	95	46.31	93	70-130	2	0-20	
2-Chlorotoluene	ND	50.00	46.00	92	41.38	83	70-130	11	0-20	
4-Chlorotoluene	ND	50.00	47.22	94	41.35	83	70-130	13	0-20	
Dibromochloromethane	ND	50.00	47.39	95	44.29	89	70-130	7	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	45.76	92	45.08	90	70-130	2	0-20	
1,2-Dibromoethane	ND	50.00	48.47	97	44.72	89	64-124	8	0-20	
Dibromomethane	ND	50.00	47.83	96	45.28	91	70-130	5	0-20	
1,2-Dichlorobenzene	ND	50.00	47.10	94	43.28	87	35-131	8	0-25	
1,3-Dichlorobenzene	ND	50.00	45.77	92	41.86	84	70-130	9	0-20	
1,4-Dichlorobenzene	ND	50.00	45.39	91	41.32	83	70-130	9	0-20	
Dichlorodifluoromethane	ND	50.00	57.60	115	55.88	112	70-130	3	0-20	
1,1-Dichloroethane	ND	50.00	45.55	91	42.03	84	70-130	8	0-20	
1,2-Dichloroethane	ND	50.00	46.49	93	44.19	88	70-130	5	0-20	
1,1-Dichloroethene	ND	50.00	44.24	88	41.31	83	47-143	7	0-25	
c-1,2-Dichloroethene	ND	50.00	45.09	90	42.02	84	70-130	7	0-20	
t-1,2-Dichloroethene	ND	50.00	44.96	90	42.39	85	70-130	6	0-20	
1,2-Dichloropropane	ND	50.00	46.07	92	42.48	85	79-115	8	0-25	
1,3-Dichloropropane	ND	50.00	46.66	93	42.67	85	70-130	9	0-20	
2,2-Dichloropropane	ND	50.00	46.71	93	42.84	86	70-130	9	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	45.95	92	42.47	85	70-130	8	0-20	
c-1,3-Dichloropropene	ND	50.00	47.08	94	43.69	87	70-130	7	0-20	
t-1,3-Dichloropropene	ND	50.00	50.47	101	46.23	92	70-130	9	0-20	
Ethylbenzene	ND	50.00	45.82	92	41.13	82	57-129	11	0-22	
2-Hexanone	ND	50.00	41.96	84	41.74	83	70-130	1	0-20	
Isopropylbenzene	ND	50.00	45.73	91	41.27	83	70-130	10	0-20	
p-Isopropyltoluene	ND	50.00	47.15	94	42.30	85	70-130	11	0-20	
Methylene Chloride	ND	50.00	45.10	90	42.41	85	70-130	6	0-20	
4-Methyl-2-Pentanone	ND	50.00	41.82	84	41.33	83	70-130	1	0-20	
Naphthalene	ND	50.00	45.47	91	44.32	89	70-130	3	0-20	
n-Propylbenzene	ND	50.00	45.64	91	40.91	82	70-130	11	0-20	
Styrene	ND	50.00	47.03	94	41.88	84	70-130	12	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	49.39	99	44.87	90	70-130	10	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	45.02	90	43.15	86	70-130	4	0-20	
Tetrachloroethene	ND	50.00	48.71	97	43.81	88	70-130	11	0-20	
Toluene	ND	50.00	44.86	90	41.48	83	63-123	8	0-20	
1,2,3-Trichlorobenzene	ND	50.00	46.78	94	43.37	87	70-130	8	0-20	
1,2,4-Trichlorobenzene	ND	50.00	47.72	95	43.79	88	70-130	9	0-20	
1,1,1-Trichloroethane	ND	50.00	46.23	92	42.95	86	70-130	7	0-20	
1,1,2-Trichloroethane	ND	50.00	46.58	93	43.95	88	70-130	6	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	45.77	92	42.11	84	70-130	8	0-20	
Trichloroethene	ND	50.00	45.50	91	42.47	85	44-158	7	0-20	
1,2,3-Trichloropropane	ND	50.00	47.06	94	43.79	88	70-130	7	0-20	
1,2,4-Trimethylbenzene	ND	50.00	45.62	91	41.67	83	70-130	9	0-20	
Trichlorofluoromethane	ND	50.00	54.57	109	52.04	104	70-130	5	0-20	
1,3,5-Trimethylbenzene	ND	50.00	46.44	93	41.53	83	70-130	11	0-20	
Vinyl Acetate	ND	50.00	34.75	70	31.62	63	70-130	9	0-20	3
Vinyl Chloride	ND	50.00	52.01	104	49.78	100	49-139	4	0-47	
p/m-Xylene	ND	100.0	90.44	90	81.18	81	70-130	11	0-20	
o-Xylene	ND	50.00	46.64	93	42.13	84	70-130	10	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	46.12	92	43.25	87	57-123	6	0-21	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-1	**Sample**	**Concrete**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 15:34**	**160702S01**
16-06-2029-1	**PDS**	**Concrete**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 15:37**	**160702S01**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	21.99	88	75-125	
Arsenic	9.119	25.00	36.10	108	75-125	
Barium	151.1	25.00	177.5	4X	75-125	Q
Beryllium	0.2746	25.00	26.81	106	75-125	
Cadmium	ND	25.00	23.90	96	75-125	
Chromium	23.99	25.00	49.40	102	75-125	
Cobalt	3.240	25.00	26.73	94	75-125	
Copper	17.64	25.00	43.28	103	75-125	
Lead	1.316	25.00	25.59	97	75-125	
Molybdenum	1.885	25.00	26.84	100	75-125	
Nickel	5.520	25.00	30.14	98	75-125	
Selenium	1.199	25.00	28.36	109	75-125	
Silver	0.3734	12.50	13.79	107	75-125	
Thallium	ND	25.00	23.80	95	75-125	
Vanadium	18.77	25.00	44.17	102	75-125	
Zinc	40.54	25.00	64.98	98	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2032-5	**Sample**	**Solid**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 13:56**	**160702S02**
16-06-2032-5	**PDS**	**Solid**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 13:59**	**160702S02**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	24.59	98	75-125	
Arsenic	3.444	25.00	28.03	98	75-125	
Barium	66.21	25.00	91.42	101	75-125	
Beryllium	0.2804	25.00	24.77	98	75-125	
Cadmium	0.7340	25.00	24.74	96	75-125	
Chromium	14.93	25.00	39.28	97	75-125	
Cobalt	7.509	25.00	31.83	97	75-125	
Copper	27.94	25.00	53.27	101	75-125	
Lead	21.34	25.00	46.60	101	75-125	
Molybdenum	ND	25.00	24.25	97	75-125	
Nickel	8.202	25.00	33.41	101	75-125	
Selenium	ND	25.00	24.71	99	75-125	
Silver	ND	12.50	12.41	99	75-125	
Thallium	ND	25.00	24.08	96	75-125	
Vanadium	40.39	25.00	64.68	97	75-125	
Zinc	61.34	25.00	85.83	98	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3005A Filt.
Method: EPA 6010B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**PDS**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:04**	**160630SA2**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	0.5000	0.5056	101	75-125	
Arsenic	ND	0.5000	0.5028	101	75-125	
Barium	0.02259	0.5000	0.5211	100	75-125	
Beryllium	ND	0.5000	0.4994	100	75-125	
Cadmium	ND	0.5000	0.5080	102	75-125	
Chromium	ND	0.5000	0.4975	99	75-125	
Cobalt	ND	0.5000	0.5163	103	75-125	
Copper	ND	0.5000	0.5165	103	75-125	
Lead	ND	0.5000	0.4830	97	75-125	
Molybdenum	0.02077	0.5000	0.5206	100	75-125	
Nickel	ND	0.5000	0.4890	98	75-125	
Selenium	ND	0.5000	0.4911	98	75-125	
Silver	ND	0.2500	0.2516	101	75-125	
Thallium	ND	0.5000	0.4828	97	75-125	
Vanadium	0.05304	0.5000	0.5554	100	75-125	
Zinc	0.01178	0.5000	0.5512	108	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 4 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2033-10	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:19**	**160706SA1**
16-06-2033-10	**PDS**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:50**	**160706SA1**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.01000	0.008861	89	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 5 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2035-7	**Sample**	**Solid**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 13:11**	**160706S05**
16-06-2035-7	**PDS**	**Solid**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 13:59**	**160706S05**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.8350	0.8307	99	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	N/A
		Method:	ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-06-2031-1	**Sample**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 19:00**	**G0629MOID4**
16-06-2031-1	**Sample Duplicate**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 19:00**	**G0629MOID4**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	3.500	3.400	3	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8310

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-07-002-1879	**LCS**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:34**	**160702L06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	100.0	111.0	111	17-203	0-234	
Acenaphthylene	100.0	74.49	74	50-120	38-132	
Acenaphthene	100.0	67.86	68	41-120	28-133	
Fluorene	100.0	68.67	69	51-120	40-132	
Phenanthrene	100.0	72.34	72	56-120	45-131	
Anthracene	100.0	68.27	68	49-120	37-132	
Fluoranthene	100.0	76.06	76	60-120	50-130	
Pyrene	100.0	84.09	84	61-121	51-131	
Benzo (a) Anthracene	100.0	82.09	82	61-121	51-131	
Chrysene	100.0	79.59	80	61-121	51-131	
Benzo (b) Fluoranthene	100.0	78.09	78	61-121	51-131	
Benzo (k) Fluoranthene	100.0	73.51	74	57-129	45-141	
Benzo (a) Pyrene	100.0	75.84	76	43-120	30-133	
Dibenz (a,h) Anthracene	100.0	76.90	77	59-125	48-136	
Benzo (g,h,i) Perylene	100.0	83.03	83	57-123	46-134	
Indeno (1,2,3-c,d) Pyrene	100.0	79.05	79	64-130	53-141	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2143	**LCS**	**Solid**	**GC 48**	**06/30/16**	**06/30/16 16:28**	**160630B04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	360.8	90	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 3 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22889	**LCS**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:22**	**160702L01U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	24.74	99	80-120	73-127	
Arsenic	25.00	24.49	98	80-120	73-127	
Barium	25.00	26.41	106	80-120	73-127	
Beryllium	25.00	24.22	97	80-120	73-127	
Cadmium	25.00	25.25	101	80-120	73-127	
Chromium	25.00	25.70	103	80-120	73-127	
Cobalt	25.00	26.45	106	80-120	73-127	
Copper	25.00	25.58	102	80-120	73-127	
Lead	25.00	26.36	105	80-120	73-127	
Molybdenum	25.00	24.94	100	80-120	73-127	
Nickel	25.00	26.86	107	80-120	73-127	
Selenium	25.00	23.47	94	80-120	73-127	
Silver	12.50	12.44	100	80-120	73-127	
Thallium	25.00	26.17	105	80-120	73-127	
Vanadium	25.00	24.31	97	80-120	73-127	
Zinc	25.00	26.06	104	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 4 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22886	**LCS**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:24**	**160702L02U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	25.33	101	80-120	73-127	
Arsenic	25.00	24.98	100	80-120	73-127	
Barium	25.00	26.83	107	80-120	73-127	
Beryllium	25.00	24.39	98	80-120	73-127	
Cadmium	25.00	25.75	103	80-120	73-127	
Chromium	25.00	26.31	105	80-120	73-127	
Cobalt	25.00	26.56	106	80-120	73-127	
Copper	25.00	26.11	104	80-120	73-127	
Lead	25.00	26.32	105	80-120	73-127	
Molybdenum	25.00	25.22	101	80-120	73-127	
Nickel	25.00	27.24	109	80-120	73-127	
Selenium	25.00	23.45	94	80-120	73-127	
Silver	12.50	12.88	103	80-120	73-127	
Thallium	25.00	26.52	106	80-120	73-127	
Vanadium	25.00	25.03	100	80-120	73-127	
Zinc	25.00	27.48	110	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 5 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-460-98	**LCS**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:29**	**160630LA2U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	0.5000	0.4709	94	80-120	73-127	
Arsenic	0.5000	0.4486	90	80-120	73-127	
Barium	0.5000	0.4910	98	80-120	73-127	
Beryllium	0.5000	0.4458	89	80-120	73-127	
Cadmium	0.5000	0.4796	96	80-120	73-127	
Chromium	0.5000	0.4805	96	80-120	73-127	
Cobalt	0.5000	0.5087	102	80-120	73-127	
Copper	0.5000	0.4784	96	80-120	73-127	
Lead	0.5000	0.4913	98	80-120	73-127	
Molybdenum	0.5000	0.4732	95	80-120	73-127	
Nickel	0.5000	0.4797	96	80-120	73-127	
Selenium	0.5000	0.4394	88	80-120	73-127	
Silver	0.2500	0.2368	95	80-120	73-127	
Thallium	0.5000	0.4896	98	80-120	73-127	
Vanadium	0.5000	0.4589	92	80-120	73-127	
Zinc	0.5000	0.4847	97	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 6 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-456-3	**LCS**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:16**	**160706LA1F**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.01000	0.01003	100	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 7 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-46	**LCS**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 13:08**	**160706L05**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.8319	100	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 3545
Method: EPA 8081A

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-2464	**LCS**	**Solid**	**GC 44**	**07/05/16**	**07/08/16 16:57**	**160705L07**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	15.40	62	50-135	36-149	
Alpha-BHC	25.00	15.21	61	50-135	36-149	
Beta-BHC	25.00	14.00	56	50-135	36-149	
4,4'-DDD	25.00	15.45	62	50-135	36-149	
4,4'-DDE	25.00	15.46	62	50-135	36-149	
4,4'-DDT	25.00	13.53	54	50-135	36-149	
Delta-BHC	25.00	15.31	61	50-135	36-149	
Dieldrin	25.00	15.42	62	50-135	36-149	
Endosulfan I	25.00	14.98	60	50-135	36-149	
Endosulfan II	25.00	17.04	68	50-135	36-149	
Endosulfan Sulfate	25.00	16.68	67	50-135	36-149	
Endrin	25.00	15.52	62	50-135	36-149	
Endrin Aldehyde	25.00	15.88	64	50-135	36-149	
Gamma-BHC	25.00	15.16	61	50-135	36-149	
Heptachlor	25.00	16.36	65	50-135	36-149	
Heptachlor Epoxide	25.00	15.52	62	50-135	36-149	
Methoxychlor	25.00	25.49	102	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8082
Project: UTAS - Due Diligence / 43559			Page 9 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-3810	**LCS**	**Solid**	**GC 58**	**07/05/16**	**07/06/16 20:55**	**160705L20**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	84.50	84	50-135	
Aroclor-1260	100.0	88.50	88	50-135	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2034
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 10 of 14

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-446-105	**LCS**	**Aqueous**	**GC/MS L**	**06/29/16**	**06/29/16 09:49**	**160629L007**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	10.00	7.899	79	51-163	32-182	
Benzene	10.00	9.933	99	77-121	70-128	
Bromobenzene	10.00	9.753	98	78-120	71-127	
Bromochloromethane	10.00	9.752	98	71-135	60-146	
Bromodichloromethane	10.00	10.10	101	72-129	62-138	
Bromoform	10.00	10.16	102	61-140	48-153	
Bromomethane	10.00	9.643	96	63-140	50-153	
2-Butanone	10.00	8.586	86	55-138	41-152	
n-Butylbenzene	10.00	10.75	108	67-127	57-137	
sec-Butylbenzene	10.00	10.70	107	66-122	57-131	
tert-Butylbenzene	10.00	10.48	105	73-120	65-128	
Carbon Disulfide	10.00	10.27	103	27-170	3-194	
Carbon Tetrachloride	10.00	10.68	107	64-135	52-147	
Chlorobenzene	10.00	9.780	98	80-120	73-127	
Chloroethane	10.00	9.801	98	67-131	56-142	
2-Chloroethyl Vinyl Ether	10.00	8.017	80	60-139	47-152	
Chloroform	10.00	9.652	97	75-126	66-134	
Chloromethane	10.00	8.904	89	54-143	39-158	
2-Chlorotoluene	10.00	10.10	101	64-123	54-133	
4-Chlorotoluene	10.00	10.18	102	67-126	57-136	
Dibromochloromethane	10.00	9.944	99	76-132	67-141	
1,2-Dibromo-3-Chloropropane	10.00	8.819	88	65-125	55-135	
1,2-Dibromoethane	10.00	9.358	94	74-130	65-139	
Dibromomethane	10.00	9.141	91	75-127	66-136	
1,2-Dichlorobenzene	10.00	9.775	98	78-120	71-127	
1,3-Dichlorobenzene	10.00	9.981	100	75-120	68-128	
1,4-Dichlorobenzene	10.00	9.745	97	78-120	71-127	
Dichlorodifluoromethane	10.00	10.26	103	25-168	1-192	
1,1-Dichloroethane	10.00	10.17	102	63-144	50-158	
1,2-Dichloroethane	10.00	9.141	91	72-130	62-140	
1,1-Dichloroethene	10.00	9.924	99	66-130	55-141	
c-1,2-Dichloroethene	10.00	10.03	100	76-123	68-131	
t-1,2-Dichloroethene	10.00	10.50	105	67-129	57-139	
Acetonitrile	20.00	20.18	101	70-130	60-140	
1,2-Dichloropropane	10.00	9.933	99	74-122	66-130	
Acrolein	20.00	19.97	100	70-130	60-140	
Acrylonitrile	10.00	8.527	85	65-149	51-163	
1,3-Dichloropropane	10.00	9.231	92	74-128	65-137	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2034
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 11 of 14

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
2,2-Dichloropropane	10.00	11.34	113	68-125	58-134	
Allyl Chloride	10.00	10.15	101	70-130	60-140	
1,1-Dichloropropene	10.00	10.06	101	68-119	60-128	
c-1,3-Dichloropropene	10.00	10.15	102	76-126	68-134	
t-1,3-Dichloropropene	10.00	10.06	101	71-127	62-136	
Ethylbenzene	10.00	10.25	102	78-120	71-127	
2-Hexanone	10.00	8.384	84	61-137	48-150	
Isopropylbenzene	10.00	10.36	104	71-123	62-132	
p-Isopropyltoluene	10.00	10.90	109	68-122	59-131	
Methylene Chloride	10.00	9.785	98	71-129	61-139	
4-Methyl-2-Pentanone	10.00	8.251	83	60-136	47-149	
Naphthalene	10.00	8.975	90	55-159	38-176	
n-Propylbenzene	10.00	10.34	103	64-125	54-135	
Styrene	10.00	10.01	100	77-120	70-127	
Chloroprene	10.00	10.65	106	70-130	60-140	
1,1,1,2-Tetrachloroethane	10.00	10.74	107	79-123	72-130	
1,1,2,2-Tetrachloroethane	10.00	8.972	90	67-132	56-143	
Tetrachloroethene	10.00	9.873	99	72-119	64-127	
Toluene	10.00	10.11	101	78-120	71-127	
1,2,3-Trichlorobenzene	10.00	9.135	91	70-129	60-139	
Ethyl Methacrylate	10.00	8.650	86	70-130	60-140	
1,2,4-Trichlorobenzene	10.00	9.776	98	71-128	62-138	
1,1,1-Trichloroethane	10.00	9.944	99	66-130	55-141	
Hexachloro-1,3-Butadiene	10.00	11.21	112	52-128	39-141	
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.00	11.23	112	52-145	36-160	
1,1,2-Trichloroethane	10.00	9.087	91	77-124	69-132	
Iodomethane	20.00	21.56	108	70-130	60-140	
Trichloroethene	10.00	10.11	101	75-116	68-123	
Trichlorofluoromethane	10.00	10.30	103	62-146	48-160	
Isobutyl Alcohol	20.00	11.98	60	70-130	60-140	ME
1,2,3-Trichloropropane	10.00	9.192	92	80-120	73-127	
1,2,4-Trimethylbenzene	10.00	10.32	103	70-127	60-136	
Methacrylonitrile	10.00	8.606	86	70-130	60-140	
Methyl Methacrylate	10.00	8.555	86	70-130	60-140	
1,3,5-Trimethylbenzene	10.00	10.42	104	72-124	63-133	
Vinyl Acetate	10.00	8.130	81	45-164	25-184	
Vinyl Chloride	10.00	9.833	98	60-141	46-154	
p/m-Xylene	20.00	20.53	103	74-122	66-130	
o-Xylene	10.00	10.20	102	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)	10.00	9.055	91	57-144	42-158	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2034
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 12 of 14

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
t-1,4-Dichloro-2-Butene	10.00	9.473	95	70-130	60-140	
Tetrahydrofuran	10.00	8.469	85	70-130	60-140	
Propionitrile	10.00	8.426	84	70-130	60-140	
Tert-Butyl Alcohol (TBA)	50.00	52.59	105	43-170	22-191	
Diisopropyl Ether (DIPE)	10.00	10.05	101	70-130	60-140	
Ethyl-t-Butyl Ether (ETBE)	10.00	9.513	95	70-130	60-140	
Tert-Amyl-Methyl Ether (TAME)	10.00	8.821	88	70-130	60-140	

Total number of LCS compounds: 85
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2034
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-575	**LCS**	**Solid**	**GC/MS Q**	**07/01/16**	**07/01/16 12:44**	**160701L013**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	42.15	84	70-130	60-140	
Benzene	50.00	42.99	86	78-120	71-127	
Bromobenzene	50.00	46.11	92	70-130	60-140	
Bromochloromethane	50.00	42.34	85	70-130	60-140	
Bromodichloromethane	50.00	46.53	93	70-130	60-140	
Bromoform	50.00	46.16	92	70-130	60-140	
Bromomethane	50.00	39.09	78	70-130	60-140	
2-Butanone	50.00	46.04	92	70-130	60-140	
n-Butylbenzene	50.00	47.63	95	77-123	69-131	
sec-Butylbenzene	50.00	46.91	94	70-130	60-140	
tert-Butylbenzene	50.00	48.52	97	70-130	60-140	
Carbon Disulfide	50.00	40.92	82	70-130	60-140	
Carbon Tetrachloride	50.00	46.56	93	49-139	34-154	
Chlorobenzene	50.00	44.86	90	79-120	72-127	
Chloroethane	50.00	42.93	86	70-130	60-140	
Chloroform	50.00	42.62	85	70-130	60-140	
Chloromethane	50.00	42.51	85	70-130	60-140	
2-Chlorotoluene	50.00	45.67	91	70-130	60-140	
4-Chlorotoluene	50.00	46.76	94	70-130	60-140	
Dibromochloromethane	50.00	44.46	89	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	50.61	101	70-130	60-140	
1,2-Dibromoethane	50.00	46.03	92	70-130	60-140	
Dibromomethane	50.00	44.23	88	70-130	60-140	
1,2-Dichlorobenzene	50.00	46.51	93	75-120	68-128	
1,3-Dichlorobenzene	50.00	46.38	93	70-130	60-140	
1,4-Dichlorobenzene	50.00	45.72	91	70-130	60-140	
Dichlorodifluoromethane	50.00	52.25	104	70-130	60-140	
1,1-Dichloroethane	50.00	42.71	85	70-130	60-140	
1,2-Dichloroethane	50.00	44.78	90	70-130	60-140	
1,1-Dichloroethene	50.00	43.18	86	74-122	66-130	
c-1,2-Dichloroethene	50.00	41.30	83	70-130	60-140	
t-1,2-Dichloroethene	50.00	43.32	87	70-130	60-140	
1,2-Dichloropropane	50.00	44.24	88	79-115	73-121	
1,3-Dichloropropane	50.00	44.15	88	70-130	60-140	
2,2-Dichloropropane	50.00	46.05	92	70-130	60-140	
1,1-Dichloropropene	50.00	45.08	90	70-130	60-140	
c-1,3-Dichloropropene	50.00	47.36	95	70-130	60-140	
t-1,3-Dichloropropene	50.00	48.00	96	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2034
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 14 of 14

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	46.83	94	76-120	69-127	
2-Hexanone	50.00	48.04	96	70-130	60-140	
Isopropylbenzene	50.00	46.68	93	70-130	60-140	
p-Isopropyltoluene	50.00	48.14	96	70-130	60-140	
Methylene Chloride	50.00	40.23	80	70-130	60-140	
4-Methyl-2-Pentanone	50.00	48.08	96	70-130	60-140	
Naphthalene	50.00	46.00	92	70-130	60-140	
n-Propylbenzene	50.00	45.56	91	70-130	60-140	
Styrene	50.00	46.05	92	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	48.99	98	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	46.77	94	70-130	60-140	
Tetrachloroethene	50.00	44.87	90	70-130	60-140	
Toluene	50.00	46.58	93	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	48.15	96	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	50.19	100	70-130	60-140	
1,1,1-Trichloroethane	50.00	45.37	91	70-130	60-140	
1,1,2-Trichloroethane	50.00	43.67	87	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	45.23	90	70-130	60-140	
Trichloroethene	50.00	45.70	91	70-130	60-140	
1,2,3-Trichloropropane	50.00	47.15	94	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	46.96	94	70-130	60-140	
Trichlorofluoromethane	50.00	48.59	97	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	47.22	94	70-130	60-140	
Vinyl Acetate	50.00	36.86	74	70-130	60-140	
Vinyl Chloride	50.00	46.30	93	68-122	59-131	
p/m-Xylene	100.0	91.12	91	70-130	60-140	
o-Xylene	50.00	46.77	94	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	44.46	89	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-2034 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 6010B	EPA 3005A Filt.	935	ICP 7300	1
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7470A	EPA 7470A Filt.	868	Mercury 04	1
EPA 7471A	EPA 7471A Total	868	Mercury 05	1
EPA 8015B (M)	EPA 3550B	682	GC 48	1
EPA 8081A	EPA 3545	669	GC 44	1
EPA 8082	EPA 3545	944	GC 58	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B	EPA 5030C	1055	GC/MS Q	2
EPA 8310	EPA 3545	960	HPLC 5	1

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Glossary of Terms and Qualifiers

Work Order: 16-06-2034 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

DATE: 6/27/16

PAGE: 1 OF 1

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200, San Diego, CA 92108

TEL: 619-285-7141 | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due ~~Diligence~~ Diligence / 43559

PROJECT CONTACT: Robert K. Scott

SAMPLER(S): (SIGNATURE) Tyree Burns

P.O. NO.:

LOG NO.: 16-06-2034

COELT LOG CODE

COOLER RECEIPT Temp = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS: UTC Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PANS	OCP	Hold				CONTAINER TYPE
1		BB-03-01	6/27/16	1513	Soil	1	X	X	X	X		X	X					
2		BB-03-03		1515	Soil	1	X	X	X	X								
3		BB-03-10		1517	Soil	1	X	X	X	X				X				Hold Sample
4		BB-06-01		1525	Soil	1	X	X	X	X			X					
5		BB-06-03		1528	Soil	1	X	X	X	X								
6		BB-06-10		1530	Soil	1	X	X	X	X				X				Hold Sample
7		BB-09-01		1620	Soil	1	X	X	X	X		X						
8		BB-09-04		1622	Soil	1	X	X	X	X								
9		BB-09-10		1624	Soil	1	X	X	X	X								Hold Sample
10		BB-09-GW	↓	1700	Water	1	X	X										

Relinquished by: (Signature)	Received by: (Signature) EQ	Date: 6/28/16	Time: 1545
Relinquished by: (Signature)	Received by: (Signature) FCI	Date: 062816	Time: 1900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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WORK ORDER NUMBER: 16-06- 2034

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 06 / 28 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 671

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 671
Sample(s)	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 1053

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☑ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOA**h** (5) ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☑ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1053

Reviewed by: 671

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WORK ORDER NUMBER: 16-06-2037

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/15/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Narrative

Work Order: 16-06-2037 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/28/16. They were assigned to Work Order 16-06-2037.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-06-2037

EPA Method 6010B Total Metals:

Project Required Detection Limit (PRDL):

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Silver, Selenium, Thallium and Zinc for aqueous samples on 07/01/16.

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Selenium and Thallium for soil samples on 07/07/16.

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits

EPA Method 6010B	
Batch #	Analytes(s)
160702S04	Antimony[3] and Barium[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

EPA Method 8260B Volatile Organics:

Initial Calibration:

The initial calibration (IC) was performed on 06/28/16 on GC/MS L. The percent RSDs in the continuing calibration was > 40% for 2-Chloroethyl Vinyl Ether and Iodomethane.

Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits

EPA Method 8260B	
Batch #	Analytes(s)
160706S004	2-Chloro Vinyl Ether[3] and Isobutyl Alcohol[3]
160701S002	Vinyl Acetate[3,4]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

Table C: Laboratory Control Sample (LCS) / LCS Duplicate outside acceptable limits

EPA Method 8260B	
Batch #	Analytes(s)
160706L009	2-Chloro Vinyl Ether and Isobutyl Alcohol[ME]
160701L002	Chloroethane[ME] and Vinyl Chloride[ME]

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

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EPA Method 8310 Polynuclear Aromatic Hydrocarbons:

Table D: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8310	
Batch #	Analytes(s)
160702S06	Benzo (a) Anthracene[3,4], Dibenz (a,h) Anthracene[3] and Indeno (1,2,3-c,d) Pyrene[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

4: The MS/MSD RPD was out of control due to suspected matrix interference.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2037
		Project Name:	UTAS - Due Diligence / 43559
		PO Number:	
		Date/Time Received:	06/28/16 19:00
		Number of Containers:	16
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-24-01	16-06-2037-1	06/28/16 11:20	1	Solid
BB-24-03	16-06-2037-2	06/28/16 11:22	1	Solid
BB-24-10	16-06-2037-3	06/28/16 11:24	1	Solid
BB-23-01	16-06-2037-4	06/28/16 11:47	1	Solid
BB-23-03	16-06-2037-5	06/28/16 11:49	1	Solid
BB-23-10	16-06-2037-6	06/28/16 11:52	1	Solid
BB-23-GW	16-06-2037-7	06/28/16 12:00	6	Aqueous
Trip Blank	16-06-2037-8	06/28/16 00:00	2	Aqueous
Trip Blank	16-06-2037-9	06/28/16 00:00	2	Aqueous

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Detections Summary

Client: Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Work Order: 16-06-2037
Project Name: UTAS - Due Diligence / 43559
Received: 06/28/16

Attn: Robert K. Scott

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-24-01 (16-06-2037-1)						
Moisture	2.1		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	4.17		0.758	mg/kg	EPA 6010B	EPA 3050B
Barium	72.4		0.505	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.226	J	0.138*	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.473	J	0.137*	mg/kg	EPA 6010B	EPA 3050B
Chromium	9.67		0.253	mg/kg	EPA 6010B	EPA 3050B
Cobalt	5.57		0.253	mg/kg	EPA 6010B	EPA 3050B
Copper	12.4		0.505	mg/kg	EPA 6010B	EPA 3050B
Lead	17.3		0.505	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.429		0.253	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.04		0.253	mg/kg	EPA 6010B	EPA 3050B
Vanadium	29.0		0.253	mg/kg	EPA 6010B	EPA 3050B
Zinc	59.7		1.01	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0190	J	0.00559*	mg/kg	EPA 7471A	EPA 7471A Total
C29-C32	62		25	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	45		25	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	48		25	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	150		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
4,4'-DDE	15		5.0	ug/kg	EPA 8081A	EPA 3545
4,4'-DDT	16		5.0	ug/kg	EPA 8081A	EPA 3545

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* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2037
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-24-03 (16-06-2037-2)						
Moisture	3.5		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.57		0.777	mg/kg	EPA 6010B	EPA 3050B
Barium	78.3		0.518	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.286		0.259	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.548		0.518	mg/kg	EPA 6010B	EPA 3050B
Chromium	15.3		0.259	mg/kg	EPA 6010B	EPA 3050B
Cobalt	9.51		0.259	mg/kg	EPA 6010B	EPA 3050B
Copper	28.4		0.518	mg/kg	EPA 6010B	EPA 3050B
Lead	19.0		0.518	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.229	J	0.137*	mg/kg	EPA 6010B	EPA 3050B
Nickel	9.37		0.259	mg/kg	EPA 6010B	EPA 3050B
Vanadium	47.6		0.259	mg/kg	EPA 6010B	EPA 3050B
Zinc	59.0		1.04	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.0258	J	0.00559*	mg/kg	EPA 7471A	EPA 7471A Total
C19-C20	1.3	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C21-C22	2.6	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	4.0	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	8.9		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	13		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	9.2		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	5.0	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	44		5.0	mg/kg	EPA 8015B (M)	EPA 3550B

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* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2037
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 3 of 4

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-23-01 (16-06-2037-4)						
Moisture	2.9		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	2.27		0.721	mg/kg	EPA 6010B	EPA 3050B
Barium	73.1		0.481	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.273		0.240	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.866		0.481	mg/kg	EPA 6010B	EPA 3050B
Chromium	15.1		0.240	mg/kg	EPA 6010B	EPA 3050B
Cobalt	8.36		0.240	mg/kg	EPA 6010B	EPA 3050B
Copper	28.8		0.481	mg/kg	EPA 6010B	EPA 3050B
Lead	42.6		0.481	mg/kg	EPA 6010B	EPA 3050B
Nickel	7.57		0.240	mg/kg	EPA 6010B	EPA 3050B
Vanadium	42.9		0.240	mg/kg	EPA 6010B	EPA 3050B
Zinc	78.3		0.962	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.106		0.0806	mg/kg	EPA 7471A	EPA 7471A Total
4,4'-DDD	9.9		5.0	ug/kg	EPA 8081A	EPA 3545
4,4'-DDE	1000		250	ug/kg	EPA 8081A	EPA 3545
4,4'-DDT	230		50	ug/kg	EPA 8081A	EPA 3545
Acenaphthylene	11	J	4.1*	ug/kg	EPA 8310	EPA 3545
Phenanthrene	6.2	J	2.1*	ug/kg	EPA 8310	EPA 3545
Fluoranthene	21		9.9	ug/kg	EPA 8310	EPA 3545
Pyrene	31		9.9	ug/kg	EPA 8310	EPA 3545
Benzo (a) Anthracene	7.2	J	2.4*	ug/kg	EPA 8310	EPA 3545
Chrysene	6.7	J	2.0*	ug/kg	EPA 8310	EPA 3545
Benzo (b) Fluoranthene	8.5	J	2.1*	ug/kg	EPA 8310	EPA 3545
Benzo (k) Fluoranthene	8.5	J	1.7*	ug/kg	EPA 8310	EPA 3545
Benzo (a) Pyrene	18		9.9	ug/kg	EPA 8310	EPA 3545
Benzo (g,h,i) Perylene	3.5	J	1.8*	ug/kg	EPA 8310	EPA 3545
Indeno (1,2,3-c,d) Pyrene	4.6	J	2.2*	ug/kg	EPA 8310	EPA 3545

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* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2037
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/28/16
Attn:	Robert K. Scott		Page 4 of 4

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-23-03 (16-06-2037-5)						
Moisture	6.4		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.39		0.789	mg/kg	EPA 6010B	EPA 3050B
Barium	74.7		0.526	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.381		0.263	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.353	J	0.143*	mg/kg	EPA 6010B	EPA 3050B
Chromium	19.0		0.263	mg/kg	EPA 6010B	EPA 3050B
Cobalt	11.2		0.263	mg/kg	EPA 6010B	EPA 3050B
Copper	9.91		0.526	mg/kg	EPA 6010B	EPA 3050B
Lead	4.48		0.526	mg/kg	EPA 6010B	EPA 3050B
Nickel	8.45		0.263	mg/kg	EPA 6010B	EPA 3050B
Vanadium	63.6		0.263	mg/kg	EPA 6010B	EPA 3050B
Zinc	31.6		1.05	mg/kg	EPA 6010B	EPA 3050B
Mercury	0.00700	J	0.00587*	mg/kg	EPA 7471A	EPA 7471A Total
BB-23-GW (16-06-2037-7)						
Arsenic	0.0112		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Barium	0.0496		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Cobalt	0.0238		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Copper	0.00429	J	0.00267*	mg/L	EPA 6010B	EPA 3005A Filt.
Molybdenum	0.0382	B	0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Nickel	0.00897	J	0.00298*	mg/L	EPA 6010B	EPA 3005A Filt.
Selenium	0.0167		0.0150	mg/L	EPA 6010B	EPA 3005A Filt.
Vanadium	0.0246		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Zinc	0.0238		0.0100	mg/L	EPA 6010B	EPA 3005A Filt.
Chloroform	0.34	J	0.22*	ug/L	EPA 8260B	EPA 5030C
Trip Blank (16-06-2037-8)						
Acetone	5.9	J	3.5*	ug/L	EPA 8260B	EPA 5030C
Ethanol	32	J	17*	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-AA**	**06/28/16 11:47**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 09:50**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	11	30	4.1	1.00	J
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	9.9	1.7	1.00	
Phenanthrene	6.2	9.9	2.1	1.00	J
Anthracene	ND	9.9	2.0	1.00	
Fluoranthene	21	9.9	2.1	1.00	
Pyrene	31	9.9	2.9	1.00	
Benzo (a) Anthracene	7.2	9.9	2.4	1.00	J
Chrysene	6.7	9.9	2.0	1.00	J
Benzo (b) Fluoranthene	8.5	9.9	2.1	1.00	J
Benzo (k) Fluoranthene	8.5	9.9	1.7	1.00	J
Benzo (a) Pyrene	18	9.9	2.0	1.00	
Dibenz (a,h) Anthracene	ND	9.9	2.9	1.00	
Benzo (g,h,i) Perylene	3.5	9.9	1.8	1.00	J
Indeno (1,2,3-c,d) Pyrene	4.6	9.9	2.2	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	87	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8310
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-07-002-1879**	**N/A**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:02**	**160702L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Naphthalene	ND	15	4.0	1.00	
Acenaphthylene	ND	30	4.2	1.00	
Acenaphthene	ND	15	4.0	1.00	
Fluorene	ND	10	1.7	1.00	
Phenanthrene	ND	10	2.1	1.00	
Anthracene	ND	10	2.0	1.00	
Fluoranthene	ND	10	2.1	1.00	
Pyrene	ND	10	2.9	1.00	
Benzo (a) Anthracene	ND	10	2.5	1.00	
Chrysene	ND	10	2.1	1.00	
Benzo (b) Fluoranthene	ND	10	2.1	1.00	
Benzo (k) Fluoranthene	ND	10	1.7	1.00	
Benzo (a) Pyrene	ND	10	2.0	1.00	
Dibenz (a,h) Anthracene	ND	10	3.0	1.00	
Benzo (g,h,i) Perylene	ND	10	1.8	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	10	2.2	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decafluorobiphenyl	61	8-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-01	**16-06-2037-1-A**	**06/28/16 11:20**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	2.1	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-03	**16-06-2037-2-A**	**06/28/16 11:22**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	3.5	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-A**	**06/28/16 11:47**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	2.9	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-03	**16-06-2037-5-A**	**06/28/16 11:49**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	6.4	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6083**	**N/A**	**Solid**	**N/A**	**06/29/16**	**06/29/16 22:00**	**G0629MOIB6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-01	**16-06-2037-1-A**	**06/28/16 11:20**	**Solid**	**GC 48**	**06/30/16**	**07/02/16 00:24**	**160630B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	25	6.3	5.00	
C7	ND	25	6.3	5.00	
C8	ND	25	6.3	5.00	
C9-C10	ND	25	6.3	5.00	
C11-C12	ND	25	6.3	5.00	
C13-C14	ND	25	6.3	5.00	
C15-C16	ND	25	6.3	5.00	
C17-C18	ND	25	6.3	5.00	
C19-C20	ND	25	6.3	5.00	
C21-C22	ND	25	6.3	5.00	
C23-C24	ND	25	6.3	5.00	
C25-C28	ND	25	6.3	5.00	
C29-C32	62	25	6.3	5.00	
C33-C36	45	25	6.3	5.00	
C37-C40	48	25	6.3	5.00	
C41-C44	ND	25	6.3	5.00	
C6-C44 Total	150	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	74	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-03	**16-06-2037-2-A**	**06/28/16 11:22**	**Solid**	**GC 46**	**06/30/16**	**07/05/16 20:58**	**160630B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	1.3	5.0	1.3	1.00	J
C21-C22	2.6	5.0	1.3	1.00	J
C23-C24	4.0	5.0	1.3	1.00	J
C25-C28	8.9	5.0	1.3	1.00	
C29-C32	13	5.0	1.3	1.00	
C33-C36	9.2	5.0	1.3	1.00	
C37-C40	5.0	5.0	1.3	1.00	J
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	44	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-A**	**06/28/16 11:47**	**Solid**	**GC 46**	**06/30/16**	**07/05/16 21:16**	**160630B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	97	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
		Units:	mg/kg
Project: UTAS - Due Diligence / 43559			Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-03	**16-06-2037-5-A**	**06/28/16 11:49**	**Solid**	**GC 48**	**06/30/16**	**07/01/16 23:38**	**160630B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	66	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2146**	**N/A**	**Solid**	**GC 48**	**06/30/16**	**07/01/16 21:04**	**160630B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	66	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-01	**16-06-2037-1-AA**	**06/28/16 11:20**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:25**	**160702L04U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.758	0.150	1.01	
Arsenic	4.17	0.758	0.262	1.01	
Barium	72.4	0.505	0.156	1.01	
Beryllium	0.226	0.253	0.138	1.01	J
Cadmium	0.473	0.505	0.137	1.01	J
Chromium	9.67	0.253	0.144	1.01	
Cobalt	5.57	0.253	0.150	1.01	
Copper	12.4	0.505	0.136	1.01	
Lead	17.3	0.505	0.133	1.01	
Molybdenum	0.429	0.253	0.133	1.01	
Nickel	5.04	0.253	0.146	1.01	
Selenium	ND	0.758	0.303	1.01	
Silver	ND	0.253	0.0866	1.01	
Thallium	ND	0.758	0.153	1.01	
Vanadium	29.0	0.253	0.143	1.01	
Zinc	59.7	1.01	0.179	1.01	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-03	**16-06-2037-2-AA**	**06/28/16 11:22**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:26**	**160702L04U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.777	0.154	1.04	
Arsenic	1.57	0.777	0.269	1.04	
Barium	78.3	0.518	0.160	1.04	
Beryllium	0.286	0.259	0.142	1.04	
Cadmium	0.548	0.518	0.140	1.04	
Chromium	15.3	0.259	0.147	1.04	
Cobalt	9.51	0.259	0.153	1.04	
Copper	28.4	0.518	0.140	1.04	
Lead	19.0	0.518	0.136	1.04	
Molybdenum	0.229	0.259	0.137	1.04	J
Nickel	9.37	0.259	0.150	1.04	
Selenium	ND	0.777	0.310	1.04	
Silver	ND	0.259	0.0888	1.04	
Thallium	ND	0.777	0.157	1.04	
Vanadium	47.6	0.259	0.146	1.04	
Zinc	59.0	1.04	0.184	1.04	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-AA**	**06/28/16 11:47**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:28**	**160702L04U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.721	0.143	0.962	
Arsenic	2.27	0.721	0.249	0.962	
Barium	73.1	0.481	0.148	0.962	
Beryllium	0.273	0.240	0.132	0.962	
Cadmium	0.866	0.481	0.130	0.962	
Chromium	15.1	0.240	0.137	0.962	
Cobalt	8.36	0.240	0.142	0.962	
Copper	28.8	0.481	0.130	0.962	
Lead	42.6	0.481	0.127	0.962	
Molybdenum	ND	0.240	0.127	0.962	
Nickel	7.57	0.240	0.139	0.962	
Selenium	ND	0.721	0.288	0.962	
Silver	ND	0.240	0.0824	0.962	
Thallium	ND	0.721	0.146	0.962	
Vanadium	42.9	0.240	0.136	0.962	
Zinc	78.3	0.962	0.171	0.962	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-03	**16-06-2037-5-AA**	**06/28/16 11:49**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 15:29**	**160702L04U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.789	0.157	1.05	
Arsenic	1.39	0.789	0.273	1.05	
Barium	74.7	0.526	0.163	1.05	
Beryllium	0.381	0.263	0.144	1.05	
Cadmium	0.353	0.526	0.143	1.05	J
Chromium	19.0	0.263	0.150	1.05	
Cobalt	11.2	0.263	0.156	1.05	
Copper	9.91	0.526	0.142	1.05	
Lead	4.48	0.526	0.139	1.05	
Molybdenum	ND	0.263	0.139	1.05	
Nickel	8.45	0.263	0.152	1.05	
Selenium	ND	0.789	0.315	1.05	
Silver	ND	0.263	0.0902	1.05	
Thallium	ND	0.789	0.160	1.05	
Vanadium	63.6	0.263	0.149	1.05	
Zinc	31.6	1.05	0.187	1.05	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22888**	**N/A**	**Solid**	**ICP 7300**	**07/02/16**	**07/07/16 10:30**	**160702L04U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.750	0.149	1.00	
Arsenic	ND	0.750	0.259	1.00	
Barium	ND	0.500	0.154	1.00	
Beryllium	ND	0.250	0.137	1.00	
Cadmium	ND	0.500	0.135	1.00	
Chromium	ND	0.250	0.142	1.00	
Cobalt	ND	0.250	0.148	1.00	
Copper	ND	0.500	0.135	1.00	
Lead	ND	0.500	0.132	1.00	
Molybdenum	ND	0.250	0.132	1.00	
Nickel	ND	0.250	0.145	1.00	
Selenium	ND	0.750	0.300	1.00	
Silver	ND	0.250	0.0857	1.00	
Thallium	ND	0.750	0.152	1.00	
Vanadium	ND	0.250	0.141	1.00	
Zinc	ND	1.00	0.178	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-GW	**16-06-2037-7-F**	**06/28/16 12:00**	**Aqueous**	**ICP 7300**	**06/24/16**	**07/01/16 13:17**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.0150	0.00787	1.00	
Arsenic	0.0112	0.0100	0.00438	1.00	
Barium	0.0496	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	0.0238	0.0100	0.00295	1.00	
Copper	0.00429	0.0100	0.00267	1.00	J
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.0382	0.0100	0.00278	1.00	B
Nickel	0.00897	0.0100	0.00298	1.00	J
Selenium	0.0167	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	ND	0.0150	0.00291	1.00	
Vanadium	0.0246	0.0100	0.00244	1.00	
Zinc	0.0238	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3005A Filt.
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-460-98**	**N/A**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:28**	**160630LA2U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	0.0413	0.0150	0.00787	1.00	
Arsenic	ND	0.0100	0.00438	1.00	
Barium	ND	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.00262	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	ND	0.0100	0.00295	1.00	
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.00769	0.0100	0.00278	1.00	J
Nickel	ND	0.0100	0.00298	1.00	
Selenium	ND	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	0.00605	0.0150	0.00291	1.00	J
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	ND	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 7470A Filt.
Method: EPA 7470A
Units: mg/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-GW	**16-06-2037-7-F**	**06/28/16 12:00**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:43**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-456-3**	**N/A**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:14**	**160706LA1F**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-01	**16-06-2037-1-AA**	**06/28/16 11:20**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:48**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0190	0.0794	0.00559	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-03	**16-06-2037-2-AA**	**06/28/16 11:22**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:51**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.0258	0.0794	0.00559	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-AA**	**06/28/16 11:47**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:53**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.106	0.0806	0.00568	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-03	**16-06-2037-5-AA**	**06/28/16 11:49**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 12:55**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	0.00700	0.0833	0.00587	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-45**	**N/A**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:44**	**160706L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0820	0.00578	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-01	**16-06-2037-1-AA**	**06/28/16 11:20**	**Solid**	**GC 44**	**07/05/16**	**07/11/16 13:23**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	15	5.0	2.2	1.00	
4,4'-DDT	16	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.3	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.3	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	94	24-168	
2,4,5,6-Tetrachloro-m-Xylene	98	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-AA**	**06/28/16 11:47**	**Solid**	**GC 44**	**07/05/16**	**07/11/16 13:37**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	9.9	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	9.9	5.0	2.3	1.00	
Delta-BHC	ND	9.9	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.3	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.3	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.1	1.00	
Heptachlor Epoxide	ND	9.9	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	99	44	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	102	24-168	
2,4,5,6-Tetrachloro-m-Xylene	91	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-AA**	**06/28/16 11:47**	**Solid**	**GC 44**	**07/05/16**	**07/11/16 16:06**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
4,4'-DDT	230	50	22	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	106	24-168	
2,4,5,6-Tetrachloro-m-Xylene	112	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-AA**	**06/28/16 11:47**	**Solid**	**GC 44**	**07/05/16**	**07/11/16 16:36**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
4,4'-DDE	1000	250	110	50.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	128	24-168	
2,4,5,6-Tetrachloro-m-Xylene	122	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8081A
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-537-2463**	**N/A**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:03**	**160705L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aldrin	ND	5.0	2.2	1.00	
Alpha-BHC	ND	10	3.7	1.00	
Beta-BHC	ND	5.0	2.5	1.00	
Chlordane	ND	50	26	1.00	
4,4'-DDD	ND	5.0	2.4	1.00	
4,4'-DDE	ND	5.0	2.2	1.00	
4,4'-DDT	ND	5.0	2.2	1.00	
Delta-BHC	ND	10	4.4	1.00	
Dieldrin	ND	5.0	2.2	1.00	
Endosulfan I	ND	5.0	2.0	1.00	
Endosulfan II	ND	5.0	2.4	1.00	
Endosulfan Sulfate	ND	5.0	2.6	1.00	
Endrin	ND	5.0	2.4	1.00	
Endrin Aldehyde	ND	5.0	3.0	1.00	
Endrin Ketone	ND	5.0	2.5	1.00	
Gamma-BHC	ND	5.0	2.2	1.00	
Heptachlor	ND	5.0	2.2	1.00	
Heptachlor Epoxide	ND	10	3.7	1.00	
Methoxychlor	ND	5.0	2.7	1.00	
Toxaphene	ND	100	45	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	97	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-01	**16-06-2037-1-AA**	**06/28/16 11:20**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 18:42**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	114	24-168	
2,4,5,6-Tetrachloro-m-Xylene	97	25-145	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-03	**16-06-2037-2-AA**	**06/28/16 11:22**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 19:00**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	119	24-168	
2,4,5,6-Tetrachloro-m-Xylene	99	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-AA**	**06/28/16 11:47**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 19:18**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	31	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	34	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	124	24-168	
2,4,5,6-Tetrachloro-m-Xylene	103	25-145	

BB-23-03	16-06-2037-5-AA	06/28/16 11:49	Solid	GC 58	07/05/16	07/08/16 19:36	160705L05

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	119	24-168	
2,4,5,6-Tetrachloro-m-Xylene	84	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8082
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-535-3815**	**N/A**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 11:13**	**160705L05**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Aroclor-1016	ND	50	21	1.00	
Aroclor-1221	ND	50	42	1.00	
Aroclor-1232	ND	50	25	1.00	
Aroclor-1242	ND	50	37	1.00	
Aroclor-1248	ND	50	32	1.00	
Aroclor-1254	ND	50	32	1.00	
Aroclor-1260	ND	50	30	1.00	
Aroclor-1262	ND	50	35	1.00	
Aroclor-1268	ND	50	33	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Decachlorobiphenyl	117	24-168	
2,4,5,6-Tetrachloro-m-Xylene	76	25-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-GW	**16-06-2037-7-E**	**06/28/16 12:00**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 12:39**	**160706L009**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	10	3.5	1.00	
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	0.34	0.50	0.22	1.00	J
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	101	71-135	
1,2-Dichloroethane-d4	103	64-139	
Toluene-d8	100	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Trip Blank	**16-06-2037-8-B**	**06/28/16 00:00**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 13:10**	**160706L009**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	5.9	10	3.5	1.00	J
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	ND	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	32	50	17	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	105	71-135	
1,2-Dichloroethane-d4	107	64-139	
Toluene-d8	98	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-446-107**	**N/A**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 10:58**	**160706L009**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	10	3.5	1.00	
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	ND	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	100	71-135	
1,2-Dichloroethane-d4	100	64-139	
Toluene-d8	95	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-01	**16-06-2037-1-A**	**06/28/16 11:20**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 15:57**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	60-132	
Dibromofluoromethane	97	63-141	
1,2-Dichloroethane-d4	102	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-24-03	**16-06-2037-2-A**	**06/28/16 11:22**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 16:25**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.2	0.13	1.00	
Bromobenzene	ND	5.2	0.22	1.00	
Bromochloromethane	ND	5.2	0.71	1.00	
Bromodichloromethane	ND	5.2	0.24	1.00	
Bromoform	ND	5.2	0.82	1.00	
Bromomethane	ND	26	9.7	1.00	
2-Butanone	ND	52	3.9	1.00	
n-Butylbenzene	ND	5.2	0.16	1.00	
sec-Butylbenzene	ND	5.2	0.60	1.00	
tert-Butylbenzene	ND	5.2	0.16	1.00	
Carbon Disulfide	ND	52	0.32	1.00	
Carbon Tetrachloride	ND	5.2	0.29	1.00	
Chlorobenzene	ND	5.2	0.23	1.00	
Chloroethane	ND	5.2	1.5	1.00	
Chloroform	ND	5.2	0.25	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.2	0.24	1.00	
4-Chlorotoluene	ND	5.2	0.22	1.00	
Dibromochloromethane	ND	5.2	0.59	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.2	0.26	1.00	
Dibromomethane	ND	5.2	0.80	1.00	
1,2-Dichlorobenzene	ND	5.2	0.24	1.00	
1,3-Dichlorobenzene	ND	5.2	0.18	1.00	
1,4-Dichlorobenzene	ND	5.2	0.23	1.00	
Dichlorodifluoromethane	ND	5.2	0.46	1.00	
1,1-Dichloroethane	ND	5.2	0.22	1.00	
1,2-Dichloroethane	ND	5.2	0.32	1.00	
1,1-Dichloroethene	ND	5.2	0.36	1.00	
c-1,2-Dichloroethene	ND	5.2	0.29	1.00	
t-1,2-Dichloroethene	ND	5.2	0.52	1.00	
1,2-Dichloropropane	ND	5.2	0.45	1.00	
1,3-Dichloropropane	ND	5.2	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.2	0.34	1.00	
1,1-Dichloropropene	ND	5.2	0.34	1.00	
c-1,3-Dichloropropene	ND	5.2	0.26	1.00	
t-1,3-Dichloropropene	ND	5.2	0.62	1.00	
Ethylbenzene	ND	5.2	0.16	1.00	
2-Hexanone	ND	52	1.8	1.00	
Isopropylbenzene	ND	5.2	0.56	1.00	
p-Isopropyltoluene	ND	5.2	0.65	1.00	
Methylene Chloride	ND	52	1.4	1.00	
4-Methyl-2-Pentanone	ND	52	4.5	1.00	
Naphthalene	ND	52	0.84	1.00	
n-Propylbenzene	ND	5.2	0.52	1.00	
Styrene	ND	5.2	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.2	0.25	1.00	
1,1,2,2-Tetrachloroethane	ND	5.2	0.36	1.00	
Tetrachloroethene	ND	5.2	0.22	1.00	
Toluene	ND	5.2	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.94	1.00	
1,2,4-Trichlorobenzene	ND	5.2	0.32	1.00	
1,1,1-Trichloroethane	ND	5.2	0.23	1.00	
1,1,2-Trichloroethane	ND	5.2	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	52	0.36	1.00	
Trichloroethene	ND	5.2	0.31	1.00	
1,2,3-Trichloropropane	ND	5.2	0.86	1.00	
1,2,4-Trimethylbenzene	ND	5.2	0.60	1.00	
Trichlorofluoromethane	ND	52	0.39	1.00	
1,3,5-Trimethylbenzene	ND	5.2	0.57	1.00	
Vinyl Acetate	ND	52	4.9	1.00	
Vinyl Chloride	ND	5.2	0.52	1.00	
p/m-Xylene	ND	5.2	0.28	1.00	
o-Xylene	ND	5.2	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.2	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	60-132	
Dibromofluoromethane	95	63-141	
1,2-Dichloroethane-d4	98	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-01	**16-06-2037-4-A**	**06/28/16 11:47**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 16:52**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.70	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.29	1.00	
Chlorobenzene	ND	5.0	0.23	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.4	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.51	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	91	60-132	
Dibromofluoromethane	97	63-141	
1,2-Dichloroethane-d4	97	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-23-03	**16-06-2037-5-A**	**06/28/16 11:49**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 17:19**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.70	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.80	1.00	
Bromomethane	ND	25	9.5	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.29	1.00	
Chlorobenzene	ND	5.0	0.23	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.78	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.45	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.32	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.26	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.4	1.00	
Naphthalene	ND	50	0.82	1.00	
n-Propylbenzene	ND	5.0	0.51	1.00	
Styrene	ND	5.0	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.92	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.8	1.00	
Vinyl Chloride	ND	5.0	0.51	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	60-132	
Dibromofluoromethane	96	63-141	
1,2-Dichloroethane-d4	101	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-574**	**N/A**	**Solid**	**GC/MS BB**	**07/01/16**	**07/01/16 10:30**	**160701L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	95	63-141	
1,2-Dichloroethane-d4	94	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8310

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-31	**Sample**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 12:01**	**160702S06**
16-06-2175-31	**Matrix Spike**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:06**	**160702S06**
16-06-2175-31	**Matrix Spike Duplicate**	**Solid**	**HPLC 5**	**07/02/16**	**07/06/16 19:38**	**160702S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	ND	100.0	91.88	92	84.31	84	23-167	9	0-46	
Acenaphthylene	ND	100.0	85.70	86	76.37	76	24-120	12	0-47	
Acenaphthene	ND	100.0	80.70	81	71.95	72	16-120	11	0-46	
Fluorene	ND	100.0	72.76	73	67.08	67	32-120	8	0-44	
Phenanthrene	ND	100.0	70.62	71	65.40	65	34-120	8	0-38	
Anthracene	ND	100.0	69.44	69	64.42	64	27-120	8	0-45	
Fluoranthene	ND	100.0	60.43	60	56.64	57	32-122	6	0-41	
Pyrene	ND	100.0	56.63	57	50.54	51	31-127	11	0-38	
Benzo (a) Anthracene	ND	100.0	21.01	21	8.489	8	32-122	85	0-43	3,4
Chrysene	ND	100.0	67.53	68	63.16	63	30-132	7	0-42	
Benzo (b) Fluoranthene	15.17	100.0	98.38	83	65.26	50	33-120	40	0-44	
Benzo (k) Fluoranthene	31.49	100.0	60.33	29	67.32	36	23-149	11	0-44	
Benzo (a) Pyrene	15.48	100.0	112.6	97	97.57	82	12-132	14	0-48	
Dibenz (a,h) Anthracene	188.1	100.0	268.1	80	183.3	0	29-125	38	0-43	3
Benzo (g,h,i) Perylene	18.28	100.0	95.51	77	64.44	46	24-132	39	0-42	
Indeno (1,2,3-c,d) Pyrene	332.6	100.0	322.3	0	237.9	0	29-143	30	0-42	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-2	**Sample**	**Solid**	**GC 48**	**06/30/16**	**07/01/16 22:22**	**160630S06**
16-06-2029-2	**Matrix Spike**	**Solid**	**GC 48**	**06/30/16**	**07/01/16 21:35**	**160630S06**
16-06-2029-2	**Matrix Spike Duplicate**	**Solid**	**GC 48**	**06/30/16**	**07/01/16 21:51**	**160630S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	11.01	400.0	377.4	92	352.3	85	64-130	7	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-51	**Sample**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:30**	**160702S04**
16-06-2175-51	**Matrix Spike**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:31**	**160702S04**
16-06-2175-51	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 14:36**	**160702S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	8.042	32	7.985	32	50-115	1	0-20	3
Arsenic	1.265	25.00	26.66	102	27.19	104	75-125	2	0-20	
Barium	52.12	25.00	95.62	174	81.41	117	75-125	16	0-20	3
Beryllium	ND	25.00	26.92	108	27.45	110	75-125	2	0-20	
Cadmium	ND	25.00	26.38	106	26.66	107	75-125	1	0-20	
Chromium	8.042	25.00	34.93	108	34.98	108	75-125	0	0-20	
Cobalt	5.702	25.00	31.36	103	32.33	107	75-125	3	0-20	
Copper	3.051	25.00	30.48	110	30.98	112	75-125	2	0-20	
Lead	3.015	25.00	29.34	105	30.09	108	75-125	3	0-20	
Molybdenum	ND	25.00	22.24	89	22.65	91	75-125	2	0-20	
Nickel	4.335	25.00	31.11	107	31.83	110	75-125	2	0-20	
Selenium	ND	25.00	25.37	101	26.21	105	75-125	3	0-20	
Silver	ND	12.50	13.24	106	13.48	108	75-125	2	0-20	
Thallium	ND	25.00	26.29	105	26.97	108	75-125	3	0-20	
Vanadium	26.70	25.00	52.46	103	51.51	99	75-125	2	0-20	
Zinc	13.73	25.00	41.06	109	40.56	107	75-125	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3005A Filt.
Method: EPA 6010B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**Matrix Spike**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:02**	**160630SA2**
16-06-2029-10	**Matrix Spike Duplicate**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 13:03**	**160630SA2**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	0.5000	0.5226	105	0.5360	107	75-125	3	0-20	
Arsenic	ND	0.5000	0.5284	106	0.5320	106	75-125	1	0-20	
Barium	0.02259	0.5000	0.5364	103	0.5367	103	75-125	0	0-20	
Beryllium	ND	0.5000	0.5139	103	0.5169	103	75-125	1	0-20	
Cadmium	ND	0.5000	0.5197	104	0.5262	105	75-125	1	0-20	
Chromium	ND	0.5000	0.5098	102	0.5176	104	75-125	2	0-20	
Cobalt	ND	0.5000	0.5358	107	0.5441	109	75-125	2	0-20	
Copper	ND	0.5000	0.5309	106	0.5374	107	75-125	1	0-20	
Lead	ND	0.5000	0.4982	100	0.5074	101	75-125	2	0-20	
Molybdenum	0.02077	0.5000	0.5355	103	0.5498	106	75-125	3	0-20	
Nickel	ND	0.5000	0.5063	101	0.5163	103	75-125	2	0-20	
Selenium	ND	0.5000	0.5189	104	0.5145	103	75-125	1	0-20	
Silver	ND	0.2500	0.2597	104	0.2590	104	75-125	0	0-20	
Thallium	ND	0.5000	0.5004	100	0.5071	101	75-125	1	0-20	
Vanadium	0.05304	0.5000	0.5661	103	0.5756	105	75-125	2	0-20	
Zinc	0.01178	0.5000	0.5634	110	0.5672	111	75-125	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2037
San Diego, CA 92108-1350	Preparation:	EPA 7470A Filt.
	Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559		Page 5 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2033-10	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:19**	**160706SA1**
16-06-2033-10	**Matrix Spike**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:21**	**160706SA1**
16-06-2033-10	**Matrix Spike Duplicate**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:23**	**160706SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.01000	0.009027	90	0.009054	91	75-125	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 6 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2032-5	**Sample**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:54**	**160706S04**
16-06-2032-5	**Matrix Spike**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:56**	**160706S04**
16-06-2032-5	**Matrix Spike Duplicate**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:58**	**160706S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8211	98	0.7988	96	75-125	3	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3545
Method: EPA 8081A

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2036-1	**Sample**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:16**	**160705S04**
16-06-2036-1	**Matrix Spike**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 11:46**	**160705S04**
16-06-2036-1	**Matrix Spike Duplicate**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 12:01**	**160705S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aldrin	ND	25.00	22.96	92	21.95	88	50-135	5	0-25	
Alpha-BHC	ND	25.00	22.33	89	21.77	87	50-135	3	0-25	
Beta-BHC	ND	25.00	23.32	93	21.50	86	50-135	8	0-25	
4,4'-DDD	ND	25.00	26.29	105	25.09	100	50-135	5	0-25	
4,4'-DDE	ND	25.00	25.85	103	24.52	98	50-135	5	0-25	
4,4'-DDT	ND	25.00	25.24	101	24.05	96	50-135	5	0-25	
Delta-BHC	ND	25.00	25.22	101	23.53	94	50-135	7	0-25	
Dieldrin	ND	25.00	25.48	102	23.80	95	50-135	7	0-25	
Endosulfan I	ND	25.00	24.07	96	22.98	92	50-135	5	0-25	
Endosulfan II	ND	25.00	26.14	105	24.52	98	50-135	6	0-25	
Endosulfan Sulfate	ND	25.00	24.08	96	22.94	92	50-135	5	0-25	
Endrin	ND	25.00	29.00	116	27.75	111	50-135	4	0-25	
Endrin Aldehyde	ND	25.00	23.39	94	22.68	91	50-135	3	0-25	
Gamma-BHC	ND	25.00	23.44	94	22.65	91	50-135	3	0-25	
Heptachlor	ND	25.00	24.03	96	23.35	93	50-135	3	0-25	
Heptachlor Epoxide	ND	25.00	23.96	96	22.95	92	50-135	4	0-25	
Methoxychlor	ND	25.00	25.40	102	25.27	101	50-135	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2037
San Diego, CA 92108-1350	Preparation:	EPA 3545
	Method:	EPA 8082
Project: UTAS - Due Diligence / 43559		Page 8 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2035-5	**Sample**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 13:19**	**160705S05**
16-06-2035-5	**Matrix Spike**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 11:49**	**160705S05**
16-06-2035-5	**Matrix Spike Duplicate**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 12:07**	**160705S05**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Aroclor-1016	ND	100.0	88.50	88	87.50	88	50-135	1	0-20	
Aroclor-1260	ND	100.0	108.0	108	107.5	108	50-135	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2036-9	**Sample**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 11:36**	**160706S004**
16-06-2036-9	**Matrix Spike**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 13:41**	**160706S004**
16-06-2036-9	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 14:12**	**160706S004**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	10.00	10.43	104	10.56	106	51-163	1	0-82	
Benzene	ND	10.00	10.27	103	10.61	106	77-121	3	0-21	
Bromobenzene	ND	10.00	10.42	104	10.66	107	78-120	2	0-20	
Bromochloromethane	ND	10.00	9.939	99	10.19	102	71-135	3	0-28	
Bromodichloromethane	ND	10.00	10.72	107	11.12	111	72-129	4	0-26	
Bromoform	ND	10.00	10.70	107	11.53	115	61-140	8	0-22	
Bromomethane	ND	10.00	8.763	88	9.140	91	63-140	4	0-36	
2-Butanone	ND	10.00	9.801	98	10.45	105	55-138	6	0-45	
n-Butylbenzene	ND	10.00	10.61	106	10.75	107	67-127	1	0-26	
sec-Butylbenzene	ND	10.00	10.57	106	10.56	106	66-122	0	0-26	
tert-Butylbenzene	ND	10.00	10.51	105	10.67	107	73-120	2	0-26	
Carbon Disulfide	ND	10.00	8.704	87	9.193	92	27-170	5	0-36	
Carbon Tetrachloride	ND	10.00	10.50	105	10.71	107	64-135	2	0-31	
Chlorobenzene	ND	10.00	10.20	102	10.44	104	80-120	2	0-20	
Chloroethane	ND	10.00	9.489	95	10.04	100	67-131	6	0-35	
2-Chloroethyl Vinyl Ether	ND	10.00	1.080	11	1.131	11	60-139	5	0-90	3
Chloroform	ND	10.00	9.979	100	10.54	105	75-126	5	0-20	
Chloromethane	ND	10.00	11.03	110	11.36	114	54-143	3	0-41	
2-Chlorotoluene	ND	10.00	10.54	105	10.62	106	64-123	1	0-34	
4-Chlorotoluene	ND	10.00	10.53	105	10.61	106	67-126	1	0-23	
Dibromochloromethane	ND	10.00	10.53	105	11.17	112	76-132	6	0-23	
1,2-Dibromo-3-Chloropropane	ND	10.00	10.62	106	10.82	108	65-125	2	0-31	
1,2-Dibromoethane	ND	10.00	10.18	102	10.37	104	74-130	2	0-22	
Dibromomethane	ND	10.00	10.21	102	10.40	104	75-127	2	0-29	
1,2-Dichlorobenzene	ND	10.00	10.61	106	10.76	108	78-120	1	0-19	
1,3-Dichlorobenzene	ND	10.00	10.21	102	10.52	105	75-120	3	0-22	
1,4-Dichlorobenzene	ND	10.00	10.13	101	10.42	104	78-120	3	0-21	
Dichlorodifluoromethane	ND	10.00	9.340	93	9.717	97	25-168	4	0-41	
1,1-Dichloroethane	ND	10.00	9.302	93	10.39	104	63-144	11	0-32	
1,2-Dichloroethane	ND	10.00	10.15	101	10.36	104	72-130	2	0-25	
1,1-Dichloroethene	ND	10.00	9.096	91	9.688	97	66-130	6	0-32	
c-1,2-Dichloroethene	ND	10.00	9.785	98	10.18	102	76-123	4	0-32	
t-1,2-Dichloroethene	ND	10.00	9.764	98	9.386	94	67-129	4	0-35	
Acetonitrile	ND	20.00	18.16	91	16.47	82	70-130	10	0-35	
1,2-Dichloropropane	ND	10.00	10.42	104	10.75	107	74-122	3	0-24	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acrolein	ND	20.00	15.39	77	17.13	86	70-130	11	0-35	
Acrylonitrile	ND	10.00	9.432	94	8.392	84	65-149	12	0-89	
1,3-Dichloropropane	ND	10.00	10.38	104	10.66	107	74-128	3	0-21	
2,2-Dichloropropane	ND	10.00	9.375	94	9.377	94	68-125	0	0-40	
Allyl Chloride	ND	10.00	8.779	88	8.277	83	70-130	6	0-35	
1,1-Dichloropropene	ND	10.00	9.653	97	10.04	100	68-119	4	0-26	
c-1,3-Dichloropropene	ND	10.00	9.739	97	10.24	102	76-126	5	0-24	
t-1,3-Dichloropropene	ND	10.00	9.762	98	10.34	103	71-127	6	0-22	
Ethylbenzene	ND	10.00	10.49	105	10.60	106	78-120	1	0-23	
2-Hexanone	ND	10.00	9.618	96	10.36	104	61-137	7	0-36	
Isopropylbenzene	ND	10.00	10.50	105	10.65	107	71-123	1	0-24	
p-Isopropyltoluene	ND	10.00	11.06	111	11.14	111	68-122	1	0-25	
Methylene Chloride	ND	10.00	9.642	96	9.084	91	71-129	6	0-30	
4-Methyl-2-Pentanone	ND	10.00	9.870	99	10.22	102	60-136	4	0-41	
Naphthalene	ND	10.00	11.20	112	11.56	116	55-159	3	0-30	
n-Propylbenzene	ND	10.00	10.66	107	10.60	106	64-125	1	0-35	
Styrene	ND	10.00	10.59	106	10.89	109	77-120	3	0-23	
Chloroprene	ND	10.00	9.747	97	10.70	107	70-130	9	0-35	
1,1,1,2-Tetrachloroethane	ND	10.00	10.78	108	11.30	113	79-123	5	0-20	
1,1,2,2-Tetrachloroethane	ND	10.00	10.85	108	11.01	110	67-132	1	0-25	
Tetrachloroethene	ND	10.00	9.596	96	9.645	96	72-119	1	0-24	
Toluene	ND	10.00	10.33	103	10.57	106	78-120	2	0-25	
1,2,3-Trichlorobenzene	ND	10.00	10.88	109	11.05	110	70-129	1	0-27	
Ethyl Methacrylate	ND	10.00	10.23	102	10.66	107	70-130	4	0-35	
1,2,4-Trichlorobenzene	ND	10.00	10.44	104	10.64	106	71-128	2	0-26	
1,1,1-Trichloroethane	ND	10.00	9.812	98	10.03	100	66-130	2	0-30	
Hexachloro-1,3-Butadiene	ND	10.00	11.16	112	10.80	108	52-128	3	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10.00	9.698	97	10.24	102	52-145	5	0-35	
1,1,2-Trichloroethane	ND	10.00	10.45	105	10.70	107	77-124	2	0-25	
Iodomethane	ND	20.00	14.31	72	15.17	76	70-130	6	0-35	
Trichloroethene	7.942	10.00	18.15	102	18.12	102	75-116	0	0-24	
Trichlorofluoromethane	ND	10.00	9.888	99	10.44	104	62-146	5	0-36	
Isobutyl Alcohol	ND	20.00	11.52	58	16.42	82	70-130	35	0-35	3
1,2,3-Trichloropropane	ND	10.00	10.74	107	10.88	109	80-120	1	0-20	
1,2,4-Trimethylbenzene	ND	10.00	10.94	109	11.22	112	70-127	3	0-23	
Methacrylonitrile	ND	10.00	9.439	94	9.854	99	70-130	4	0-35	
Methyl Methacrylate	ND	10.00	9.738	97	10.47	105	70-130	7	0-35	
1,3,5-Trimethylbenzene	ND	10.00	11.00	110	10.93	109	72-124	1	0-23	
Vinyl Acetate	ND	10.00	7.550	75	9.474	95	45-164	23	0-74	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Vinyl Chloride	ND	10.00	9.944	99	10.41	104	60-141	5	0-34	
p/m-Xylene	ND	20.00	21.19	106	21.54	108	74-122	2	0-23	
o-Xylene	ND	10.00	10.65	106	10.80	108	74-122	1	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.650	97	9.508	95	57-144	1	0-31	
t-1,4-Dichloro-2-Butene	ND	10.00	10.36	104	10.29	103	70-130	1	0-35	
Tetrahydrofuran	ND	10.00	10.19	102	8.780	88	70-130	15	0-35	
Propionitrile	ND	10.00	9.786	98	9.940	99	70-130	2	0-35	
Tert-Butyl Alcohol (TBA)	ND	50.00	57.96	116	61.24	122	43-170	5	0-38	
Diisopropyl Ether (DIPE)	ND	10.00	9.440	94	10.72	107	70-130	13	0-35	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	9.091	91	9.934	99	70-130	9	0-35	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	9.189	92	9.519	95	70-130	4	0-35	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 12 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2033-1	**Sample**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 11:24**	**160701S002**
16-06-2033-1	**Matrix Spike**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 11:52**	**160701S002**
16-06-2033-1	**Matrix Spike Duplicate**	**Solid**	**GC/MS BB**	**06/29/16**	**07/01/16 12:19**	**160701S002**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	45.75	91	46.88	94	70-130	2	0-20	
Benzene	ND	50.00	45.31	91	45.53	91	61-127	0	0-20	
Bromobenzene	ND	50.00	50.05	100	50.29	101	70-130	0	0-20	
Bromochloromethane	ND	50.00	44.60	89	41.57	83	70-130	7	0-20	
Bromodichloromethane	ND	50.00	47.72	95	48.33	97	70-130	1	0-20	
Bromoform	ND	50.00	47.91	96	46.81	94	70-130	2	0-20	
Bromomethane	ND	50.00	51.95	104	56.37	113	70-130	8	0-20	
2-Butanone	ND	50.00	43.15	86	40.54	81	70-130	6	0-20	
n-Butylbenzene	ND	50.00	45.64	91	46.41	93	77-123	2	0-25	
sec-Butylbenzene	ND	50.00	46.21	92	46.30	93	70-130	0	0-20	
tert-Butylbenzene	ND	50.00	46.03	92	45.95	92	70-130	0	0-20	
Carbon Disulfide	ND	50.00	43.07	86	43.71	87	70-130	1	0-20	
Carbon Tetrachloride	ND	50.00	46.85	94	47.59	95	51-135	2	0-29	
Chlorobenzene	ND	50.00	47.10	94	46.80	94	57-123	1	0-20	
Chloroethane	ND	50.00	56.40	113	61.89	124	70-130	9	0-20	
Chloroform	ND	50.00	43.36	87	44.49	89	70-130	3	0-20	
Chloromethane	ND	50.00	44.12	88	46.49	93	70-130	5	0-20	
2-Chlorotoluene	ND	50.00	47.09	94	48.57	97	70-130	3	0-20	
4-Chlorotoluene	ND	50.00	46.07	92	45.92	92	70-130	0	0-20	
Dibromochloromethane	ND	50.00	48.60	97	48.18	96	70-130	1	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	46.79	94	44.82	90	70-130	4	0-20	
1,2-Dibromoethane	ND	50.00	49.25	98	48.10	96	64-124	2	0-20	
Dibromomethane	ND	50.00	46.15	92	45.61	91	70-130	1	0-20	
1,2-Dichlorobenzene	ND	50.00	46.67	93	46.30	93	35-131	1	0-25	
1,3-Dichlorobenzene	ND	50.00	46.80	94	46.99	94	70-130	0	0-20	
1,4-Dichlorobenzene	ND	50.00	46.66	93	45.96	92	70-130	2	0-20	
Dichlorodifluoromethane	ND	50.00	40.02	80	40.11	80	70-130	0	0-20	
1,1-Dichloroethane	ND	50.00	43.30	87	43.56	87	70-130	1	0-20	
1,2-Dichloroethane	ND	50.00	43.17	86	43.42	87	70-130	1	0-20	
1,1-Dichloroethene	ND	50.00	42.83	86	44.06	88	47-143	3	0-25	
c-1,2-Dichloroethene	ND	50.00	43.78	88	44.41	89	70-130	1	0-20	
t-1,2-Dichloroethene	ND	50.00	45.82	92	46.25	93	70-130	1	0-20	
1,2-Dichloropropane	ND	50.00	45.93	92	46.50	93	79-115	1	0-25	
1,3-Dichloropropane	ND	50.00	46.28	93	45.26	91	70-130	2	0-20	
2,2-Dichloropropane	ND	50.00	44.15	88	42.78	86	70-130	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	43.96	88	44.35	89	70-130	1	0-20	
c-1,3-Dichloropropene	ND	50.00	46.44	93	46.69	93	70-130	1	0-20	
t-1,3-Dichloropropene	ND	50.00	48.96	98	47.55	95	70-130	3	0-20	
Ethylbenzene	ND	50.00	48.12	96	48.10	96	57-129	0	0-22	
2-Hexanone	ND	50.00	46.01	92	44.30	89	70-130	4	0-20	
Isopropylbenzene	ND	50.00	49.07	98	49.41	99	70-130	1	0-20	
p-Isopropyltoluene	ND	50.00	47.01	94	47.35	95	70-130	1	0-20	
Methylene Chloride	ND	50.00	43.82	88	43.99	88	70-130	0	0-20	
4-Methyl-2-Pentanone	ND	50.00	46.42	93	43.43	87	70-130	7	0-20	
Naphthalene	ND	50.00	47.07	94	46.78	94	70-130	1	0-20	
n-Propylbenzene	ND	50.00	47.65	95	48.11	96	70-130	1	0-20	
Styrene	ND	50.00	49.20	98	48.87	98	70-130	1	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	50.78	102	50.45	101	70-130	1	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	46.48	93	43.31	87	70-130	7	0-20	
Tetrachloroethene	ND	50.00	54.00	108	57.91	116	70-130	7	0-20	
Toluene	ND	50.00	46.26	93	46.22	92	63-123	0	0-20	
1,2,3-Trichlorobenzene	ND	50.00	45.37	91	46.42	93	70-130	2	0-20	
1,2,4-Trichlorobenzene	ND	50.00	47.34	95	47.41	95	70-130	0	0-20	
1,1,1-Trichloroethane	ND	50.00	44.53	89	45.40	91	70-130	2	0-20	
1,1,2-Trichloroethane	ND	50.00	46.60	93	46.15	92	70-130	1	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	45.72	91	47.37	95	70-130	4	0-20	
Trichloroethene	ND	50.00	46.50	93	47.29	95	44-158	2	0-20	
1,2,3-Trichloropropane	ND	50.00	49.27	99	46.96	94	70-130	5	0-20	
1,2,4-Trimethylbenzene	ND	50.00	45.76	92	45.81	92	70-130	0	0-20	
Trichlorofluoromethane	ND	50.00	50.11	100	51.27	103	70-130	2	0-20	
1,3,5-Trimethylbenzene	ND	50.00	48.60	97	49.47	99	70-130	2	0-20	
Vinyl Acetate	ND	50.00	27.39	55	19.32	39	70-130	35	0-20	3,4
Vinyl Chloride	ND	50.00	56.61	113	60.91	122	49-139	7	0-47	
p/m-Xylene	ND	100.0	95.22	95	95.44	95	70-130	0	0-20	
o-Xylene	ND	50.00	48.25	96	48.88	98	70-130	1	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	44.60	89	43.98	88	57-123	1	0-21	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/28/16
Work Order: 16-06-2037
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2175-51	**Sample**	**Solid**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 14:30**	**160702S04**
16-06-2175-51	**PDS**	**Solid**	**ICP 7300**	**07/02/16 00:00**	**07/05/16 14:37**	**160702S04**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	24.41	98	75-125	
Arsenic	1.265	25.00	26.44	101	75-125	
Barium	52.12	25.00	76.91	99	75-125	
Beryllium	ND	25.00	25.50	102	75-125	
Cadmium	ND	25.00	25.22	101	75-125	
Chromium	8.042	25.00	33.27	101	75-125	
Cobalt	5.702	25.00	30.37	99	75-125	
Copper	3.051	25.00	29.42	105	75-125	
Lead	3.015	25.00	28.11	100	75-125	
Molybdenum	ND	25.00	24.46	98	75-125	
Nickel	4.335	25.00	29.59	101	75-125	
Selenium	ND	25.00	24.91	100	75-125	
Silver	ND	12.50	12.76	102	75-125	
Thallium	ND	25.00	25.18	101	75-125	
Vanadium	26.70	25.00	50.42	95	75-125	
Zinc	13.73	25.00	38.62	100	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2029-10	**Sample**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:00**	**160630SA2**
16-06-2029-10	**PDS**	**Aqueous**	**ICP 7300**	**06/30/16 00:00**	**07/01/16 13:04**	**160630SA2**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	0.5000	0.5056	101	75-125	
Arsenic	ND	0.5000	0.5028	101	75-125	
Barium	0.02259	0.5000	0.5211	100	75-125	
Beryllium	ND	0.5000	0.4994	100	75-125	
Cadmium	ND	0.5000	0.5080	102	75-125	
Chromium	ND	0.5000	0.4975	99	75-125	
Cobalt	ND	0.5000	0.5163	103	75-125	
Copper	ND	0.5000	0.5165	103	75-125	
Lead	ND	0.5000	0.4830	97	75-125	
Molybdenum	0.02077	0.5000	0.5206	100	75-125	
Nickel	ND	0.5000	0.4890	98	75-125	
Selenium	ND	0.5000	0.4911	98	75-125	
Silver	ND	0.2500	0.2516	101	75-125	
Thallium	ND	0.5000	0.4828	97	75-125	
Vanadium	0.05304	0.5000	0.5554	100	75-125	
Zinc	0.01178	0.5000	0.5512	108	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2033-10	**Sample**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:19**	**160706SA1**
16-06-2033-10	**PDS**	**Aqueous**	**Mercury 04**	**07/06/16 00:00**	**07/06/16 15:50**	**160706SA1**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.01000	0.008861	89	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
16-06-2032-5	**Sample**	**Solid**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 11:54**	**160706S04**
16-06-2032-5	**PDS**	**Solid**	**Mercury 05**	**07/06/16 00:00**	**07/07/16 12:57**	**160706S04**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.8350	0.8850	106	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,	Date Received: 06/28/16
5333 Mission Center Rd., Suite 300	Work Order: 16-06-2037
San Diego, CA 92108-1350	Preparation: N/A
	Method: ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559	Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-06-2036-1	**Sample**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 22:00**	**G0629MOID6**
16-06-2036-1	**Sample Duplicate**	**Solid**	**N/A**	**06/29/16 00:00**	**06/29/16 22:00**	**G0629MOID6**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	15.10	15.60	3	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8310
Project: UTAS - Due Diligence / 43559			Page 1 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-07-002-1879	**LCS**	**Solid**	**HPLC 5**	**07/02/16**	**07/05/16 17:34**	**160702L06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	100.0	111.0	111	17-203	0-234	
Acenaphthylene	100.0	74.49	74	50-120	38-132	
Acenaphthene	100.0	67.86	68	41-120	28-133	
Fluorene	100.0	68.67	69	51-120	40-132	
Phenanthrene	100.0	72.34	72	56-120	45-131	
Anthracene	100.0	68.27	68	49-120	37-132	
Fluoranthene	100.0	76.06	76	60-120	50-130	
Pyrene	100.0	84.09	84	61-121	51-131	
Benzo (a) Anthracene	100.0	82.09	82	61-121	51-131	
Chrysene	100.0	79.59	80	61-121	51-131	
Benzo (b) Fluoranthene	100.0	78.09	78	61-121	51-131	
Benzo (k) Fluoranthene	100.0	73.51	74	57-129	45-141	
Benzo (a) Pyrene	100.0	75.84	76	43-120	30-133	
Dibenz (a,h) Anthracene	100.0	76.90	77	59-125	48-136	
Benzo (g,h,i) Perylene	100.0	83.03	83	57-123	46-134	
Indeno (1,2,3-c,d) Pyrene	100.0	79.05	79	64-130	53-141	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 2 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2146	**LCS**	**Solid**	**GC 48**	**06/30/16**	**07/01/16 21:20**	**160630B06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	355.1	89	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3050B
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 3 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22888	**LCS**	**Solid**	**ICP 7300**	**07/02/16**	**07/05/16 13:29**	**160702L04U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	25.12	100	80-120	73-127	
Arsenic	25.00	24.76	99	80-120	73-127	
Barium	25.00	26.69	107	80-120	73-127	
Beryllium	25.00	24.29	97	80-120	73-127	
Cadmium	25.00	25.84	103	80-120	73-127	
Chromium	25.00	26.43	106	80-120	73-127	
Cobalt	25.00	26.96	108	80-120	73-127	
Copper	25.00	26.18	105	80-120	73-127	
Lead	25.00	26.01	104	80-120	73-127	
Molybdenum	25.00	25.05	100	80-120	73-127	
Nickel	25.00	27.32	109	80-120	73-127	
Selenium	25.00	24.12	96	80-120	73-127	
Silver	12.50	13.04	104	80-120	73-127	
Thallium	25.00	26.15	105	80-120	73-127	
Vanadium	25.00	25.15	101	80-120	73-127	
Zinc	25.00	29.30	117	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
Project: UTAS - Due Diligence / 43559			Page 4 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-460-98	**LCS**	**Aqueous**	**ICP 7300**	**06/30/16**	**07/01/16 12:29**	**160630LA2U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	0.5000	0.4709	94	80-120	73-127	
Arsenic	0.5000	0.4486	90	80-120	73-127	
Barium	0.5000	0.4910	98	80-120	73-127	
Beryllium	0.5000	0.4458	89	80-120	73-127	
Cadmium	0.5000	0.4796	96	80-120	73-127	
Chromium	0.5000	0.4805	96	80-120	73-127	
Cobalt	0.5000	0.5087	102	80-120	73-127	
Copper	0.5000	0.4784	96	80-120	73-127	
Lead	0.5000	0.4913	98	80-120	73-127	
Molybdenum	0.5000	0.4732	95	80-120	73-127	
Nickel	0.5000	0.4797	96	80-120	73-127	
Selenium	0.5000	0.4394	88	80-120	73-127	
Silver	0.2500	0.2368	95	80-120	73-127	
Thallium	0.5000	0.4896	98	80-120	73-127	
Vanadium	0.5000	0.4589	92	80-120	73-127	
Zinc	0.5000	0.4847	97	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 7470A Filt.
		Method:	EPA 7470A
Project: UTAS - Due Diligence / 43559			Page 5 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-456-3	**LCS**	**Aqueous**	**Mercury 04**	**07/06/16**	**07/06/16 15:16**	**160706LA1F**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.01000	0.01003	100	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 7471A Total
		Method:	EPA 7471A
Project: UTAS - Due Diligence / 43559			Page 6 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-45	**LCS**	**Solid**	**Mercury 05**	**07/06/16**	**07/07/16 11:46**	**160706L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.7925	95	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8081A
Project: UTAS - Due Diligence / 43559			Page 7 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-537-2463	**LCS**	**Solid**	**GC 41**	**07/05/16**	**07/08/16 13:31**	**160705L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Aldrin	25.00	21.00	84	50-135	36-149	
Alpha-BHC	25.00	20.87	83	50-135	36-149	
Beta-BHC	25.00	21.05	84	50-135	36-149	
4,4'-DDD	25.00	26.47	106	50-135	36-149	
4,4'-DDE	25.00	23.99	96	50-135	36-149	
4,4'-DDT	25.00	26.34	105	50-135	36-149	
Delta-BHC	25.00	23.55	94	50-135	36-149	
Dieldrin	25.00	23.98	96	50-135	36-149	
Endosulfan I	25.00	22.01	88	50-135	36-149	
Endosulfan II	25.00	27.68	111	50-135	36-149	
Endosulfan Sulfate	25.00	27.28	109	50-135	36-149	
Endrin	25.00	26.76	107	50-135	36-149	
Endrin Aldehyde	25.00	25.67	103	50-135	36-149	
Gamma-BHC	25.00	21.41	86	50-135	36-149	
Heptachlor	25.00	22.91	92	50-135	36-149	
Heptachlor Epoxide	25.00	22.78	91	50-135	36-149	
Methoxychlor	25.00	30.50	122	50-135	36-149	

Total number of LCS compounds: 17
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 3545
		Method:	EPA 8082
Project: UTAS - Due Diligence / 43559			Page 8 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-535-3815	**LCS**	**Solid**	**GC 58**	**07/05/16**	**07/08/16 11:31**	**160705L05**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Aroclor-1016	100.0	86.00	86	50-135	
Aroclor-1260	100.0	96.00	96	50-135	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 9 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-446-107	**LCS**	**Aqueous**	**GC/MS L**	**07/06/16**	**07/06/16 09:59**	**160706L009**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	10.00	6.703	67	51-163	32-182	
Benzene	10.00	9.513	95	77-121	70-128	
Bromobenzene	10.00	9.375	94	78-120	71-127	
Bromochloromethane	10.00	9.106	91	71-135	60-146	
Bromodichloromethane	10.00	10.04	100	72-129	62-138	
Bromoform	10.00	10.25	102	61-140	48-153	
Bromomethane	10.00	8.378	84	63-140	50-153	
2-Butanone	10.00	7.833	78	55-138	41-152	
n-Butylbenzene	10.00	10.75	107	67-127	57-137	
sec-Butylbenzene	10.00	10.43	104	66-122	57-131	
tert-Butylbenzene	10.00	10.27	103	73-120	65-128	
Carbon Disulfide	10.00	8.565	86	27-170	3-194	
Carbon Tetrachloride	10.00	10.32	103	64-135	52-147	
Chlorobenzene	10.00	9.502	95	80-120	73-127	
Chloroethane	10.00	9.102	91	67-131	56-142	
2-Chloroethyl Vinyl Ether	10.00	3.350	33	60-139	47-152	X
Chloroform	10.00	9.345	93	75-126	66-134	
Chloromethane	10.00	9.868	99	54-143	39-158	
2-Chlorotoluene	10.00	9.820	98	64-123	54-133	
4-Chlorotoluene	10.00	9.997	100	67-126	57-136	
Dibromochloromethane	10.00	9.809	98	76-132	67-141	
1,2-Dibromo-3-Chloropropane	10.00	9.259	93	65-125	55-135	
1,2-Dibromoethane	10.00	8.976	90	74-130	65-139	
Dibromomethane	10.00	8.861	89	75-127	66-136	
1,2-Dichlorobenzene	10.00	9.829	98	78-120	71-127	
1,3-Dichlorobenzene	10.00	9.818	98	75-120	68-128	
1,4-Dichlorobenzene	10.00	9.701	97	78-120	71-127	
Dichlorodifluoromethane	10.00	10.51	105	25-168	1-192	
1,1-Dichloroethane	10.00	8.793	88	63-144	50-158	
1,2-Dichloroethane	10.00	8.961	90	72-130	62-140	
1,1-Dichloroethene	10.00	8.777	88	66-130	55-141	
c-1,2-Dichloroethene	10.00	9.179	92	76-123	68-131	
t-1,2-Dichloroethene	10.00	9.328	93	67-129	57-139	
Acetonitrile	20.00	17.47	87	70-130	60-140	
1,2-Dichloropropane	10.00	9.392	94	74-122	66-130	
Acrolein	20.00	19.50	98	70-130	60-140	
Acrylonitrile	10.00	7.961	80	65-149	51-163	
1,3-Dichloropropane	10.00	9.017	90	74-128	65-137	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2037
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 10 of 13

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
2,2-Dichloropropane	10.00	9.560	96	68-125	58-134	
Allyl Chloride	10.00	8.626	86	70-130	60-140	
1,1-Dichloropropene	10.00	9.240	92	68-119	60-128	
c-1,3-Dichloropropene	10.00	9.260	93	76-126	68-134	
t-1,3-Dichloropropene	10.00	9.274	93	71-127	62-136	
Ethylbenzene	10.00	9.861	99	78-120	71-127	
2-Hexanone	10.00	7.759	78	61-137	48-150	
Isopropylbenzene	10.00	9.939	99	71-123	62-132	
p-Isopropyltoluene	10.00	10.77	108	68-122	59-131	
Methylene Chloride	10.00	9.002	90	71-129	61-139	
4-Methyl-2-Pentanone	10.00	7.816	78	60-136	47-149	
Naphthalene	10.00	9.336	93	55-159	38-176	
n-Propylbenzene	10.00	10.03	100	64-125	54-135	
Styrene	10.00	9.816	98	77-120	70-127	
Chloroprene	10.00	9.420	94	70-130	60-140	
1,1,1,2-Tetrachloroethane	10.00	10.42	104	79-123	72-130	
1,1,2,2-Tetrachloroethane	10.00	9.345	93	67-132	56-143	
Tetrachloroethene	10.00	9.257	93	72-119	64-127	
Toluene	10.00	9.658	97	78-120	71-127	
1,2,3-Trichlorobenzene	10.00	9.747	97	70-129	60-139	
Ethyl Methacrylate	10.00	8.339	83	70-130	60-140	
1,2,4-Trichlorobenzene	10.00	9.722	97	71-128	62-138	
1,1,1-Trichloroethane	10.00	9.441	94	66-130	55-141	
Hexachloro-1,3-Butadiene	10.00	11.51	115	52-128	39-141	
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.00	10.05	100	52-145	36-160	
1,1,2-Trichloroethane	10.00	9.021	90	77-124	69-132	
Iodomethane	20.00	15.15	76	70-130	60-140	
Trichloroethene	10.00	9.350	93	75-116	68-123	
Trichlorofluoromethane	10.00	10.41	104	62-146	48-160	
Isobutyl Alcohol	20.00	12.46	62	70-130	60-140	ME
1,2,3-Trichloropropane	10.00	8.988	90	80-120	73-127	
1,2,4-Trimethylbenzene	10.00	10.68	107	70-127	60-136	
Methacrylonitrile	10.00	7.842	78	70-130	60-140	
Methyl Methacrylate	10.00	8.084	81	70-130	60-140	
1,3,5-Trimethylbenzene	10.00	10.35	104	72-124	63-133	
Vinyl Acetate	10.00	5.614	56	45-164	25-184	
Vinyl Chloride	10.00	9.663	97	60-141	46-154	
p/m-Xylene	20.00	19.95	100	74-122	66-130	
o-Xylene	10.00	9.861	99	74-122	66-130	
Methyl-t-Butyl Ether (MTBE)	10.00	8.136	81	57-144	42-158	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2037
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 11 of 13

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
t-1,4-Dichloro-2-Butene	10.00	8.856	89	70-130	60-140	
Tetrahydrofuran	10.00	7.772	78	70-130	60-140	
Propionitrile	10.00	8.447	84	70-130	60-140	
Tert-Butyl Alcohol (TBA)	50.00	52.06	104	43-170	22-191	
Diisopropyl Ether (DIPE)	10.00	8.576	86	70-130	60-140	
Ethyl-t-Butyl Ether (ETBE)	10.00	8.101	81	70-130	60-140	
Tert-Amyl-Methyl Ether (TAME)	10.00	7.546	75	70-130	60-140	

Total number of LCS compounds: 85
Total number of ME compounds: 1
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/28/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2037
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 12 of 13

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-574	**LCS**	**Solid**	**GC/MS BB**	**07/01/16**	**07/01/16 09:30**	**160701L002**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	50.63	101	70-130	60-140	
Benzene	50.00	49.15	98	78-120	71-127	
Bromobenzene	50.00	54.83	110	70-130	60-140	
Bromochloromethane	50.00	46.58	93	70-130	60-140	
Bromodichloromethane	50.00	51.26	103	70-130	60-140	
Bromoform	50.00	49.85	100	70-130	60-140	
Bromomethane	50.00	58.91	118	70-130	60-140	
2-Butanone	50.00	39.58	79	70-130	60-140	
n-Butylbenzene	50.00	52.14	104	77-123	69-131	
sec-Butylbenzene	50.00	51.30	103	70-130	60-140	
tert-Butylbenzene	50.00	51.77	104	70-130	60-140	
Carbon Disulfide	50.00	58.70	117	70-130	60-140	
Carbon Tetrachloride	50.00	50.40	101	49-139	34-154	
Chlorobenzene	50.00	51.57	103	79-120	72-127	
Chloroethane	50.00	67.04	134	70-130	60-140	ME
Chloroform	50.00	47.44	95	70-130	60-140	
Chloromethane	50.00	54.36	109	70-130	60-140	
2-Chlorotoluene	50.00	52.90	106	70-130	60-140	
4-Chlorotoluene	50.00	50.48	101	70-130	60-140	
Dibromochloromethane	50.00	51.19	102	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	46.53	93	70-130	60-140	
1,2-Dibromoethane	50.00	50.31	101	70-130	60-140	
Dibromomethane	50.00	47.90	96	70-130	60-140	
1,2-Dichlorobenzene	50.00	51.17	102	75-120	68-128	
1,3-Dichlorobenzene	50.00	51.81	104	70-130	60-140	
1,4-Dichlorobenzene	50.00	50.91	102	70-130	60-140	
Dichlorodifluoromethane	50.00	43.69	87	70-130	60-140	
1,1-Dichloroethane	50.00	47.14	94	70-130	60-140	
1,2-Dichloroethane	50.00	44.89	90	70-130	60-140	
1,1-Dichloroethene	50.00	51.67	103	74-122	66-130	
c-1,2-Dichloroethene	50.00	47.39	95	70-130	60-140	
t-1,2-Dichloroethene	50.00	48.75	98	70-130	60-140	
1,2-Dichloropropane	50.00	49.03	98	79-115	73-121	
1,3-Dichloropropane	50.00	47.78	96	70-130	60-140	
2,2-Dichloropropane	50.00	48.28	97	70-130	60-140	
1,1-Dichloropropene	50.00	47.00	94	70-130	60-140	
c-1,3-Dichloropropene	50.00	50.46	101	70-130	60-140	
t-1,3-Dichloropropene	50.00	52.30	105	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/28/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2037
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 13 of 13

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	52.10	104	76-120	69-127	
2-Hexanone	50.00	42.55	85	70-130	60-140	
Isopropylbenzene	50.00	53.73	107	70-130	60-140	
p-Isopropyltoluene	50.00	52.39	105	70-130	60-140	
Methylene Chloride	50.00	47.80	96	70-130	60-140	
4-Methyl-2-Pentanone	50.00	43.63	87	70-130	60-140	
Naphthalene	50.00	49.83	100	70-130	60-140	
n-Propylbenzene	50.00	53.35	107	70-130	60-140	
Styrene	50.00	53.66	107	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	54.29	109	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	45.65	91	70-130	60-140	
Tetrachloroethene	50.00	51.50	103	70-130	60-140	
Toluene	50.00	49.84	100	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	51.83	104	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	53.58	107	70-130	60-140	
1,1,1-Trichloroethane	50.00	47.99	96	70-130	60-140	
1,1,2-Trichloroethane	50.00	47.67	95	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	52.41	105	70-130	60-140	
Trichloroethene	50.00	50.25	100	70-130	60-140	
1,2,3-Trichloropropane	50.00	48.99	98	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	50.12	100	70-130	60-140	
Trichlorofluoromethane	50.00	54.42	109	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	54.06	108	70-130	60-140	
Vinyl Acetate	50.00	37.89	76	70-130	60-140	
Vinyl Chloride	50.00	63.37	127	68-122	59-131	ME
p/m-Xylene	100.0	104.6	105	70-130	60-140	
o-Xylene	50.00	52.72	105	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	45.76	92	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 2
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-2037 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 6010B	EPA 3005A Filt.	935	ICP 7300	1
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7470A	EPA 7470A Filt.	868	Mercury 04	1
EPA 7471A	EPA 7471A Total	868	Mercury 05	1
EPA 8015B (M)	EPA 3550B	682	GC 46	1
EPA 8015B (M)	EPA 3550B	682	GC 48	1
EPA 8081A	EPA 3545	669	GC 44	1
EPA 8082	EPA 3545	944	GC 58	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B	EPA 5030C	867	GC/MS BB	2
EPA 8310	EPA 3545	960	HPLC 5	1

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Glossary of Terms and Qualifiers

Work Order: 16-06-2037 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 1

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200
San Diego, CA 92108

TEL: 619-285-7141 | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due ~~Diligence~~ Diligence / 43559

PROJECT CONTACT: Robert K. Scott

SAMPLER(S): (SIGNATURE)

P.O. NO.:

LAB USE ONLY: 16-06-2037

COELT LOG CODE

COOLER RECEIPT Temp = °C

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ COELT EDF ☐ _____

SPECIAL INSTRUCTIONS: UTC Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	PAHs	OCPs	Hold				CONTAINER TYPE
1		BB-24-01	6/28/16	1120	Soil	1	X	X	X	X			X					
2		BB-24-03		1122	Soil	1	X	X	X	X								
3		BB-24-10		1124	Soil	1	X	X	X	X				X				Hold Sample
4		BB-23-01		1147	Soil	1	X	X	X	X		X	X					
5		BB-23-03		1149	Soil	1	X	X	X	X								
6		BB-23-10		1152	Soil	1	X	X	X	X				X				Hold Sample
7		BB-23-GW		1200	water	6	X	X										
8		Trip Blank			W	2	X											
9		Trip Blank			W	2												

Relinquished by: (Signature)	Received by: (Signature) ECL	Date: 06/28/16	Time: 1545
Relinquished by: (Signature)	Received by: (Signature) ECL	Date: 062816	Time: 1900.
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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WORK ORDER NUMBER: 16-06- 2057

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 06 / 28 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.1 °C (w/ CF): 3.1 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 671

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 671

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1013

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☐	☑	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☑ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☑	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500) @ 6/28/16			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: S (Trip Blank Lot Number: 160607C)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☑ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☑ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1013

Reviewed by: 681

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WORK ORDER NUMBER: 16-06-2037

SAMPLE ANOMALY REPORT

DATE: 06 / 28 / 2016

SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☐ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**
7	B	5			

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

Reported by: 1013

Reviewed by: 681

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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WORK ORDER NUMBER: 16-06-2174

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/14/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 16-06-2174

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Work Order Narrative

Work Order: 16-06-2174 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/29/16. They were assigned to Work Order 16-06-2174.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-06-2174

EPA Method 8260B Volatile Organics:

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160701S005	Vinyl Acetate[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2174
		Project Name:	UTAS - Due Diligence / 43559
		PO Number:	
		Date/Time Received:	06/29/16 19:45
		Number of Containers:	12
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
BB-08A-01	16-06-2174-1	06/28/16 15:35	1	Solid
BB-08A-04	16-06-2174-2	06/28/16 15:37	1	Solid
BB-08A-08	16-06-2174-3	06/28/16 15:38	1	Solid
BB-08A-10	16-06-2174-4	06/28/16 15:39	1	Solid
BB-08B-01	16-06-2174-5	06/28/16 15:54	1	Solid
BB-08B-04	16-06-2174-6	06/28/16 15:56	1	Solid
BB-08B-08	16-06-2174-7	06/28/16 15:57	1	Solid
BB-08B-10	16-06-2174-8	06/28/16 15:58	1	Solid
BB-08C-04	16-06-2174-9	06/28/16 16:21	1	Solid
BB-08C-01	16-06-2174-10	06/28/16 16:19	1	Solid
BB-08C-08	16-06-2174-11	06/28/16 16:22	1	Solid
BB-08C-10	16-06-2174-12	06/28/16 16:23	1	Solid

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2174
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/29/16
Attn:	Robert K. Scott		Page 1 of 2

Client SampleID Analyte	Result	Qualifiers	RL	Units	Method	Extraction
BB-08A-04 (16-06-2174-2)						
Moisture	23		0.10	%	ASTM D-2216 (M)	N/A
C13-C14	2.7	J	1.2*	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	2.7	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
BB-08A-08 (16-06-2174-3)						
Moisture	13		0.10	%	ASTM D-2216 (M)	N/A
BB-08A-10 (16-06-2174-4)						
Moisture	15		0.10	%	ASTM D-2216 (M)	N/A
1,1-Dichloroethane	0.37	J	0.21*	ug/kg	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.61	J	0.28*	ug/kg	EPA 8260B	EPA 5030C
Trichloroethene	5.8		4.9	ug/kg	EPA 8260B	EPA 5030C
BB-08B-04 (16-06-2174-6)						
Moisture	21		0.10	%	ASTM D-2216 (M)	N/A
BB-08B-08 (16-06-2174-7)						
Moisture	15		0.10	%	ASTM D-2216 (M)	N/A
Trichloroethene	2.1	J	0.31*	ug/kg	EPA 8260B	EPA 5030C
BB-08B-10 (16-06-2174-8)						
Moisture	18		0.10	%	ASTM D-2216 (M)	N/A
Trichloroethene	0.69	J	0.30*	ug/kg	EPA 8260B	EPA 5030C
BB-08C-04 (16-06-2174-9)						
Moisture	11		0.10	%	ASTM D-2216 (M)	N/A
C9-C10	1.7	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C13-C14	1.9	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C15-C16	4.4	J	1.3*	mg/kg	EPA 8015B (M)	EPA 3550B
C17-C18	5.7		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C19-C20	15		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C21-C22	7.8		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C23-C24	23		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C25-C28	14		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C29-C32	47		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C33-C36	21		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C37-C40	13		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
C6-C44 Total	160		5.0	mg/kg	EPA 8015B (M)	EPA 3550B
Acetone	26	J	6.3*	ug/kg	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	7.1		5.1	ug/kg	EPA 8260B	EPA 5030C
Trichloroethene	2.0	J	0.31*	ug/kg	EPA 8260B	EPA 5030C
BB-08C-08 (16-06-2174-11)						
Moisture	5.6		0.10	%	ASTM D-2216 (M)	N/A
Acetone	17	J	6.2*	ug/kg	EPA 8260B	EPA 5030C

* MDL is shown

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-06-2174
		Project Name:	UTAS - Due Diligence / 43559
		Received:	06/29/16
Attn:	Robert K. Scott		Page 2 of 2

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-04	**16-06-2174-2-A**	**06/28/16 15:37**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	23	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-08	**16-06-2174-3-A**	**06/28/16 15:38**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	13	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-10	**16-06-2174-4-A**	**06/28/16 15:39**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	15	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-04	**16-06-2174-6-A**	**06/28/16 15:56**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	21	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-08	**16-06-2174-7-A**	**06/28/16 15:57**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	15	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-10	**16-06-2174-8-A**	**06/28/16 15:58**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	18	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08C-04	**16-06-2174-9-A**	**06/28/16 16:21**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08C-08	**16-06-2174-11-A**	**06/28/16 16:22**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	5.6	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6086**	**N/A**	**Solid**	**N/A**	**06/30/16**	**06/30/16 23:00**	**G0630MOIB2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-04	**16-06-2174-2-AA**	**06/28/16 15:37**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 10:08**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	2.7	5.0	1.2	1.00	J
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	ND	5.0	1.2	1.00	
C21-C22	ND	5.0	1.2	1.00	
C23-C24	ND	5.0	1.2	1.00	
C25-C28	ND	5.0	1.2	1.00	
C29-C32	ND	5.0	1.2	1.00	
C33-C36	ND	5.0	1.2	1.00	
C37-C40	ND	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	2.7	5.0	1.3	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	97	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-08	**16-06-2174-3-AA**	**06/28/16 15:38**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 10:26**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-10	**16-06-2174-4-AA**	**06/28/16 15:39**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 10:43**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	96	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-04	**16-06-2174-6-AA**	**06/28/16 15:56**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 11:01**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	ND	5.0	1.2	1.00	
C21-C22	ND	5.0	1.2	1.00	
C23-C24	ND	5.0	1.2	1.00	
C25-C28	ND	5.0	1.2	1.00	
C29-C32	ND	5.0	1.2	1.00	
C33-C36	ND	5.0	1.2	1.00	
C37-C40	ND	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	100	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-08	**16-06-2174-7-AA**	**06/28/16 15:57**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 11:35**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	ND	5.0	1.2	1.00	
C21-C22	ND	5.0	1.2	1.00	
C23-C24	ND	5.0	1.2	1.00	
C25-C28	ND	5.0	1.2	1.00	
C29-C32	ND	5.0	1.2	1.00	
C33-C36	ND	5.0	1.2	1.00	
C37-C40	ND	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	97	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-10	**16-06-2174-8-AA**	**06/28/16 15:58**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 11:53**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	103	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08C-04	**16-06-2174-9-AA**	**06/28/16 16:21**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 12:10**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	1.7	5.0	1.3	1.00	J
C11-C12	ND	5.0	1.3	1.00	
C13-C14	1.9	5.0	1.3	1.00	J
C15-C16	4.4	5.0	1.3	1.00	J
C17-C18	5.7	5.0	1.3	1.00	
C19-C20	15	5.0	1.3	1.00	
C21-C22	7.8	5.0	1.3	1.00	
C23-C24	23	5.0	1.3	1.00	
C25-C28	14	5.0	1.3	1.00	
C29-C32	47	5.0	1.3	1.00	
C33-C36	21	5.0	1.3	1.00	
C37-C40	13	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	160	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	97	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08C-08	**16-06-2174-11-AA**	**06/28/16 16:22**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 12:28**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.
- The total concentration includes individual carbon range concentrations (estimated), if any, below the RL reported as ND.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.2	1.00	
C7	ND	5.0	1.2	1.00	
C8	ND	5.0	1.2	1.00	
C9-C10	ND	5.0	1.2	1.00	
C11-C12	ND	5.0	1.2	1.00	
C13-C14	ND	5.0	1.2	1.00	
C15-C16	ND	5.0	1.2	1.00	
C17-C18	ND	5.0	1.2	1.00	
C19-C20	ND	5.0	1.2	1.00	
C21-C22	ND	5.0	1.2	1.00	
C23-C24	ND	5.0	1.2	1.00	
C25-C28	ND	5.0	1.2	1.00	
C29-C32	ND	5.0	1.2	1.00	
C33-C36	ND	5.0	1.2	1.00	
C37-C40	ND	5.0	1.2	1.00	
C41-C44	ND	5.0	1.2	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	95	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 3550B
Method: EPA 8015B (M)
Units: mg/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-490-2152**	**N/A**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 05:48**	**160706B06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
C6	ND	5.0	1.3	1.00	
C7	ND	5.0	1.3	1.00	
C8	ND	5.0	1.3	1.00	
C9-C10	ND	5.0	1.3	1.00	
C11-C12	ND	5.0	1.3	1.00	
C13-C14	ND	5.0	1.3	1.00	
C15-C16	ND	5.0	1.3	1.00	
C17-C18	ND	5.0	1.3	1.00	
C19-C20	ND	5.0	1.3	1.00	
C21-C22	ND	5.0	1.3	1.00	
C23-C24	ND	5.0	1.3	1.00	
C25-C28	ND	5.0	1.3	1.00	
C29-C32	ND	5.0	1.3	1.00	
C33-C36	ND	5.0	1.3	1.00	
C37-C40	ND	5.0	1.3	1.00	
C41-C44	ND	5.0	1.3	1.00	
C6-C44 Total	ND	5.0	1.3	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	96	61-145	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-04	**16-06-2174-2-A**	**06/28/16 15:37**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 14:43**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.3	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.23	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.21	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.51	1.00	
1,2-Dichloropropane	ND	5.1	0.44	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.61	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.55	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.31	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	ND	5.1	0.30	1.00	
1,2,3-Trichloropropane	ND	5.1	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.59	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	109	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-08	**16-06-2174-3-A**	**06/28/16 15:38**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 16:29**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.77	1.00	
1,2-Dichlorobenzene	ND	4.9	0.23	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.28	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.50	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	109	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08A-10	**16-06-2174-4-A**	**06/28/16 15:39**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 16:56**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.77	1.00	
1,2-Dichlorobenzene	ND	4.9	0.23	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.44	1.00	
1,1-Dichloroethane	0.37	4.9	0.21	1.00	J
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	0.61	4.9	0.28	1.00	J
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.33	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.60	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.3	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.50	1.00	
Styrene	ND	4.9	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.31	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	5.8	4.9	0.30	1.00	
1,2,3-Trichloropropane	ND	4.9	0.82	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.58	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.50	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-04	**16-06-2174-6-A**	**06/28/16 15:56**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 17:22**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.1	1.00	
Benzene	ND	4.9	0.13	1.00	
Bromobenzene	ND	4.9	0.21	1.00	
Bromochloromethane	ND	4.9	0.68	1.00	
Bromodichloromethane	ND	4.9	0.23	1.00	
Bromoform	ND	4.9	0.78	1.00	
Bromomethane	ND	25	9.2	1.00	
2-Butanone	ND	49	3.7	1.00	
n-Butylbenzene	ND	4.9	0.15	1.00	
sec-Butylbenzene	ND	4.9	0.57	1.00	
tert-Butylbenzene	ND	4.9	0.15	1.00	
Carbon Disulfide	ND	49	0.30	1.00	
Carbon Tetrachloride	ND	4.9	0.28	1.00	
Chlorobenzene	ND	4.9	0.22	1.00	
Chloroethane	ND	4.9	1.5	1.00	
Chloroform	ND	4.9	0.23	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	4.9	0.23	1.00	
4-Chlorotoluene	ND	4.9	0.21	1.00	
Dibromochloromethane	ND	4.9	0.56	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.8	1.7	1.00	
1,2-Dibromoethane	ND	4.9	0.25	1.00	
Dibromomethane	ND	4.9	0.76	1.00	
1,2-Dichlorobenzene	ND	4.9	0.22	1.00	
1,3-Dichlorobenzene	ND	4.9	0.17	1.00	
1,4-Dichlorobenzene	ND	4.9	0.22	1.00	
Dichlorodifluoromethane	ND	4.9	0.43	1.00	
1,1-Dichloroethane	ND	4.9	0.21	1.00	
1,2-Dichloroethane	ND	4.9	0.31	1.00	
1,1-Dichloroethene	ND	4.9	0.34	1.00	
c-1,2-Dichloroethene	ND	4.9	0.27	1.00	
t-1,2-Dichloroethene	ND	4.9	0.50	1.00	
1,2-Dichloropropane	ND	4.9	0.43	1.00	
1,3-Dichloropropane	ND	4.9	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	4.9	0.32	1.00	
1,1-Dichloropropene	ND	4.9	0.32	1.00	
c-1,3-Dichloropropene	ND	4.9	0.25	1.00	
t-1,3-Dichloropropene	ND	4.9	0.59	1.00	
Ethylbenzene	ND	4.9	0.15	1.00	
2-Hexanone	ND	49	1.7	1.00	
Isopropylbenzene	ND	4.9	0.54	1.00	
p-Isopropyltoluene	ND	4.9	0.62	1.00	
Methylene Chloride	ND	49	1.3	1.00	
4-Methyl-2-Pentanone	ND	49	4.2	1.00	
Naphthalene	ND	49	0.80	1.00	
n-Propylbenzene	ND	4.9	0.49	1.00	
Styrene	ND	4.9	0.59	1.00	
1,1,1,2-Tetrachloroethane	ND	4.9	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	4.9	0.34	1.00	
Tetrachloroethene	ND	4.9	0.21	1.00	
Toluene	ND	4.9	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.8	0.90	1.00	
1,2,4-Trichlorobenzene	ND	4.9	0.30	1.00	
1,1,1-Trichloroethane	ND	4.9	0.22	1.00	
1,1,2-Trichloroethane	ND	4.9	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	49	0.35	1.00	
Trichloroethene	ND	4.9	0.29	1.00	
1,2,3-Trichloropropane	ND	4.9	0.81	1.00	
1,2,4-Trimethylbenzene	ND	4.9	0.57	1.00	
Trichlorofluoromethane	ND	49	0.37	1.00	
1,3,5-Trimethylbenzene	ND	4.9	0.54	1.00	
Vinyl Acetate	ND	49	4.7	1.00	
Vinyl Chloride	ND	4.9	0.49	1.00	
p/m-Xylene	ND	4.9	0.26	1.00	
o-Xylene	ND	4.9	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.9	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	105	63-141	
1,2-Dichloroethane-d4	113	62-146	
Toluene-d8	100	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-08	**16-06-2174-7-A**	**06/28/16 15:57**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 17:49**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	130	6.4	1.00	
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	26	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	26	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.22	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	ND	5.1	0.29	1.00	
t-1,2-Dichloroethene	ND	5.1	0.52	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.62	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.53	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	2.1	5.1	0.31	1.00	J
1,2,3-Trichloropropane	ND	5.1	0.85	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08B-10	**16-06-2174-8-A**	**06/28/16 15:58**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 18:15**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	0.69	5.0	0.30	1.00	J
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	105	63-141	
1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	100	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08C-04	**16-06-2174-9-A**	**06/28/16 16:21**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 18:42**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	26	130	6.3	1.00	J
Benzene	ND	5.1	0.13	1.00	
Bromobenzene	ND	5.1	0.21	1.00	
Bromochloromethane	ND	5.1	0.70	1.00	
Bromodichloromethane	ND	5.1	0.24	1.00	
Bromoform	ND	5.1	0.81	1.00	
Bromomethane	ND	25	9.6	1.00	
2-Butanone	ND	51	3.8	1.00	
n-Butylbenzene	ND	5.1	0.16	1.00	
sec-Butylbenzene	ND	5.1	0.59	1.00	
tert-Butylbenzene	ND	5.1	0.15	1.00	
Carbon Disulfide	ND	51	0.31	1.00	
Carbon Tetrachloride	ND	5.1	0.29	1.00	
Chlorobenzene	ND	5.1	0.23	1.00	
Chloroethane	ND	5.1	1.5	1.00	
Chloroform	ND	5.1	0.24	1.00	
Chloromethane	ND	25	0.31	1.00	
2-Chlorotoluene	ND	5.1	0.24	1.00	
4-Chlorotoluene	ND	5.1	0.22	1.00	
Dibromochloromethane	ND	5.1	0.58	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.8	1.00	
1,2-Dibromoethane	ND	5.1	0.26	1.00	
Dibromomethane	ND	5.1	0.79	1.00	
1,2-Dichlorobenzene	ND	5.1	0.23	1.00	
1,3-Dichlorobenzene	ND	5.1	0.18	1.00	
1,4-Dichlorobenzene	ND	5.1	0.23	1.00	
Dichlorodifluoromethane	ND	5.1	0.45	1.00	
1,1-Dichloroethane	ND	5.1	0.21	1.00	
1,2-Dichloroethane	ND	5.1	0.32	1.00	
1,1-Dichloroethene	ND	5.1	0.35	1.00	
c-1,2-Dichloroethene	7.1	5.1	0.28	1.00	
t-1,2-Dichloroethene	ND	5.1	0.51	1.00	
1,2-Dichloropropane	ND	5.1	0.45	1.00	
1,3-Dichloropropane	ND	5.1	0.26	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.1	0.34	1.00	
1,1-Dichloropropene	ND	5.1	0.33	1.00	
c-1,3-Dichloropropene	ND	5.1	0.26	1.00	
t-1,3-Dichloropropene	ND	5.1	0.62	1.00	
Ethylbenzene	ND	5.1	0.15	1.00	
2-Hexanone	ND	51	1.8	1.00	
Isopropylbenzene	ND	5.1	0.56	1.00	
p-Isopropyltoluene	ND	5.1	0.64	1.00	
Methylene Chloride	ND	51	1.4	1.00	
4-Methyl-2-Pentanone	ND	51	4.4	1.00	
Naphthalene	ND	51	0.83	1.00	
n-Propylbenzene	ND	5.1	0.51	1.00	
Styrene	ND	5.1	0.61	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	0.35	1.00	
Tetrachloroethene	ND	5.1	0.21	1.00	
Toluene	ND	5.1	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.93	1.00	
1,2,4-Trichlorobenzene	ND	5.1	0.32	1.00	
1,1,1-Trichloroethane	ND	5.1	0.23	1.00	
1,1,2-Trichloroethane	ND	5.1	0.36	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	0.36	1.00	
Trichloroethene	2.0	5.1	0.31	1.00	J
1,2,3-Trichloropropane	ND	5.1	0.84	1.00	
1,2,4-Trimethylbenzene	ND	5.1	0.60	1.00	
Trichlorofluoromethane	ND	51	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.1	0.56	1.00	
Vinyl Acetate	ND	51	4.8	1.00	
Vinyl Chloride	ND	5.1	0.51	1.00	
p/m-Xylene	ND	5.1	0.27	1.00	
o-Xylene	ND	5.1	0.57	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	60-132	
Dibromofluoromethane	106	63-141	
1,2-Dichloroethane-d4	112	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
BB-08C-08	**16-06-2174-11-A**	**06/28/16 16:22**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 19:08**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	17	120	6.2	1.00	J
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.68	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.3	1.00	
2-Butanone	ND	50	3.7	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.57	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.30	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.25	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.17	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.34	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.50	1.00	
1,2-Dichloropropane	ND	5.0	0.43	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.60	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.7	1.00	
Isopropylbenzene	ND	5.0	0.54	1.00	
p-Isopropyltoluene	ND	5.0	0.62	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.34	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.51	1.00	
1,2,3-Trichlorobenzene	ND	9.9	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.22	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.82	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.58	1.00	
Trichlorofluoromethane	ND	50	0.37	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.54	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.55	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	60-132	
Dibromofluoromethane	105	63-141	
1,2-Dichloroethane-d4	114	62-146	
Toluene-d8	99	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-575**	**N/A**	**Solid**	**GC/MS Q**	**07/01/16**	**07/01/16 13:50**	**160701L013**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	60-132	
Dibromofluoromethane	103	63-141	
1,2-Dichloroethane-d4	111	62-146	
Toluene-d8	97	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,		Date Received:	06/29/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2174
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-06-2175-51	**Sample**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 09:51**	**160706S06**
16-06-2175-51	**Matrix Spike**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 06:23**	**160706S06**
16-06-2175-51	**Matrix Spike Duplicate**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 06:40**	**160706S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	ND	400.0	357.2	89	365.8	91	64-130	2	0-15	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
BB-08A-04	**Sample**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 14:43**	**160701S005**
BB-08A-04	**Matrix Spike**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 15:09**	**160701S005**
BB-08A-04	**Matrix Spike Duplicate**	**Solid**	**GC/MS Q**	**06/30/16**	**07/01/16 15:36**	**160701S005**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	52.04	104	46.61	93	70-130	11	0-20	
Benzene	ND	50.00	44.00	88	40.08	80	61-127	9	0-20	
Bromobenzene	ND	50.00	46.86	94	42.40	85	70-130	10	0-20	
Bromochloromethane	ND	50.00	48.15	96	44.71	89	70-130	7	0-20	
Bromodichloromethane	ND	50.00	48.64	97	45.68	91	70-130	6	0-20	
Bromoform	ND	50.00	45.70	91	42.30	85	70-130	8	0-20	
Bromomethane	ND	50.00	44.69	89	41.48	83	70-130	7	0-20	
2-Butanone	ND	50.00	44.50	89	42.48	85	70-130	5	0-20	
n-Butylbenzene	ND	50.00	46.23	92	41.40	83	77-123	11	0-25	
sec-Butylbenzene	ND	50.00	45.96	92	41.75	83	70-130	10	0-20	
tert-Butylbenzene	ND	50.00	46.46	93	41.77	84	70-130	11	0-20	
Carbon Disulfide	ND	50.00	42.59	85	39.13	78	70-130	8	0-20	
Carbon Tetrachloride	ND	50.00	46.01	92	42.99	86	51-135	7	0-29	
Chlorobenzene	ND	50.00	45.03	90	41.10	82	57-123	9	0-20	
Chloroethane	ND	50.00	48.55	97	46.94	94	70-130	3	0-20	
Chloroform	ND	50.00	46.34	93	42.21	84	70-130	9	0-20	
Chloromethane	ND	50.00	47.30	95	46.31	93	70-130	2	0-20	
2-Chlorotoluene	ND	50.00	46.00	92	41.38	83	70-130	11	0-20	
4-Chlorotoluene	ND	50.00	47.22	94	41.35	83	70-130	13	0-20	
Dibromochloromethane	ND	50.00	47.39	95	44.29	89	70-130	7	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	45.76	92	45.08	90	70-130	2	0-20	
1,2-Dibromoethane	ND	50.00	48.47	97	44.72	89	64-124	8	0-20	
Dibromomethane	ND	50.00	47.83	96	45.28	91	70-130	5	0-20	
1,2-Dichlorobenzene	ND	50.00	47.10	94	43.28	87	35-131	8	0-25	
1,3-Dichlorobenzene	ND	50.00	45.77	92	41.86	84	70-130	9	0-20	
1,4-Dichlorobenzene	ND	50.00	45.39	91	41.32	83	70-130	9	0-20	
Dichlorodifluoromethane	ND	50.00	57.60	115	55.88	112	70-130	3	0-20	
1,1-Dichloroethane	ND	50.00	45.55	91	42.03	84	70-130	8	0-20	
1,2-Dichloroethane	ND	50.00	46.49	93	44.19	88	70-130	5	0-20	
1,1-Dichloroethene	ND	50.00	44.24	88	41.31	83	47-143	7	0-25	
c-1,2-Dichloroethene	ND	50.00	45.09	90	42.02	84	70-130	7	0-20	
t-1,2-Dichloroethene	ND	50.00	44.96	90	42.39	85	70-130	6	0-20	
1,2-Dichloropropane	ND	50.00	46.07	92	42.48	85	79-115	8	0-25	
1,3-Dichloropropane	ND	50.00	46.66	93	42.67	85	70-130	9	0-20	
2,2-Dichloropropane	ND	50.00	46.71	93	42.84	86	70-130	9	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 06/29/16
Work Order: 16-06-2174
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	45.95	92	42.47	85	70-130	8	0-20	
c-1,3-Dichloropropene	ND	50.00	47.08	94	43.69	87	70-130	7	0-20	
t-1,3-Dichloropropene	ND	50.00	50.47	101	46.23	92	70-130	9	0-20	
Ethylbenzene	ND	50.00	45.82	92	41.13	82	57-129	11	0-22	
2-Hexanone	ND	50.00	41.96	84	41.74	83	70-130	1	0-20	
Isopropylbenzene	ND	50.00	45.73	91	41.27	83	70-130	10	0-20	
p-Isopropyltoluene	ND	50.00	47.15	94	42.30	85	70-130	11	0-20	
Methylene Chloride	ND	50.00	45.10	90	42.41	85	70-130	6	0-20	
4-Methyl-2-Pentanone	ND	50.00	41.82	84	41.33	83	70-130	1	0-20	
Naphthalene	ND	50.00	45.47	91	44.32	89	70-130	3	0-20	
n-Propylbenzene	ND	50.00	45.64	91	40.91	82	70-130	11	0-20	
Styrene	ND	50.00	47.03	94	41.88	84	70-130	12	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	49.39	99	44.87	90	70-130	10	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	45.02	90	43.15	86	70-130	4	0-20	
Tetrachloroethene	ND	50.00	48.71	97	43.81	88	70-130	11	0-20	
Toluene	ND	50.00	44.86	90	41.48	83	63-123	8	0-20	
1,2,3-Trichlorobenzene	ND	50.00	46.78	94	43.37	87	70-130	8	0-20	
1,2,4-Trichlorobenzene	ND	50.00	47.72	95	43.79	88	70-130	9	0-20	
1,1,1-Trichloroethane	ND	50.00	46.23	92	42.95	86	70-130	7	0-20	
1,1,2-Trichloroethane	ND	50.00	46.58	93	43.95	88	70-130	6	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	45.77	92	42.11	84	70-130	8	0-20	
Trichloroethene	ND	50.00	45.50	91	42.47	85	44-158	7	0-20	
1,2,3-Trichloropropane	ND	50.00	47.06	94	43.79	88	70-130	7	0-20	
1,2,4-Trimethylbenzene	ND	50.00	45.62	91	41.67	83	70-130	9	0-20	
Trichlorofluoromethane	ND	50.00	54.57	109	52.04	104	70-130	5	0-20	
1,3,5-Trimethylbenzene	ND	50.00	46.44	93	41.53	83	70-130	11	0-20	
Vinyl Acetate	ND	50.00	34.75	70	31.62	63	70-130	9	0-20	3
Vinyl Chloride	ND	50.00	52.01	104	49.78	100	49-139	4	0-47	
p/m-Xylene	ND	100.0	90.44	90	81.18	81	70-130	11	0-20	
o-Xylene	ND	50.00	46.64	93	42.13	84	70-130	10	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	46.12	92	43.25	87	57-123	6	0-21	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,	Date Received: 06/29/16
5333 Mission Center Rd., Suite 300	Work Order: 16-06-2174
San Diego, CA 92108-1350	Preparation: N/A
	Method: ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559	Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
BB-08A-04	**Sample**	**Solid**	**N/A**	**06/30/16 00:00**	**06/30/16 23:00**	**G0630MOID2**
BB-08A-04	**Sample Duplicate**	**Solid**	**N/A**	**06/30/16 00:00**	**06/30/16 23:00**	**G0630MOID2**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	23.30	24.20	4	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/29/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2174
San Diego, CA 92108-1350		Preparation:	EPA 3550B
		Method:	EPA 8015B (M)
Project: UTAS - Due Diligence / 43559			Page 1 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-490-2152	**LCS**	**Solid**	**GC 49**	**07/06/16**	**07/07/16 06:06**	**160706B06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	358.4	90	75-123	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,		Date Received:	06/29/16
5333 Mission Center Rd., Suite 300		Work Order:	16-06-2174
San Diego, CA 92108-1350		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559			Page 2 of 3

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-575	**LCS**	**Solid**	**GC/MS Q**	**07/01/16**	**07/01/16 12:44**	**160701L013**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	42.15	84	70-130	60-140	
Benzene	50.00	42.99	86	78-120	71-127	
Bromobenzene	50.00	46.11	92	70-130	60-140	
Bromochloromethane	50.00	42.34	85	70-130	60-140	
Bromodichloromethane	50.00	46.53	93	70-130	60-140	
Bromoform	50.00	46.16	92	70-130	60-140	
Bromomethane	50.00	39.09	78	70-130	60-140	
2-Butanone	50.00	46.04	92	70-130	60-140	
n-Butylbenzene	50.00	47.63	95	77-123	69-131	
sec-Butylbenzene	50.00	46.91	94	70-130	60-140	
tert-Butylbenzene	50.00	48.52	97	70-130	60-140	
Carbon Disulfide	50.00	40.92	82	70-130	60-140	
Carbon Tetrachloride	50.00	46.56	93	49-139	34-154	
Chlorobenzene	50.00	44.86	90	79-120	72-127	
Chloroethane	50.00	42.93	86	70-130	60-140	
Chloroform	50.00	42.62	85	70-130	60-140	
Chloromethane	50.00	42.51	85	70-130	60-140	
2-Chlorotoluene	50.00	45.67	91	70-130	60-140	
4-Chlorotoluene	50.00	46.76	94	70-130	60-140	
Dibromochloromethane	50.00	44.46	89	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	50.61	101	70-130	60-140	
1,2-Dibromoethane	50.00	46.03	92	70-130	60-140	
Dibromomethane	50.00	44.23	88	70-130	60-140	
1,2-Dichlorobenzene	50.00	46.51	93	75-120	68-128	
1,3-Dichlorobenzene	50.00	46.38	93	70-130	60-140	
1,4-Dichlorobenzene	50.00	45.72	91	70-130	60-140	
Dichlorodifluoromethane	50.00	52.25	104	70-130	60-140	
1,1-Dichloroethane	50.00	42.71	85	70-130	60-140	
1,2-Dichloroethane	50.00	44.78	90	70-130	60-140	
1,1-Dichloroethene	50.00	43.18	86	74-122	66-130	
c-1,2-Dichloroethene	50.00	41.30	83	70-130	60-140	
t-1,2-Dichloroethene	50.00	43.32	87	70-130	60-140	
1,2-Dichloropropane	50.00	44.24	88	79-115	73-121	
1,3-Dichloropropane	50.00	44.15	88	70-130	60-140	
2,2-Dichloropropane	50.00	46.05	92	70-130	60-140	
1,1-Dichloropropene	50.00	45.08	90	70-130	60-140	
c-1,3-Dichloropropene	50.00	47.36	95	70-130	60-140	
t-1,3-Dichloropropene	50.00	48.00	96	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Haley & Aldrich, Inc,	Date Received:	06/29/16
5333 Mission Center Rd., Suite 300	Work Order:	16-06-2174
San Diego, CA 92108-1350	Preparation:	EPA 5030C
	Method:	EPA 8260B
Project: UTAS - Due Diligence / 43559		Page 3 of 3

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	46.83	94	76-120	69-127	
2-Hexanone	50.00	48.04	96	70-130	60-140	
Isopropylbenzene	50.00	46.68	93	70-130	60-140	
p-Isopropyltoluene	50.00	48.14	96	70-130	60-140	
Methylene Chloride	50.00	40.23	80	70-130	60-140	
4-Methyl-2-Pentanone	50.00	48.08	96	70-130	60-140	
Naphthalene	50.00	46.00	92	70-130	60-140	
n-Propylbenzene	50.00	45.56	91	70-130	60-140	
Styrene	50.00	46.05	92	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	48.99	98	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	46.77	94	70-130	60-140	
Tetrachloroethene	50.00	44.87	90	70-130	60-140	
Toluene	50.00	46.58	93	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	48.15	96	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	50.19	100	70-130	60-140	
1,1,1-Trichloroethane	50.00	45.37	91	70-130	60-140	
1,1,2-Trichloroethane	50.00	43.67	87	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	45.23	90	70-130	60-140	
Trichloroethene	50.00	45.70	91	70-130	60-140	
1,2,3-Trichloropropane	50.00	47.15	94	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	46.96	94	70-130	60-140	
Trichlorofluoromethane	50.00	48.59	97	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	47.22	94	70-130	60-140	
Vinyl Acetate	50.00	36.86	74	70-130	60-140	
Vinyl Chloride	50.00	46.30	93	68-122	59-131	
p/m-Xylene	100.0	91.12	91	70-130	60-140	
o-Xylene	50.00	46.77	94	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	44.46	89	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 16-06-2174 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 8015B (M)	EPA 3550B	682	GC 49	1
EPA 8260B	EPA 5030C	1055	GC/MS Q	2

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Glossary of Terms and Qualifiers

Work Order: 16-06-2174 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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Virendra Patel

From: Foster, Keith <KFoster@haleyaldrich.com>
Sent: Thursday, June 30, 2016 10:45 AM
To: Erick Ovalle
Cc: Scott, Bob; Burns, Tyree; Virendra Patel
Subject: RE: Sample receipt confirmation / 16-06-2174 / UTAS - Due Diligence / 43559
Attachments: DOC018.pdf

Eric,

Please see the attached COC with the matrix type and number of containers updated.

Please run the requested analyses on BB-08A-01

From: Erick Ovalle [mailto:ErickOvalle@eurofinsUS.com]
Sent: Thursday, June 30, 2016 10:35 AM
To: Scott, Bob; Foster, Keith; Burns, Tyree
Cc: Virendra Patel
Subject: Sample receipt confirmation / 16-06-2174 / UTAS - Due Diligence / 43559

Sample receipt confirmation attached. Please review and advise of any changes required.

- **Sample 1 (BB-08A-01): Water was present inside the sleeve.**
- **The matrix type and number of containers was not filled out.**

Please call with any questions or concerns.

Best Regards,
Erick Ovalle
Project Manager Assistant

Eurofins Calscience,Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
USA
Phone: +1 (714) 895-5494

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CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 2

LABORATORY CLIENT: Haley & Aldrich

ADDRESS: 5333 Mission Center Road, Suite 200

619-285-7141 | FAX: | E-MAIL: bscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due Diligence / 43559

PROJECT CONTACT:

P.O. NO.:

LAB USE ONLY: 16-06-2174

SAMPLER(S): (SIGNATURE) for Tyree Burns

COELT LOG CODE

COOLER RECEIPT: Temp = °C

TURNAROUND TIME: [ ] SAME DAY [ ] 24 HR [ ] 48HR [ ] 72 HR [X] 5 DAYS [ ] 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): [ ] RWQCB REPORTING [ ] COELT EDF [ ]

SPECIAL INSTRUCTIONS: UTC - Chula Vista

Revised COC received from Keith Foster (H&A) on 06/30/16 at 10:45am. - Virendra (ECI)

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260B	T22 Metals by 6010B	PCBs by 8082	TPH Extended Range (C6-C44) by 8015M	PAHs by 8310	OCPs by 8081	Phenols by 8270				CONTAINER TYPE
1	BB-08A-01		062816	1535	Soil	1	X			X							Hold
2	BB-08A-04			1537			X			X							
3	BB-08A-08			1538			X			X							
4	BB-08A-10			1539			X			X							
5	BB-08B-01			1554			X			X							Hold
6	BB-08B-04			1556			X			X							
7	BB-08B-08			1557			X			X							
8	BB-08B-10			1553			X			X							
9	BB-08C-04			1621			X			X							
10	BB-08C-01			1619			X			X							Hold

		Date	Time
Relinquished by: (Signature)	Received by: (Signature) ECI	06/29/16	1655
Relinquished by: (Signature)	Received by: (Signature) Dannyle ECI	6/29/16	19245
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 1 OF 2

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 5333 Mission Center Road, Suite 200
619-285-7141 | FAX: | E-MAIL: bscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: UTAS - Due Diligence / 43559
PROJECT CONTACT:
SAMPLER(S): (SIGNATURE) for Tyree Burns
COELT LOG CODE
P.O. NO.:
LAB USE ONLY: 16-06-2174
COOLER RECEIPT Temp = °C

TURNAROUND TIME: [ ] SAME DAY [ ] 24 HR [ ] 48HR [ ] 72 HR [X] 5 DAYS [ ] 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): [ ] RWQCB REPORTING [ ] COELT EDF [ ]

SPECIAL INSTRUCTIONS: UTC - Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	VOCs by 8260B	T22 Metals by 6010B	PCBs by 8082	TPH Extended Range (C6-C44) by 8015M	PAHs by 8310	OCPs by 8081	Phenols by 8270	CONTAINER TYPE
1	BB-08A-01		062816	1535			X			X				Hold
2	BB-08A-04			1537			X			X				
3	BB-08A-08			1538			X			X				
4	BB-08A-10			1539			X			X				
5	BB-08B-01			1554			X			X				Hold
6	BB-08B-04			1556			X			X				
7	BB-08B-08			1557			X			X				
8	BB-08B-10			1558			X			X				
9	BB-08C-04			1621			X			X				
10	BB-08C-01			1619			X			X				Hold

Relinquished by: (Signature)	Received by: (Signature)	Date: 06/29/16	Time: 1655
Relinquished by: (Signature)	Received by: (Signature) Dannyle Tee	Date: 6/29/16	Time: 1945
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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CHAIN OF CUSTODY RECORD

DATE: 6/28/16

PAGE: 2 OF 2

LABORATORY CLIENT:
Haley & Aldrich

ADDRESS:
5333 Mission Center Road, Suite 200
San Diego, CA 92108

TEL: **619-285-7141** | FAX: | E-MAIL: rscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER:
UTAS - Due Dillegence / 43559

PROJECT CONTACT:
Robert K. Scott

SAMPLER(S): (SIGNATURE)

P.O. NO.:

LAB USE ONLY: 06-2174

COELT LOG CODE

COOLER RECEIPT: Temp = ____ °C

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ COELT EDF ☐

SPECIAL INSTRUCTIONS
UTC Chula Vista

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	Field Point Name	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	VOCs by 8260 B	T22 Metals by 6010B	PCBs by EPA Method 8082	TPH Extended Range (C6-C44) by 8015M	Phenols by 8270C	CONTAINER TYPE
11		BB-08C-08	6/28/16	1622	Soil	1	X			X		
12		BB-08C-10	6/28/16	1623	Soil	1	X			X		Hold

Relinquished by: (Signature)	Received by: (Signature) ECI	Date: 06/29/16	Time: 1655
Relinquished by: (Signature)	Received by: (Signature) Dunnigle ECI	Date: 6/29/16	Time: 19:45
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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WORK ORDER NUMBER: 16-06-

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 06 / 29 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC2A (CF: 0.0°C); Temperature (w/o CF): 3.1 °C (w/ CF): 3.1 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 671

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 671

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 778

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑ WJL 06-29-16	☑	☐
☐ Sampling date ☐ Sampling time ☑ Matrix ☑ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☐	☑	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☐	☐	☑
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☑ 8ozCGJ ☐ 16ozCGJ ☑ Sleeve (P) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 778

Reviewed by: 659

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WORK ORDER NUMBER: 16-06- 2174

SAMPLE ANOMALY REPORT

DATE: 06 / 29 / 2016

SAMPLES, CONTAINERS, AND LABELS:

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☐ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☑ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

Comments

H1 Water present in sleeve

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

Reported by: 728

Reviewed by: 659

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WORK ORDER NUMBER: 16-07-0873

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Haley & Aldrich, Inc,

Client Project Name: UTAS - Due Diligence / 43559-013

Attention: Robert K. Scott
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Approved for release on 07/26/2016 by:
Virendra Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 16-07-0873

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 07/13/16. They were assigned to Work Order 16-07-0873.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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CASE NARRATIVE

Eurofins Calscience Work Order 16-07-0873

EPA Method 6010B Total Metals:

Project Required Detection Limit (PRDL):

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Arsenic and Thallium on 07/21/16 for soil samples.

The PRDL's were analyzed as required per the project QAPP. The low level calibration check performed post the sample batch is outside acceptable range for Antimony on 07/22/16 for soil samples.

Table A: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 6010B	
Batch #	Analytes(s)
160719S03	Antimony[3,4], Barium[3], Vanadium[3] and Zinc[3]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

The LCS/LCSD recoveries for the associated sample batches are within acceptable control limits, therefore, the results have been released without any further action or qualification.

EPA Method 8260B Volatile Organics:

Continuing Calibration:

The continuing calibration (CC) was performed on 07/14/16 on GC/MS L. The percent RSDs in the continuing calibration was > 40% for 2-Chloroethyl Vinyl Ether and Chloromethane.

Table B: Matrix Spike / Matrix Spike Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160714S005	2-Chloroethyl Vinyl Ether[3]
160714S003	Bromomethane[3], n-Butylbenzene[3], Carbon Disulfide4, 1,4-Dichlorobenzene[4], Dichlorodifluoromethane[4], Methylene Chloride[4], Napthalene[3], 1,2,3-Trichlorobenzene[3], 1,2,4-Trichlorobenzene[3], Trichlorofluoromethane[4] and Vinyl Acetate[3,4]

3: Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4: The MS/MSD RPD was out of control due to suspected matrix interference.

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Table C: Laboratory Control Sample (LCS) / LCS Duplicate outside acceptable limits	
EPA Method 8260B	
Batch #	Analytes(s)
160714L002	Bromomethane[ME] and 2-Chloroethyl Vinyl Ether[ME]

ME: LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).

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Sample Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-07-0873
		Project Name:	UTAS - Due Diligence / 43559-013
		PO Number:	
		Date/Time Received:	07/13/16 19:20
		Number of Containers:	8
Attn:	Robert K. Scott		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
IDW - Soil	16-07-0873-1	07/12/16 13:30	2	Solid
IDW - Water	16-07-0873-2	07/12/16 13:40	6	Aqueous

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Detections Summary

Client:	Haley & Aldrich, Inc, 5333 Mission Center Rd., Suite 300 San Diego, CA 92108-1350	Work Order:	16-07-0873
		Project Name:	UTAS - Due Diligence / 43559-013
		Received:	07/13/16
Attn:	Robert K. Scott		

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
IDW - Soil (16-07-0873-1)						
Moisture	11		0.10	%	ASTM D-2216 (M)	N/A
Arsenic	1.62		0.789	mg/kg	EPA 6010B	EPA 3050B
Barium	66.9		0.526	mg/kg	EPA 6010B	EPA 3050B
Beryllium	0.271		0.263	mg/kg	EPA 6010B	EPA 3050B
Cadmium	0.205	J	0.143*	mg/kg	EPA 6010B	EPA 3050B
Chromium	13.6		0.263	mg/kg	EPA 6010B	EPA 3050B
Cobalt	7.34		0.263	mg/kg	EPA 6010B	EPA 3050B
Copper	7.80		0.526	mg/kg	EPA 6010B	EPA 3050B
Lead	3.48		0.526	mg/kg	EPA 6010B	EPA 3050B
Molybdenum	0.343		0.263	mg/kg	EPA 6010B	EPA 3050B
Nickel	5.56		0.263	mg/kg	EPA 6010B	EPA 3050B
Vanadium	46.8		0.263	mg/kg	EPA 6010B	EPA 3050B
Zinc	27.2		1.05	mg/kg	EPA 6010B	EPA 3050B
IDW - Water (16-07-0873-2)						
Arsenic	0.0107		0.0100	mg/L	EPA 6010B	EPA 3010A Total
Barium	0.0287		0.0100	mg/L	EPA 6010B	EPA 3010A Total
Chromium	0.00542	J	0.00271*	mg/L	EPA 6010B	EPA 3010A Total
Copper	0.0165		0.0100	mg/L	EPA 6010B	EPA 3010A Total
Molybdenum	0.0658		0.0100	mg/L	EPA 6010B	EPA 3010A Total
Nickel	0.0100		0.0100	mg/L	EPA 6010B	EPA 3010A Total
Thallium	0.00805	B,J	0.00291*	mg/L	EPA 6010B	EPA 3010A Total
Vanadium	0.0251		0.0100	mg/L	EPA 6010B	EPA 3010A Total
Zinc	0.0235		0.0100	mg/L	EPA 6010B	EPA 3010A Total
Acetone	7.0	J	3.5*	ug/L	EPA 8260B	EPA 5030C
Bromodichloromethane	0.21	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Bromoform	0.49	J	0.34*	ug/L	EPA 8260B	EPA 5030C
Carbon Disulfide	1.1		1.0	ug/L	EPA 8260B	EPA 5030C
Dibromochloromethane	1.2		0.50	ug/L	EPA 8260B	EPA 5030C
Tert-Butyl Alcohol (TBA)	5.7	J	4.1*	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: N/A
Method: ASTM D-2216 (M)
Units: %

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IDW - Soil	**16-07-0873-1-A**	**07/12/16 13:30**	**Solid**	**N/A**	**07/14/16**	**07/15/16 11:00**	**G0715MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	11	0.10	0.10	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-05-014-6123**	**N/A**	**Solid**	**N/A**	**07/14/16**	**07/15/16 11:00**	**G0715MOIB4**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Moisture	ND	0.10	0.10	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IDW - Soil	**16-07-0873-1-AA**	**07/12/16 13:30**	**Solid**	**ICP 7300**	**07/19/16**	**07/21/16 11:06**	**160719L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.789	0.157	1.05	
Arsenic	1.62	0.789	0.273	1.05	
Barium	66.9	0.526	0.163	1.05	
Beryllium	0.271	0.263	0.144	1.05	
Cadmium	0.205	0.526	0.143	1.05	J
Chromium	13.6	0.263	0.150	1.05	
Cobalt	7.34	0.263	0.156	1.05	
Copper	7.80	0.526	0.142	1.05	
Lead	3.48	0.526	0.139	1.05	
Molybdenum	0.343	0.263	0.139	1.05	
Nickel	5.56	0.263	0.152	1.05	
Selenium	ND	0.789	0.315	1.05	
Silver	ND	0.263	0.0902	1.05	
Thallium	ND	0.789	0.160	1.05	
Vanadium	46.8	0.263	0.149	1.05	
Zinc	27.2	1.05	0.187	1.05	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3050B
Method: EPA 6010B
Units: mg/kg

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-01-002-22971**	**N/A**	**Solid**	**ICP 7300**	**07/19/16**	**07/21/16 11:02**	**160719L03U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.758	0.150	1.01	
Arsenic	ND	0.758	0.262	1.01	
Barium	ND	0.505	0.156	1.01	
Beryllium	ND	0.253	0.138	1.01	
Cadmium	ND	0.505	0.137	1.01	
Chromium	ND	0.253	0.144	1.01	
Cobalt	ND	0.253	0.150	1.01	
Copper	ND	0.505	0.136	1.01	
Lead	ND	0.505	0.133	1.01	
Molybdenum	ND	0.253	0.133	1.01	
Nickel	ND	0.253	0.146	1.01	
Selenium	ND	0.758	0.303	1.01	
Silver	ND	0.253	0.0866	1.01	
Thallium	0.321	0.758	0.153	1.01	J
Vanadium	ND	0.253	0.143	1.01	
Zinc	ND	1.01	0.179	1.01	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IDW - Water	**16-07-0873-2-F**	**07/12/16 13:40**	**Aqueous**	**ICP 7300**	**07/16/16**	**07/21/16 10:51**	**160716LA1U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.0150	0.00787	1.00	
Arsenic	0.0107	0.0100	0.00438	1.00	
Barium	0.0287	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.000561	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	0.00542	0.0100	0.00271	1.00	J
Cobalt	ND	0.0100	0.00295	1.00	
Copper	0.0165	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	0.0658	0.0100	0.00278	1.00	
Nickel	0.0100	0.0100	0.00298	1.00	
Selenium	ND	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	0.00805	0.0150	0.00291	1.00	B,J
Vanadium	0.0251	0.0100	0.00244	1.00	
Zinc	0.0235	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 3010A Total
Method:	EPA 6010B
Units:	mg/L

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-458-46**	**N/A**	**Aqueous**	**ICP 7300**	**07/16/16**	**07/22/16 10:48**	**160716LA1U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Antimony	ND	0.0150	0.00787	1.00	
Arsenic	ND	0.0100	0.00438	1.00	
Barium	ND	0.0100	0.00296	1.00	
Beryllium	ND	0.0100	0.000561	1.00	
Cadmium	ND	0.0100	0.00269	1.00	
Chromium	ND	0.0100	0.00271	1.00	
Cobalt	ND	0.0100	0.00295	1.00	
Copper	ND	0.0100	0.00267	1.00	
Lead	ND	0.0100	0.00406	1.00	
Molybdenum	ND	0.0100	0.00278	1.00	
Nickel	ND	0.0100	0.00298	1.00	
Selenium	ND	0.0150	0.00699	1.00	
Silver	ND	0.00500	0.00139	1.00	
Thallium	0.00297	0.0150	0.00291	1.00	J
Vanadium	ND	0.0100	0.00244	1.00	
Zinc	ND	0.0100	0.00352	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 7470A Total
Method: EPA 7470A
Units: mg/L

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IDW - Water	**16-07-0873-2-F**	**07/12/16 13:40**	**Aqueous**	**Mercury 04**	**07/20/16**	**07/21/16 12:08**	**160720LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-04-008-7926**	**N/A**	**Aqueous**	**Mercury 04**	**07/20/16**	**07/21/16 12:02**	**160720LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.000500	0.0000453	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 7471A Total
Method: EPA 7471A
Units: mg/kg

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IDW - Soil	**16-07-0873-1-AA**	**07/12/16 13:30**	**Solid**	**Mercury 05**	**07/20/16**	**07/20/16 15:29**	**160720L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0806	0.00568	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-480-51**	**N/A**	**Solid**	**Mercury 05**	**07/20/16**	**07/20/16 15:24**	**160720L02U**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Mercury	ND	0.0833	0.00587	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IDW - Water	**16-07-0873-2-A**	**07/12/16 13:40**	**Aqueous**	**GC/MS L**	**07/14/16**	**07/14/16 19:16**	**160714L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	7.0	10	3.5	1.00	J
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	0.21	0.50	0.20	1.00	J
Bromoform	0.49	0.50	0.34	1.00	J
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	1.1	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	ND	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	1.2	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/L

Project: UTAS - Due Diligence / 43559-013

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/L

Project: UTAS - Due Diligence / 43559-013

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	5.7	10	4.1	1.00	J
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	91	68-120	
Dibromofluoromethane	107	71-135	
1,2-Dichloroethane-d4	115	64-139	
Toluene-d8	100	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/L

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-446-110**	**N/A**	**Aqueous**	**GC/MS L**	**07/14/16**	**07/14/16 10:28**	**160714L002**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	10	3.5	1.00	
Benzene	ND	0.50	0.32	1.00	
Bromobenzene	ND	0.50	0.33	1.00	
Bromochloromethane	ND	1.0	0.38	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.34	1.00	
Bromomethane	ND	1.0	0.38	1.00	
2-Butanone	ND	5.0	2.9	1.00	
n-Butylbenzene	ND	0.50	0.34	1.00	
sec-Butylbenzene	ND	0.50	0.23	1.00	
tert-Butylbenzene	ND	0.50	0.38	1.00	
Carbon Disulfide	ND	1.0	0.44	1.00	
Carbon Tetrachloride	ND	0.50	0.22	1.00	
Chlorobenzene	ND	0.50	0.14	1.00	
Chloroethane	ND	0.50	0.34	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	3.1	1.00	
Chloroform	ND	0.50	0.22	1.00	
Chloromethane	ND	0.50	0.22	1.00	
2-Chlorotoluene	ND	0.50	0.34	1.00	
4-Chlorotoluene	ND	0.50	0.33	1.00	
Dibromochloromethane	ND	0.50	0.24	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.9	1.00	
1,2-Dibromoethane	ND	0.50	0.34	1.00	
Dibromomethane	ND	0.50	0.34	1.00	
1,2-Dichlorobenzene	ND	0.50	0.17	1.00	
1,3-Dichlorobenzene	ND	0.50	0.17	1.00	
1,4-Dichlorobenzene	ND	0.50	0.31	1.00	
Dichlorodifluoromethane	ND	1.0	0.24	1.00	
1,1-Dichloroethane	ND	0.50	0.19	1.00	
1,2-Dichloroethane	ND	0.50	0.18	1.00	
1,1-Dichloroethene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.24	1.00	
t-1,2-Dichloroethene	ND	0.50	0.26	1.00	
Acetonitrile	ND	10	2.2	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/L

Project: UTAS - Due Diligence / 43559-013

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.24	1.00	
Acrolein	ND	20	8.8	1.00	
Acrylonitrile	ND	10	5.2	1.00	
1,3-Dichloropropane	ND	1.0	0.24	1.00	
2,2-Dichloropropane	ND	1.0	0.42	1.00	
Allyl Chloride	ND	1.0	0.36	1.00	
1,1-Dichloropropene	ND	0.50	0.28	1.00	
c-1,3-Dichloropropene	ND	0.50	0.18	1.00	
t-1,3-Dichloropropene	ND	0.50	0.35	1.00	
Ethylbenzene	ND	0.50	0.32	1.00	
2-Hexanone	ND	10	2.6	1.00	
Isopropylbenzene	ND	0.50	0.42	1.00	
p-Isopropyltoluene	ND	0.50	0.14	1.00	
Methylene Chloride	ND	1.0	0.38	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.7	1.00	
Naphthalene	ND	1.0	0.41	1.00	
n-Propylbenzene	ND	0.50	0.38	1.00	
Styrene	ND	0.50	0.32	1.00	
Chloroprene	ND	0.50	0.24	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.22	1.00	
Tetrachloroethene	ND	0.50	0.22	1.00	
Toluene	ND	0.50	0.26	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.25	1.00	
Ethyl Methacrylate	ND	5.0	1.4	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.25	1.00	
1,1,1-Trichloroethane	ND	0.50	0.19	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.48	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.26	1.00	
1,1,2-Trichloroethane	ND	0.50	0.32	1.00	
Iodomethane	ND	10	6.8	1.00	
Trichloroethene	ND	0.50	0.23	1.00	
Trichlorofluoromethane	ND	0.50	0.25	1.00	
Isobutyl Alcohol	ND	10	6.7	1.00	
1,2,3-Trichloropropane	ND	1.0	0.25	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.15	1.00	
Methacrylonitrile	ND	10	2.5	1.00	
Methyl Methacrylate	ND	5.0	1.3	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.33	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/L

Project: UTAS - Due Diligence / 43559-013

Parameter	Result	RL	MDL	DF	Qualifiers
Vinyl Acetate	ND	5.0	2.2	1.00	
Vinyl Chloride	ND	0.50	0.27	1.00	
p/m-Xylene	ND	0.50	0.24	1.00	
o-Xylene	ND	0.50	0.39	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.29	1.00	
t-1,4-Dichloro-2-Butene	ND	5.0	3.0	1.00	
Tetrahydrofuran	ND	5.0	2.2	1.00	
Propionitrile	ND	10	3.1	1.00	
Tert-Butyl Alcohol (TBA)	ND	10	4.1	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	0.24	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	0.22	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	0.24	1.00	
Ethanol	ND	50	17	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	68-120	
Dibromofluoromethane	99	71-135	
1,2-Dichloroethane-d4	102	64-139	
Toluene-d8	96	72-128	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

Analytical Report

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/kg

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
IDW - Soil	**16-07-0873-1-B**	**07/12/16 13:30**	**Solid**	**GC/MS Q**	**07/14/16**	**07/14/16 11:08**	**160714L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/kg

Project: UTAS - Due Diligence / 43559-013

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	60-132	
Dibromofluoromethane	104	63-141	
1,2-Dichloroethane-d4	107	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/kg

Project: UTAS - Due Diligence / 43559-013

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-314-583**	**N/A**	**Solid**	**GC/MS Q**	**07/14/16**	**07/14/16 10:15**	**160714L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Acetone	ND	120	6.2	1.00	
Benzene	ND	5.0	0.13	1.00	
Bromobenzene	ND	5.0	0.21	1.00	
Bromochloromethane	ND	5.0	0.69	1.00	
Bromodichloromethane	ND	5.0	0.23	1.00	
Bromoform	ND	5.0	0.79	1.00	
Bromomethane	ND	25	9.4	1.00	
2-Butanone	ND	50	3.8	1.00	
n-Butylbenzene	ND	5.0	0.16	1.00	
sec-Butylbenzene	ND	5.0	0.58	1.00	
tert-Butylbenzene	ND	5.0	0.15	1.00	
Carbon Disulfide	ND	50	0.31	1.00	
Carbon Tetrachloride	ND	5.0	0.28	1.00	
Chlorobenzene	ND	5.0	0.22	1.00	
Chloroethane	ND	5.0	1.5	1.00	
Chloroform	ND	5.0	0.24	1.00	
Chloromethane	ND	25	0.30	1.00	
2-Chlorotoluene	ND	5.0	0.23	1.00	
4-Chlorotoluene	ND	5.0	0.21	1.00	
Dibromochloromethane	ND	5.0	0.57	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.7	1.00	
1,2-Dibromoethane	ND	5.0	0.26	1.00	
Dibromomethane	ND	5.0	0.77	1.00	
1,2-Dichlorobenzene	ND	5.0	0.23	1.00	
1,3-Dichlorobenzene	ND	5.0	0.18	1.00	
1,4-Dichlorobenzene	ND	5.0	0.22	1.00	
Dichlorodifluoromethane	ND	5.0	0.44	1.00	
1,1-Dichloroethane	ND	5.0	0.21	1.00	
1,2-Dichloroethane	ND	5.0	0.31	1.00	
1,1-Dichloroethene	ND	5.0	0.35	1.00	
c-1,2-Dichloroethene	ND	5.0	0.28	1.00	
t-1,2-Dichloroethene	ND	5.0	0.51	1.00	
1,2-Dichloropropane	ND	5.0	0.44	1.00	
1,3-Dichloropropane	ND	5.0	0.25	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received:	07/13/16
Work Order:	16-07-0873
Preparation:	EPA 5030C
Method:	EPA 8260B
Units:	ug/kg

Project: UTAS - Due Diligence / 43559-013

Parameter	Result	RL	MDL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	0.33	1.00	
1,1-Dichloropropene	ND	5.0	0.33	1.00	
c-1,3-Dichloropropene	ND	5.0	0.25	1.00	
t-1,3-Dichloropropene	ND	5.0	0.61	1.00	
Ethylbenzene	ND	5.0	0.15	1.00	
2-Hexanone	ND	50	1.8	1.00	
Isopropylbenzene	ND	5.0	0.55	1.00	
p-Isopropyltoluene	ND	5.0	0.63	1.00	
Methylene Chloride	ND	50	1.3	1.00	
4-Methyl-2-Pentanone	ND	50	4.3	1.00	
Naphthalene	ND	50	0.81	1.00	
n-Propylbenzene	ND	5.0	0.50	1.00	
Styrene	ND	5.0	0.60	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	0.24	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	0.35	1.00	
Tetrachloroethene	ND	5.0	0.21	1.00	
Toluene	ND	5.0	0.52	1.00	
1,2,3-Trichlorobenzene	ND	10	0.91	1.00	
1,2,4-Trichlorobenzene	ND	5.0	0.31	1.00	
1,1,1-Trichloroethane	ND	5.0	0.23	1.00	
1,1,2-Trichloroethane	ND	5.0	0.35	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	0.35	1.00	
Trichloroethene	ND	5.0	0.30	1.00	
1,2,3-Trichloropropane	ND	5.0	0.83	1.00	
1,2,4-Trimethylbenzene	ND	5.0	0.59	1.00	
Trichlorofluoromethane	ND	50	0.38	1.00	
1,3,5-Trimethylbenzene	ND	5.0	0.55	1.00	
Vinyl Acetate	ND	50	4.7	1.00	
Vinyl Chloride	ND	5.0	0.50	1.00	
p/m-Xylene	ND	5.0	0.27	1.00	
o-Xylene	ND	5.0	0.56	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	0.30	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	60-132	
Dibromofluoromethane	101	63-141	
1,2-Dichloroethane-d4	103	62-146	
Toluene-d8	98	70-130	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
IDW - Soil	**Sample**	**Solid**	**ICP 7300**	**07/19/16**	**07/21/16 11:06**	**160719S03**
IDW - Soil	**Matrix Spike**	**Solid**	**ICP 7300**	**07/19/16**	**07/21/16 11:07**	**160719S03**
IDW - Soil	**Matrix Spike Duplicate**	**Solid**	**ICP 7300**	**07/19/16**	**07/21/16 11:08**	**160719S03**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	6.108	24	8.447	34	50-115	32	0-20	3,4
Arsenic	1.620	25.00	30.02	114	27.69	104	75-125	8	0-20	
Barium	66.91	25.00	110.5	175	93.98	108	75-125	16	0-20	3
Beryllium	0.2706	25.00	28.52	113	25.88	102	75-125	10	0-20	
Cadmium	ND	25.00	28.39	114	25.70	103	75-125	10	0-20	
Chromium	13.62	25.00	43.83	121	39.34	103	75-125	11	0-20	
Cobalt	7.342	25.00	37.28	120	32.87	102	75-125	13	0-20	
Copper	7.798	25.00	38.47	123	34.28	106	75-125	12	0-20	
Lead	3.480	25.00	31.98	114	29.64	105	75-125	8	0-20	
Molybdenum	0.3425	25.00	24.78	98	23.42	92	75-125	6	0-20	
Nickel	5.560	25.00	34.00	114	31.25	103	75-125	8	0-20	
Selenium	ND	25.00	26.18	105	24.91	100	75-125	5	0-20	
Silver	ND	12.50	13.69	110	12.73	102	75-125	7	0-20	
Thallium	ND	25.00	27.80	111	26.22	105	75-125	6	0-20	
Vanadium	46.79	25.00	78.61	127	68.96	89	75-125	13	0-20	3
Zinc	27.20	25.00	59.97	131	54.36	109	75-125	10	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
IDW - Water	**Sample**	**Aqueous**	**ICP 7300**	**07/16/16**	**07/21/16 10:51**	**160716SA1**
IDW - Water	**Matrix Spike**	**Aqueous**	**ICP 7300**	**07/16/16**	**07/21/16 10:53**	**160716SA1**
IDW - Water	**Matrix Spike Duplicate**	**Aqueous**	**ICP 7300**	**07/16/16**	**07/21/16 10:54**	**160716SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	0.5000	0.5304	106	0.5317	106	75-125	0	0-20	
Arsenic	0.01074	0.5000	0.5593	110	0.5560	109	75-125	1	0-20	
Barium	0.02871	0.5000	0.5544	105	0.5507	104	75-125	1	0-20	
Beryllium	ND	0.5000	0.5287	106	0.5249	105	75-125	1	0-20	
Cadmium	ND	0.5000	0.5258	105	0.5209	104	75-125	1	0-20	
Chromium	ND	0.5000	0.5248	105	0.5208	104	75-125	1	0-20	
Cobalt	ND	0.5000	0.5444	109	0.5479	110	75-125	1	0-20	
Copper	0.01651	0.5000	0.5474	106	0.5483	106	75-125	0	0-20	
Lead	ND	0.5000	0.5148	103	0.5188	104	75-125	1	0-20	
Molybdenum	0.06583	0.5000	0.5882	104	0.5939	106	75-125	1	0-20	
Nickel	0.01002	0.5000	0.5393	106	0.5417	106	75-125	0	0-20	
Selenium	ND	0.5000	0.5154	103	0.5375	108	75-125	4	0-20	
Silver	ND	0.2500	0.2598	104	0.2585	103	75-125	0	0-20	
Thallium	ND	0.5000	0.5324	106	0.5228	105	75-125	2	0-20	
Vanadium	0.02513	0.5000	0.5453	104	0.5439	104	75-125	0	0-20	
Zinc	0.02352	0.5000	0.5723	110	0.5746	110	75-125	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559-013

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 7471A Total
Method: EPA 7471A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
IDW - Soil	**Sample**	**Solid**	**Mercury 05**	**07/20/16**	**07/20/16 15:29**	**160720S02**
IDW - Soil	**Matrix Spike**	**Solid**	**Mercury 05**	**07/20/16**	**07/20/16 15:31**	**160720S02**
IDW - Soil	**Matrix Spike Duplicate**	**Solid**	**Mercury 05**	**07/20/16**	**07/20/16 15:33**	**160720S02**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8919	107	0.8996	108	75-125	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
16-07-0683-1	**Sample**	**Aqueous**	**GC/MS L**	**07/14/16**	**07/14/16 11:06**	**160714S005**
16-07-0683-1	**Matrix Spike**	**Aqueous**	**GC/MS L**	**07/14/16**	**07/14/16 12:01**	**160714S005**
16-07-0683-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**07/14/16**	**07/14/16 12:28**	**160714S005**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	10.00	9.104	91	9.775	98	51-163	7	0-82	
Benzene	ND	10.00	10.62	106	10.37	104	77-121	2	0-21	
Bromobenzene	ND	10.00	10.66	107	10.39	104	78-120	3	0-20	
Bromochloromethane	ND	10.00	9.394	94	9.760	98	71-135	4	0-28	
Bromodichloromethane	ND	10.00	10.54	105	10.62	106	72-129	1	0-26	
Bromoform	ND	10.00	9.599	96	9.918	99	61-140	3	0-22	
Bromomethane	ND	10.00	6.823	68	6.499	65	63-140	5	0-36	
2-Butanone	ND	10.00	8.234	82	8.812	88	55-138	7	0-45	
n-Butylbenzene	ND	10.00	11.16	112	10.98	110	67-127	2	0-26	
sec-Butylbenzene	ND	10.00	11.20	112	10.99	110	66-122	2	0-26	
tert-Butylbenzene	ND	10.00	11.13	111	10.96	110	73-120	2	0-26	
Carbon Disulfide	ND	10.00	10.37	104	10.69	107	27-170	3	0-36	
Carbon Tetrachloride	ND	10.00	10.82	108	11.43	114	64-135	5	0-31	
Chlorobenzene	ND	10.00	10.69	107	10.53	105	80-120	2	0-20	
Chloroethane	ND	10.00	10.62	106	9.576	96	67-131	10	0-35	
2-Chloroethyl Vinyl Ether	ND	10.00	0	0	0	0	60-139	0	0-90	3
Chloroform	ND	10.00	9.551	96	9.687	97	75-126	1	0-20	
Chloromethane	ND	10.00	7.089	71	6.772	68	54-143	5	0-41	
2-Chlorotoluene	ND	10.00	11.08	111	10.79	108	64-123	3	0-34	
4-Chlorotoluene	ND	10.00	10.76	108	10.53	105	67-126	2	0-23	
Dibromochloromethane	ND	10.00	9.763	98	9.786	98	76-132	0	0-23	
1,2-Dibromo-3-Chloropropane	ND	10.00	8.926	89	9.720	97	65-125	9	0-31	
1,2-Dibromoethane	ND	10.00	10.27	103	10.12	101	74-130	1	0-22	
Dibromomethane	ND	10.00	9.894	99	10.04	100	75-127	1	0-29	
1,2-Dichlorobenzene	ND	10.00	10.51	105	10.31	103	78-120	2	0-19	
1,3-Dichlorobenzene	ND	10.00	10.51	105	10.27	103	75-120	2	0-22	
1,4-Dichlorobenzene	ND	10.00	10.25	103	10.03	100	78-120	2	0-21	
Dichlorodifluoromethane	ND	10.00	7.802	78	6.993	70	25-168	11	0-41	
1,1-Dichloroethane	ND	10.00	10.01	100	10.17	102	63-144	2	0-32	
1,2-Dichloroethane	ND	10.00	10.16	102	10.09	101	72-130	1	0-25	
1,1-Dichloroethene	ND	10.00	10.00	100	10.41	104	66-130	4	0-32	
c-1,2-Dichloroethene	ND	10.00	9.355	94	9.587	96	76-123	2	0-32	
t-1,2-Dichloroethene	ND	10.00	10.06	101	10.20	102	67-129	1	0-35	
Acetonitrile	ND	20.00	19.69	98	20.38	102	70-130	3	0-35	
1,2-Dichloropropane	ND	10.00	10.35	103	10.31	103	74-122	0	0-24	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acrolein	ND	20.00	19.04	95	20.65	103	70-130	8	0-35	
Acrylonitrile	ND	10.00	9.122	91	9.758	98	65-149	7	0-89	
1,3-Dichloropropane	ND	10.00	10.32	103	10.18	102	74-128	1	0-21	
2,2-Dichloropropane	ND	10.00	9.898	99	9.948	99	68-125	1	0-40	
Allyl Chloride	ND	10.00	9.497	95	9.925	99	70-130	4	0-35	
1,1-Dichloropropene	ND	10.00	10.00	100	10.24	102	68-119	2	0-26	
c-1,3-Dichloropropene	ND	10.00	9.788	98	9.821	98	76-126	0	0-24	
t-1,3-Dichloropropene	ND	10.00	9.405	94	9.537	95	71-127	1	0-22	
Ethylbenzene	ND	10.00	11.10	111	10.96	110	78-120	1	0-23	
2-Hexanone	ND	10.00	8.681	87	9.252	93	61-137	6	0-36	
Isopropylbenzene	ND	10.00	11.35	114	11.28	113	71-123	1	0-24	
p-Isopropyltoluene	ND	10.00	11.24	112	11.03	110	68-122	2	0-25	
Methylene Chloride	ND	10.00	9.573	96	9.514	95	71-129	1	0-30	
4-Methyl-2-Pentanone	ND	10.00	8.328	83	9.070	91	60-136	9	0-41	
Naphthalene	ND	10.00	9.279	93	9.687	97	55-159	4	0-30	
n-Propylbenzene	ND	10.00	11.44	114	11.29	113	64-125	1	0-35	
Styrene	ND	10.00	11.07	111	10.68	107	77-120	4	0-23	
Chloroprene	ND	10.00	10.39	104	10.54	105	70-130	1	0-35	
1,1,1,2-Tetrachloroethane	ND	10.00	11.14	111	11.14	111	79-123	0	0-20	
1,1,2,2-Tetrachloroethane	ND	10.00	9.613	96	9.634	96	67-132	0	0-25	
Tetrachloroethene	ND	10.00	10.70	107	10.63	106	72-119	1	0-24	
Toluene	ND	10.00	10.65	106	10.58	106	78-120	1	0-25	
1,2,3-Trichlorobenzene	ND	10.00	9.904	99	9.815	98	70-129	1	0-27	
Ethyl Methacrylate	ND	10.00	9.242	92	9.774	98	70-130	6	0-35	
1,2,4-Trichlorobenzene	ND	10.00	9.938	99	9.967	100	71-128	0	0-26	
1,1,1-Trichloroethane	ND	10.00	9.996	100	10.24	102	66-130	2	0-30	
Hexachloro-1,3-Butadiene	ND	10.00	10.91	109	10.70	107	52-128	2	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10.00	10.37	104	10.54	105	52-145	2	0-35	
1,1,2-Trichloroethane	ND	10.00	10.41	104	10.13	101	77-124	3	0-25	
Iodomethane	ND	20.00	14.25	71	15.05	75	70-130	5	0-35	
Trichloroethene	ND	10.00	10.42	104	10.50	105	75-116	1	0-24	
Trichlorofluoromethane	ND	10.00	10.55	105	9.904	99	62-146	6	0-36	
Isobutyl Alcohol	ND	20.00	18.52	93	15.68	78	70-130	17	0-35	
1,2,3-Trichloropropane	ND	10.00	9.874	99	10.25	103	80-120	4	0-20	
1,2,4-Trimethylbenzene	ND	10.00	10.95	110	10.68	107	70-127	3	0-23	
Methacrylonitrile	ND	10.00	7.790	78	8.874	89	70-130	13	0-35	
Methyl Methacrylate	ND	10.00	8.523	85	9.109	91	70-130	7	0-35	
1,3,5-Trimethylbenzene	ND	10.00	11.37	114	11.40	114	72-124	0	0-23	
Vinyl Acetate	ND	10.00	5.964	60	8.029	80	45-164	30	0-74	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Vinyl Chloride	ND	10.00	9.972	100	8.664	87	60-141	14	0-34	
p/m-Xylene	ND	20.00	22.66	113	22.24	111	74-122	2	0-23	
o-Xylene	ND	10.00	11.16	112	11.01	110	74-122	1	0-24	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	8.967	90	9.430	94	57-144	5	0-31	
t-1,4-Dichloro-2-Butene	ND	10.00	10.03	100	10.51	105	70-130	5	0-35	
Tetrahydrofuran	ND	10.00	7.930	79	8.746	87	70-130	10	0-35	
Propionitrile	ND	10.00	8.729	87	9.159	92	70-130	5	0-35	
Tert-Butyl Alcohol (TBA)	ND	50.00	58.38	117	50.29	101	43-170	15	0-38	
Diisopropyl Ether (DIPE)	ND	10.00	10.26	103	10.33	103	70-130	1	0-35	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	8.944	89	9.176	92	70-130	3	0-35	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	9.709	97	9.944	99	70-130	2	0-35	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
IDW - Soil	**Sample**	**Solid**	**GC/MS Q**	**07/14/16**	**07/14/16 11:08**	**160714S003**
IDW - Soil	**Matrix Spike**	**Solid**	**GC/MS Q**	**07/14/16**	**07/14/16 11:34**	**160714S003**
IDW - Soil	**Matrix Spike Duplicate**	**Solid**	**GC/MS Q**	**07/14/16**	**07/14/16 12:00**	**160714S003**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Acetone	ND	50.00	46.94	94	44.51	89	70-130	5	0-20	
Benzene	ND	50.00	44.80	90	41.58	83	61-127	7	0-20	
Bromobenzene	ND	50.00	40.10	80	38.07	76	70-130	5	0-20	
Bromochloromethane	ND	50.00	47.33	95	38.54	77	70-130	20	0-20	
Bromodichloromethane	ND	50.00	45.43	91	40.31	81	70-130	12	0-20	
Bromoform	ND	50.00	42.88	86	44.13	88	70-130	3	0-20	
Bromomethane	ND	50.00	41.30	83	34.02	68	70-130	19	0-20	3
2-Butanone	ND	50.00	45.01	90	46.77	94	70-130	4	0-20	
n-Butylbenzene	ND	50.00	37.66	75	35.05	70	77-123	7	0-25	3
sec-Butylbenzene	ND	50.00	39.93	80	38.25	76	70-130	4	0-20	
tert-Butylbenzene	ND	50.00	42.06	84	40.47	81	70-130	4	0-20	
Carbon Disulfide	ND	50.00	47.82	96	38.76	78	70-130	21	0-20	4
Carbon Tetrachloride	ND	50.00	46.68	93	41.10	82	51-135	13	0-29	
Chlorobenzene	ND	50.00	41.41	83	39.48	79	57-123	5	0-20	
Chloroethane	ND	50.00	48.05	96	39.92	80	70-130	18	0-20	
Chloroform	ND	50.00	43.57	87	36.87	74	70-130	17	0-20	
Chloromethane	ND	50.00	47.36	95	39.13	78	70-130	19	0-20	
2-Chlorotoluene	ND	50.00	39.80	80	37.97	76	70-130	5	0-20	
4-Chlorotoluene	ND	50.00	39.85	80	37.48	75	70-130	6	0-20	
Dibromochloromethane	ND	50.00	44.19	88	40.68	81	70-130	8	0-20	
1,2-Dibromo-3-Chloropropane	ND	50.00	39.91	80	44.59	89	70-130	11	0-20	
1,2-Dibromoethane	ND	50.00	44.54	89	42.58	85	64-124	5	0-20	
Dibromomethane	ND	50.00	45.29	91	38.96	78	70-130	15	0-20	
1,2-Dichlorobenzene	ND	50.00	36.91	74	35.25	70	35-131	5	0-25	
1,3-Dichlorobenzene	ND	50.00	36.51	73	35.01	70	70-130	4	0-20	
1,4-Dichlorobenzene	ND	50.00	36.33	73	34.51	69	70-130	5	0-20	3
Dichlorodifluoromethane	ND	50.00	43.76	88	35.38	71	70-130	21	0-20	4
1,1-Dichloroethane	ND	50.00	46.70	93	38.56	77	70-130	19	0-20	
1,2-Dichloroethane	ND	50.00	42.34	85	38.08	76	70-130	11	0-20	
1,1-Dichloroethene	ND	50.00	47.29	95	39.49	79	47-143	18	0-25	
c-1,2-Dichloroethene	ND	50.00	46.49	93	38.32	77	70-130	19	0-20	
t-1,2-Dichloroethene	ND	50.00	47.63	95	40.48	81	70-130	16	0-20	
1,2-Dichloropropane	ND	50.00	45.91	92	42.55	85	79-115	8	0-25	
1,3-Dichloropropane	ND	50.00	45.04	90	41.94	84	70-130	7	0-20	
2,2-Dichloropropane	ND	50.00	45.20	90	39.42	79	70-130	14	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloropropene	ND	50.00	45.81	92	40.90	82	70-130	11	0-20	
c-1,3-Dichloropropene	ND	50.00	45.38	91	43.49	87	70-130	4	0-20	
t-1,3-Dichloropropene	ND	50.00	46.52	93	44.18	88	70-130	5	0-20	
Ethylbenzene	ND	50.00	43.23	86	41.65	83	57-129	4	0-22	
2-Hexanone	ND	50.00	44.77	90	53.92	108	70-130	19	0-20	
Isopropylbenzene	ND	50.00	42.85	86	41.13	82	70-130	4	0-20	
p-Isopropyltoluene	ND	50.00	39.38	79	37.27	75	70-130	6	0-20	
Methylene Chloride	ND	50.00	47.11	94	37.03	74	70-130	24	0-20	4
4-Methyl-2-Pentanone	ND	50.00	44.92	90	52.30	105	70-130	15	0-20	
Naphthalene	ND	50.00	32.66	65	30.55	61	70-130	7	0-20	3
n-Propylbenzene	ND	50.00	42.01	84	38.56	77	70-130	9	0-20	
Styrene	ND	50.00	43.49	87	41.07	82	70-130	6	0-20	
1,1,1,2-Tetrachloroethane	ND	50.00	44.35	89	43.14	86	70-130	3	0-20	
1,1,2,2-Tetrachloroethane	ND	50.00	41.60	83	45.16	90	70-130	8	0-20	
Tetrachloroethene	ND	50.00	45.86	92	45.26	91	70-130	1	0-20	
Toluene	ND	50.00	44.04	88	42.93	86	63-123	3	0-20	
1,2,3-Trichlorobenzene	ND	50.00	25.63	51	23.19	46	70-130	10	0-20	3
1,2,4-Trichlorobenzene	ND	50.00	27.33	55	25.09	50	70-130	9	0-20	3
1,1,1-Trichloroethane	ND	50.00	44.00	88	38.22	76	70-130	14	0-20	
1,1,2-Trichloroethane	ND	50.00	42.56	85	40.99	82	70-130	4	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50.00	49.33	99	42.15	84	70-130	16	0-20	
Trichloroethene	ND	50.00	45.99	92	42.41	85	44-158	8	0-20	
1,2,3-Trichloropropane	ND	50.00	42.94	86	43.20	86	70-130	1	0-20	
1,2,4-Trimethylbenzene	ND	50.00	39.26	79	37.86	76	70-130	4	0-20	
Trichlorofluoromethane	ND	50.00	46.22	92	37.02	74	70-130	22	0-20	4
1,3,5-Trimethylbenzene	ND	50.00	41.10	82	38.03	76	70-130	8	0-20	
Vinyl Acetate	ND	50.00	27.83	56	22.06	44	70-130	23	0-20	3,4
Vinyl Chloride	ND	50.00	51.27	103	41.33	83	49-139	21	0-47	
p/m-Xylene	ND	100.0	84.87	85	81.44	81	70-130	4	0-20	
o-Xylene	ND	50.00	42.60	85	40.93	82	70-130	4	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	45.01	90	43.78	88	57-123	3	0-21	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
IDW - Soil	**Sample**	**Solid**	**ICP 7300**	**07/19/16 00:00**	**07/21/16 11:06**	**160719S03**
IDW - Soil	**PDS**	**Solid**	**ICP 7300**	**07/19/16 00:00**	**07/21/16 11:09**	**160719S03**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	25.00	25.80	103	75-125	
Arsenic	1.620	25.00	28.98	109	75-125	
Barium	66.91	25.00	93.31	106	75-125	
Beryllium	0.2706	25.00	26.53	105	75-125	
Cadmium	ND	25.00	26.38	106	75-125	
Chromium	13.62	25.00	39.91	105	75-125	
Cobalt	7.342	25.00	34.59	109	75-125	
Copper	7.798	25.00	34.96	109	75-125	
Lead	3.480	25.00	30.22	107	75-125	
Molybdenum	0.3425	25.00	26.89	106	75-125	
Nickel	5.560	25.00	32.08	106	75-125	
Selenium	ND	25.00	26.45	106	75-125	
Silver	ND	12.50	12.92	103	75-125	
Thallium	ND	25.00	26.64	107	75-125	
Vanadium	46.79	25.00	72.10	101	75-125	
Zinc	27.20	25.00	53.77	106	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
IDW - Water	**Sample**	**Aqueous**	**ICP 7300**	**07/16/16 00:00**	**07/21/16 10:51**	**160716SA1**
IDW - Water	**PDS**	**Aqueous**	**ICP 7300**	**07/16/16 00:00**	**07/21/16 10:55**	**160716SA1**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Antimony	ND	0.5000	0.4740	95	75-125	
Arsenic	0.01074	0.5000	0.5448	107	75-125	
Barium	0.02871	0.5000	0.5335	101	75-125	
Beryllium	ND	0.5000	0.5080	102	75-125	
Cadmium	ND	0.5000	0.5075	102	75-125	
Chromium	ND	0.5000	0.5072	101	75-125	
Cobalt	ND	0.5000	0.5404	108	75-125	
Copper	0.01651	0.5000	0.5328	103	75-125	
Lead	ND	0.5000	0.5066	101	75-125	
Molybdenum	0.06583	0.5000	0.5874	104	75-125	
Nickel	0.01002	0.5000	0.5353	105	75-125	
Selenium	ND	0.5000	0.5183	104	75-125	
Silver	ND	0.2500	0.2442	98	75-125	
Thallium	ND	0.5000	0.5235	105	75-125	
Vanadium	0.02513	0.5000	0.5263	100	75-125	
Zinc	0.02352	0.5000	0.5704	109	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - PDS/PDSD

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559-013

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 7470A Total
Method: EPA 7470A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
IDW - Water	**Sample**	**Aqueous**	**Mercury 04**	**07/20/16 00:00**	**07/21/16 12:08**	**160720PSA3**
IDW - Water	**PDS**	**Aqueous**	**Mercury 04**	**07/20/16 00:00**	**07/21/16 12:11**	**160720PSA3**
IDW - Water	**PDSD**	**Aqueous**	**Mercury 04**	**07/20/16 00:00**	**07/21/16 12:13**	**160720PSA3**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	PDSD Conc.	PDSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.01000	0.009581	96	0.01034	103	75-125	8	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - PDS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559-013

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 7471A Total
Method: EPA 7471A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
IDW - Soil	**Sample**	**Solid**	**Mercury 05**	**07/20/16 00:00**	**07/20/16 15:29**	**160720S02**
IDW - Soil	**PDS**	**Solid**	**Mercury 05**	**07/20/16 00:00**	**07/20/16 15:36**	**160720S02**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Mercury	ND	0.8350	0.8423	101	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Sample Duplicate

Haley & Aldrich, Inc,		Date Received:	07/13/16
5333 Mission Center Rd., Suite 300		Work Order:	16-07-0873
San Diego, CA 92108-1350		Preparation:	N/A
		Method:	ASTM D-2216 (M)
Project: UTAS - Due Diligence / 43559-013			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-07-0851-1	**Sample**	**Solid**	**N/A**	**07/14/16 00:00**	**07/15/16 11:00**	**G0715MOID4**
16-07-0851-1	**Sample Duplicate**	**Solid**	**N/A**	**07/14/16 00:00**	**07/15/16 11:00**	**G0715MOID4**

Parameter	Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Moisture	6.900	7.000	1	0-10	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - LCS

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3050B
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
097-01-002-22971	**LCS**	**Solid**	**ICP 7300**	**07/19/16**	**07/21/16 11:03**	**160719L03U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	25.00	26.10	104	80-120	73-127	
Arsenic	25.00	25.77	103	80-120	73-127	
Barium	25.00	26.81	107	80-120	73-127	
Beryllium	25.00	25.87	103	80-120	73-127	
Cadmium	25.00	25.94	104	80-120	73-127	
Chromium	25.00	26.28	105	80-120	73-127	
Cobalt	25.00	27.74	111	80-120	73-127	
Copper	25.00	26.36	105	80-120	73-127	
Lead	25.00	27.48	110	80-120	73-127	
Molybdenum	25.00	26.43	106	80-120	73-127	
Nickel	25.00	27.25	109	80-120	73-127	
Selenium	25.00	25.71	103	80-120	73-127	
Silver	12.50	12.93	103	80-120	73-127	
Thallium	25.00	27.99	112	80-120	73-127	
Vanadium	25.00	25.29	101	80-120	73-127	
Zinc	25.00	26.71	107	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-458-46	**LCS**	**Aqueous**	**ICP 7300**	**07/16/16**	**07/21/16 10:58**	**160716LA1U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Antimony	0.5000	0.4991	100	80-120	73-127	
Arsenic	0.5000	0.4962	99	80-120	73-127	
Barium	0.5000	0.5136	103	80-120	73-127	
Beryllium	0.5000	0.4827	97	80-120	73-127	
Cadmium	0.5000	0.5130	103	80-120	73-127	
Chromium	0.5000	0.5170	103	80-120	73-127	
Cobalt	0.5000	0.5378	108	80-120	73-127	
Copper	0.5000	0.5184	104	80-120	73-127	
Lead	0.5000	0.5286	106	80-120	73-127	
Molybdenum	0.5000	0.5096	102	80-120	73-127	
Nickel	0.5000	0.5373	107	80-120	73-127	
Selenium	0.5000	0.4755	95	80-120	73-127	
Silver	0.2500	0.2466	99	80-120	73-127	
Thallium	0.5000	0.5316	106	80-120	73-127	
Vanadium	0.5000	0.4964	99	80-120	73-127	
Zinc	0.5000	0.5357	107	80-120	73-127	

Total number of LCS compounds: 16
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - LCS/LCSD

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Project: UTAS - Due Diligence / 43559-013

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 7470A Total
Method: EPA 7470A

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-008-7926	**LCS**	**Aqueous**	**Mercury 04**	**07/20/16**	**07/21/16 12:04**	**160720LA3**
099-04-008-7926	**LCSD**	**Aqueous**	**Mercury 04**	**07/20/16**	**07/21/16 12:06**	**160720LA3**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	0.01000	0.01026	103	0.01023	102	80-120	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

Quality Control - LCS

Haley & Aldrich, Inc,	Date Received: 07/13/16
5333 Mission Center Rd., Suite 300	Work Order: 16-07-0873
San Diego, CA 92108-1350	Preparation: EPA 7471A Total
	Method: EPA 7471A
Project: UTAS - Due Diligence / 43559-013	

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-480-51	**LCS**	**Solid**	**Mercury 05**	**07/20/16**	**07/20/16 15:27**	**160720L02U**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Mercury	0.8350	0.8745	105	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-16-446-110	**LCS**	**Aqueous**	**GC/MS L**	**07/14/16**	**07/14/16 09:20**	**160714L002**
099-16-446-110	**LCSD**	**Aqueous**	**GC/MS L**	**07/14/16**	**07/14/16 09:47**	**160714L002**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Acetone	10.00	9.206	92	9.423	94	51-163	32-182	2	0-82	
Benzene	10.00	10.49	105	10.43	104	77-121	70-128	1	0-21	
Bromobenzene	10.00	10.75	108	10.79	108	78-120	71-127	0	0-20	
Bromochloromethane	10.00	9.614	96	10.02	100	71-135	60-146	4	0-28	
Bromodichloromethane	10.00	10.98	110	11.05	110	72-129	62-138	1	0-26	
Bromoform	10.00	11.42	114	10.99	110	61-140	48-153	4	0-22	
Bromomethane	10.00	6.080	61	6.508	65	63-140	50-153	7	0-36	ME
2-Butanone	10.00	9.025	90	9.420	94	55-138	41-152	4	0-45	
n-Butylbenzene	10.00	11.32	113	10.95	110	67-127	57-137	3	0-26	
sec-Butylbenzene	10.00	11.34	113	10.97	110	66-122	57-131	3	0-26	
tert-Butylbenzene	10.00	11.35	114	11.00	110	73-120	65-128	3	0-26	
Carbon Disulfide	10.00	10.71	107	10.63	106	27-170	3-194	1	0-36	
Carbon Tetrachloride	10.00	11.35	114	11.11	111	64-135	52-147	2	0-31	
Chlorobenzene	10.00	10.82	108	10.67	107	80-120	73-127	1	0-20	
Chloroethane	10.00	9.778	98	10.19	102	67-131	56-142	4	0-35	
2-Chloroethyl Vinyl Ether	10.00	5.778	58	7.445	74	60-139	47-152	25	0-90	ME
Chloroform	10.00	9.645	96	9.772	98	75-126	66-134	1	0-31	
Chloromethane	10.00	6.418	64	6.623	66	54-143	39-158	3	0-41	
2-Chlorotoluene	10.00	11.08	111	10.98	110	64-123	54-133	1	0-34	
4-Chlorotoluene	10.00	11.01	110	10.64	106	67-126	57-136	3	0-23	
Dibromochloromethane	10.00	10.37	104	10.52	105	76-132	67-141	1	0-23	
1,2-Dibromo-3-Chloropropane	10.00	10.25	102	11.14	111	65-125	55-135	8	0-31	
1,2-Dibromoethane	10.00	10.63	106	10.74	107	74-130	65-139	1	0-22	
Dibromomethane	10.00	9.930	99	10.37	104	75-127	66-136	4	0-29	
1,2-Dichlorobenzene	10.00	10.69	107	10.68	107	78-120	71-127	0	0-19	
1,3-Dichlorobenzene	10.00	10.65	106	10.53	105	75-120	68-128	1	0-22	
1,4-Dichlorobenzene	10.00	10.46	105	10.41	104	78-120	71-127	0	0-21	
Dichlorodifluoromethane	10.00	9.064	91	9.156	92	25-168	1-192	1	0-41	
1,1-Dichloroethane	10.00	10.33	103	10.41	104	63-144	50-158	1	0-32	
1,2-Dichloroethane	10.00	9.900	99	10.20	102	72-130	62-140	3	0-25	
1,1-Dichloroethene	10.00	10.16	102	10.28	103	66-130	55-141	1	0-32	
c-1,2-Dichloroethene	10.00	9.341	93	9.706	97	76-123	68-131	4	0-32	
t-1,2-Dichloroethene	10.00	10.11	101	9.337	93	67-129	57-139	8	0-35	
Acetonitrile	20.00	19.42	97	16.66	83	70-130	60-140	15	0-35	
1,2-Dichloropropane	10.00	10.46	105	10.69	107	74-122	66-130	2	0-24	
Acrolein	20.00	23.52	118	25.20	126	70-130	60-140	7	0-35	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Acrylonitrile	10.00	8.933	89	8.087	81	65-149	51-163	10	0-89	
1,3-Dichloropropane	10.00	10.34	103	10.56	106	74-128	65-137	2	0-21	
2,2-Dichloropropane	10.00	10.13	101	9.477	95	68-125	58-134	7	0-40	
Allyl Chloride	10.00	10.11	101	8.936	89	70-130	60-140	12	0-35	
1,1-Dichloropropene	10.00	10.29	103	10.25	103	68-119	60-128	0	0-26	
c-1,3-Dichloropropene	10.00	10.48	105	10.74	107	76-126	68-134	3	0-24	
t-1,3-Dichloropropene	10.00	10.03	100	10.14	101	71-127	62-136	1	0-22	
Ethylbenzene	10.00	11.27	113	10.92	109	78-120	71-127	3	0-23	
2-Hexanone	10.00	9.599	96	10.28	103	61-137	48-150	7	0-36	
Isopropylbenzene	10.00	11.50	115	11.24	112	71-123	62-132	2	0-24	
p-Isopropyltoluene	10.00	11.36	114	11.03	110	68-122	59-131	3	0-25	
Methylene Chloride	10.00	9.554	96	8.965	90	71-129	61-139	6	0-30	
4-Methyl-2-Pentanone	10.00	9.149	91	9.556	96	60-136	47-149	4	0-41	
Naphthalene	10.00	10.07	101	10.34	103	55-159	38-176	3	0-30	
n-Propylbenzene	10.00	11.48	115	11.15	111	64-125	54-135	3	0-35	
Styrene	10.00	11.21	112	11.21	112	77-120	70-127	0	0-23	
Chloroprene	10.00	10.96	110	10.83	108	70-130	60-140	1	0-35	
1,1,1,2-Tetrachloroethane	10.00	11.90	119	11.72	117	79-123	72-130	2	0-20	
1,1,2,2-Tetrachloroethane	10.00	10.39	104	10.34	103	67-132	56-143	0	0-25	
Tetrachloroethene	10.00	11.11	111	10.64	106	72-119	64-127	4	0-24	
Toluene	10.00	10.67	107	10.67	107	78-120	71-127	0	0-25	
1,2,3-Trichlorobenzene	10.00	10.31	103	10.42	104	70-129	60-139	1	0-27	
Ethyl Methacrylate	10.00	9.850	99	10.47	105	70-130	60-140	6	0-35	
1,2,4-Trichlorobenzene	10.00	10.40	104	10.54	105	71-128	62-138	1	0-26	
1,1,1-Trichloroethane	10.00	10.16	102	9.978	100	66-130	55-141	2	0-30	
Hexachloro-1,3-Butadiene	10.00	11.26	113	10.81	108	52-128	39-141	4	0-30	
1,1,2-Trichloro-1,2,2-Trifluoroethane	10.00	10.53	105	10.32	103	52-145	36-160	2	0-35	
1,1,2-Trichloroethane	10.00	10.76	108	10.59	106	77-124	69-132	2	0-25	
Iodomethane	20.00	15.42	77	16.15	81	70-130	60-140	5	0-35	
Trichloroethene	10.00	10.56	106	10.57	106	75-116	68-123	0	0-24	
Trichlorofluoromethane	10.00	10.01	100	10.25	103	62-146	48-160	2	0-36	
Isobutyl Alcohol	20.00	16.20	81	18.11	91	70-130	60-140	11	0-35	
1,2,3-Trichloropropane	10.00	10.50	105	10.76	108	80-120	73-127	2	0-20	
1,2,4-Trimethylbenzene	10.00	11.00	110	10.86	109	70-127	60-136	1	0-23	
Methacrylonitrile	10.00	8.478	85	8.923	89	70-130	60-140	5	0-35	
Methyl Methacrylate	10.00	9.406	94	9.948	99	70-130	60-140	6	0-35	
1,3,5-Trimethylbenzene	10.00	11.37	114	11.35	113	72-124	63-133	0	0-23	
Vinyl Acetate	10.00	8.467	85	8.718	87	45-164	25-184	3	0-74	
Vinyl Chloride	10.00	9.380	94	10.19	102	60-141	46-154	8	0-34	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
p/m-Xylene	20.00	22.73	114	22.28	111	74-122	66-130	2	0-23	
o-Xylene	10.00	11.29	113	11.10	111	74-122	66-130	2	0-24	
Methyl-t-Butyl Ether (MTBE)	10.00	9.270	93	8.960	90	57-144	42-158	3	0-31	
t-1,4-Dichloro-2-Butene	10.00	10.53	105	11.07	111	70-130	60-140	5	0-35	
Tetrahydrofuran	10.00	8.726	87	8.822	88	70-130	60-140	1	0-35	
Propionitrile	10.00	9.327	93	9.342	93	70-130	60-140	0	0-35	
Tert-Butyl Alcohol (TBA)	50.00	53.92	108	51.84	104	43-170	22-191	4	0-38	
Diisopropyl Ether (DIPE)	10.00	10.72	107	11.20	112	70-130	60-140	4	0-35	
Ethyl-t-Butyl Ether (ETBE)	10.00	9.213	92	9.606	96	70-130	60-140	4	0-35	
Tert-Amyl-Methyl Ether (TAME)	10.00	9.902	99	10.34	103	70-130	60-140	4	0-35	

Total number of LCS compounds: 85
Total number of ME compounds: 2
Total number of ME compounds allowed: 4
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-314-583	**LCS**	**Solid**	**GC/MS Q**	**07/14/16**	**07/14/16 09:11**	**160714L008**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Acetone	50.00	46.73	93	70-130	60-140	
Benzene	50.00	45.37	91	78-120	71-127	
Bromobenzene	50.00	47.79	96	70-130	60-140	
Bromochloromethane	50.00	45.08	90	70-130	60-140	
Bromodichloromethane	50.00	45.25	90	70-130	60-140	
Bromoform	50.00	48.57	97	70-130	60-140	
Bromomethane	50.00	39.77	80	70-130	60-140	
2-Butanone	50.00	48.83	98	70-130	60-140	
n-Butylbenzene	50.00	47.13	94	77-123	69-131	
sec-Butylbenzene	50.00	47.77	96	70-130	60-140	
tert-Butylbenzene	50.00	50.40	101	70-130	60-140	
Carbon Disulfide	50.00	45.64	91	70-130	60-140	
Carbon Tetrachloride	50.00	46.58	93	49-139	34-154	
Chlorobenzene	50.00	45.60	91	79-120	72-127	
Chloroethane	50.00	46.09	92	70-130	60-140	
Chloroform	50.00	43.27	87	70-130	60-140	
Chloromethane	50.00	44.36	89	70-130	60-140	
2-Chlorotoluene	50.00	47.88	96	70-130	60-140	
4-Chlorotoluene	50.00	46.61	93	70-130	60-140	
Dibromochloromethane	50.00	45.56	91	70-130	60-140	
1,2-Dibromo-3-Chloropropane	50.00	48.91	98	70-130	60-140	
1,2-Dibromoethane	50.00	46.27	93	70-130	60-140	
Dibromomethane	50.00	44.10	88	70-130	60-140	
1,2-Dichlorobenzene	50.00	47.64	95	75-120	68-128	
1,3-Dichlorobenzene	50.00	46.77	94	70-130	60-140	
1,4-Dichlorobenzene	50.00	45.36	91	70-130	60-140	
Dichlorodifluoromethane	50.00	41.16	82	70-130	60-140	
1,1-Dichloroethane	50.00	45.02	90	70-130	60-140	
1,2-Dichloroethane	50.00	41.53	83	70-130	60-140	
1,1-Dichloroethene	50.00	45.33	91	74-122	66-130	
c-1,2-Dichloroethene	50.00	44.70	89	70-130	60-140	
t-1,2-Dichloroethene	50.00	46.34	93	70-130	60-140	
1,2-Dichloropropane	50.00	47.51	95	79-115	73-121	
1,3-Dichloropropane	50.00	45.38	91	70-130	60-140	
2,2-Dichloropropane	50.00	45.59	91	70-130	60-140	
1,1-Dichloropropene	50.00	46.59	93	70-130	60-140	
c-1,3-Dichloropropene	50.00	48.49	97	70-130	60-140	
t-1,3-Dichloropropene	50.00	49.33	99	70-130	60-140	

RPD: Relative Percent Difference. CL: Control Limits

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Haley & Aldrich, Inc,
5333 Mission Center Rd., Suite 300
San Diego, CA 92108-1350

Date Received: 07/13/16
Work Order: 16-07-0873
Preparation: EPA 5030C
Method: EPA 8260B

Project: UTAS - Due Diligence / 43559-013

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Ethylbenzene	50.00	47.99	96	76-120	69-127	
2-Hexanone	50.00	55.25	111	70-130	60-140	
Isopropylbenzene	50.00	49.15	98	70-130	60-140	
p-Isopropyltoluene	50.00	47.69	95	70-130	60-140	
Methylene Chloride	50.00	43.93	88	70-130	60-140	
4-Methyl-2-Pentanone	50.00	54.50	109	70-130	60-140	
Naphthalene	50.00	46.85	94	70-130	60-140	
n-Propylbenzene	50.00	48.49	97	70-130	60-140	
Styrene	50.00	50.00	100	70-130	60-140	
1,1,1,2-Tetrachloroethane	50.00	48.85	98	70-130	60-140	
1,1,2,2-Tetrachloroethane	50.00	48.19	96	70-130	60-140	
Tetrachloroethene	50.00	44.80	90	70-130	60-140	
Toluene	50.00	47.31	95	77-120	70-127	
1,2,3-Trichlorobenzene	50.00	46.92	94	70-130	60-140	
1,2,4-Trichlorobenzene	50.00	49.67	99	70-130	60-140	
1,1,1-Trichloroethane	50.00	43.21	86	70-130	60-140	
1,1,2-Trichloroethane	50.00	44.44	89	70-130	60-140	
1,1,2-Trichloro-1,2,2-Trifluoroethane	50.00	47.79	96	70-130	60-140	
Trichloroethene	50.00	46.97	94	70-130	60-140	
1,2,3-Trichloropropane	50.00	48.46	97	70-130	60-140	
1,2,4-Trimethylbenzene	50.00	46.75	93	70-130	60-140	
Trichlorofluoromethane	50.00	42.69	85	70-130	60-140	
1,3,5-Trimethylbenzene	50.00	48.71	97	70-130	60-140	
Vinyl Acetate	50.00	41.26	83	70-130	60-140	
Vinyl Chloride	50.00	48.03	96	68-122	59-131	
p/m-Xylene	100.0	96.25	96	70-130	60-140	
o-Xylene	50.00	48.79	98	70-130	60-140	
Methyl-t-Butyl Ether (MTBE)	50.00	47.53	95	77-120	70-127	

Total number of LCS compounds: 66
Total number of ME compounds: 0
Total number of ME compounds allowed: 3
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

Sample Analysis Summary Report

Work Order: 16-07-0873

Method	Extraction	Chemist ID	Instrument	Analytical Location
ASTM D-2216 (M)	N/A	1009	N/A	1
EPA 6010B	EPA 3010A Total	935	ICP 7300	1
EPA 6010B	EPA 3050B	935	ICP 7300	1
EPA 7470A	EPA 7470A Total	868	Mercury 04	1
EPA 7471A	EPA 7471A Total	868	Mercury 05	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B	EPA 5030C	1055	GC/MS Q	2

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Glossary of Terms and Qualifiers

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494

HALEY & ALDRICH CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: **16-07-0873**

DATE: July 13, 2016

PAGE: 1 OF 1

LABORATORY CLIENT: Haley & Aldrich, Inc.	HALEY & ALDRICH CLIENT NAME / PROJECT NO.: UTAS Due Diligence - 43559-013
ADDRESS: 5333 Mission Center Road, Suite #300	BLANKET SERVICE AGREEMENT NO.: 2015-18-EurofinsCalscience
CITY: San Diego STATE: CA ZIP: 92108	PROJECT CONTACT: Bob Scott
TEL: 619-285-7141 E-MAIL: bscott@haleyaldrich.com	SAMPLER(S): (PRINT) Keith Foster

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ Geotracker EDF GLOBAL ID: LOG CODE:

☐ H&A Standard EDD Sample Archiving requirements (if required to be held greater than 30 days):

Special Instructions:

UTC - CHULA VISTA

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (For COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	VOCs by EPA 8260B	Total metals by EPA 6010B
1	IDW - Soil		071216	1330	Soil	2	X			X	X
2	IDW - Water		071216	1340	Water	6		X		X	X

Relinquished by: (Signature)	Received by: (Signature/Affiliation) EQ	Date: 07/13/16	Time: 1235
Relinquished by: (Signature)	Received by: (Signature/Affiliation) Dannyle EQ	Date: 7/13/16	Time: 19:20
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

Eurofins Calscience Inc.'s services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement # 2015-18-Eurofins Calscience by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Eurofins Calscience Inc.

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WORK ORDER NUMBER: 16-07- 0873

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: HALEY & ALDRICH

DATE: 07 / 13 / 2016

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC1B (CF: 0.0°C); Temperature (w/o CF): 2.9 °C (w/ CF): 2.9 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 671

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 671

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 728

SAMPLE CONDITION:

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ 5 VOAh ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☑ 250PB**n** ☐ 500AGB ☐ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☑ 2 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 728

Reviewed by: 60

Return to Contents

PERMIT #: LMWP-004690
A.P.N.: 567-022-30-00
EST #: RWQCB

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
MONITORING WELL PROGRAM

MONITORING WELL DESTRUCTION PERMIT

SITE NAME: ROHR, INC, A COLLINS AEROSPACE COMPANY

SITE ADDRESS: 390 BAY BLVD, CHULA VISTA, CA 91910

PERMIT TO: **DESTROY MONITORING WELLS (3) & TRANSDUCERS (2)**

PERMIT APPROVAL DATE: 9/28/2020

PERMIT EXPIRES ON: 1/27/2021

RESPONSIBLE PARTY: ROHR, INC, A COLLINS AEROSPACE COMPANY (RICK SIORDIA)

PERMIT CONDITIONS:

1. Due to the wells being constructed with a minimum 20-foot seal, the proposal to destroy wells DB-2, DB-4, and DB-5 by pressure grouting is approved. Ensure that sufficient sealing material is placed in the well casing, filter pack, and all other significant voids within the entire well boring. In the drilling report, provide the volume pre-calculations and the actual amount of sealing material used in each well.

2. Since the transducers are constructed with bentonite filled boreholes, your proposal to destroy transducers OW-1 and OW-2 by removing the traffic cover and filling it with concrete is approved.

3. All water and soil resulting from the activities covered by this permit must be managed, stored and disposed of as specified in the SAM Manual in Section 5, II, D-4. (**http://www.sdcounty.ca.gov/deh/lwq/sam/manual_guidelines.html**). In addition, drill cuttings must be properly handled and disposed in compliance with the Stormwater Best Management Practices of the local jurisdiction.

4. Within 60 days of completing work, please submit a well destruction report that includes a description of the well destruction method as well as the type and volume of materials used (in cubic feet) to the Monitoring Well Permit Desk. This report must include all items required by the SAM Manual, Section 5, Pages 5-7.

5. This office must be given 24-hour notice of any drilling activity on this site and advanced notification of drilling cancellation. Please contact the Well Permit Desk at (858) 505-6688.

NOTE: **This permit does not constitute approval of a work plan as defined in Section 2722 of Article 11 of C.C.R., Title 23. Work plans are required for all unauthorized release investigations in San Diego County.**

APPROVED BY: Jon Senaha DATE: 9/28/2020

Jon Senaha

PERMIT APPLICATION
GROUNDWATER
AND VADOSE MONITORING WELLS
AND EXPLORATORY OR TEST BORINGS

OFFICE USE ONLY
PERMIT LMWP# 004690
SAM CASE Y/N # RWQCB
DATE RECEIVED: 9/23/2020
FEE PAID: $862
CHECK # ONLINE

A. RESPONSIBLE PARTY Rohr, Inc., a Collins Aerospace Company E-mail nick.siordia@collins.com
(The person, persons, or company responsible for the construction, maintenance, and destruction of the proposed borings and/or wells.)
Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910
Contact Person Rick Siordia Phone 619.691.4279 Ext. —

B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE # T1000001487

C. CONSULTING FIRM Haley & Aldrich, Inc.
Mailing Address 5933 Mission Center Rd. Suite 300 City San Diego State CA Zip 92108
Registered Professional Robert K. Scott Phone 619.285.7141 Registration # 5934/734 (RCE, CEG, PG, CHg)
E-mail bscott@haleyaldrich.com
Contact Person Robert K. Scott Phone 619.285.7141 Ext. — Email bscott@haleyaldrich.com

D. DRILLING COMPANY Cascade Drilling C57# 1058336
Contact Name Jose Sagrero E-mail jsagrero@cascade-env.com
Mailing Address 1333 W 9th Street City Upland State CA Zip 91786
Phone 562.371.2114 Ext. 2414

E. CONSTRUCTION INFORMATION

TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED

	#
☐ Groundwater	—
☐ Vadose	—
☐ Boring	—
☐ Other	—

NUMBER OF WELLS TO BE DESTROYED

☒ Destruction 5*

* 2 Transducers

MATERIALS TO BE USED

CASING	SEAL/BORING BACKFILL
Not Applicable ____	☐ Neat Cement
Type ____	☐ Cement & Bentonite
Gauge ____	☐ Sand-Cement
Diameter ____	☐ Bentonite
Well Screen Size ____	☐ Other
Filter Pack ____	Borehole diameter ____

Drilling Method

☐ Auger ☐ Air Rotary
☐ Direct Push ☐ Sonic
☐ Other ____ ☐ Percussion

PROPOSED CONSTRUCTION
Estimated Groundwater Depth: NA ft.
Estimated Depth of Boring: ____ ft.
Concrete Seal: 0 to 3
Annular Seal: ____ to ____
Filter Pack: ____ to ____
Perforation: ____ to ____

NOTE: Attach a well construction diagram
NA: Not Applicable

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE Jose Sagrero DATE 9/21/2020

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk (858) 505-6688 with a complete well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

PG/RCE/CEG (CHg) SIGNATURE Robert K. Scott DATE 9/22/20

F. SITE INFORMATION - A Property Owner Consent agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties. Submit a separate sheet for additional parcels.

1. **ASSESSOR'S PARCEL NUMBER** 567-022-30-00
   Site Name Rohr, Inc. a Collins Aerospace Company
   Site Address 390 Bay Boulevard City Chula Vista Zip 91910
   PROPERTY OWNER Rohr, Inc., a Collins Aerospace Company
   Phone 619.691.4279 Ext. _____ Fax _____
   Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910
   NUMBER OF WELLS 5 **TYPE OF WELLS** 3-Monitoring, 2-Transducers

2. **ASSESSOR'S PARCEL NUMBER** _____
   Site Address _____ City _____ Zip _____
   PROPERTY OWNER _____
   Phone _____ Ext. _____ Fax _____
   Mailing Address _____ City _____ State _____ Zip _____
   NUMBER OF WELLS _____ **TYPE OF WELLS** _____

G. QUESTIONNAIRE: Please answer all applicable questions completely *and submit any required supportive documentation.*

1. What is the purpose of the well/boring investigation?

   ☐ a. Part of an ongoing site assessment case in which a government regulator is the lead agency. If yes, indicate which government regulator is the lead agency and the case number.
   - ☐ Department of Environmental Health _____
   - ☒ Regional Water Quality Control Board T10000001487
   - ☐ Department of Toxic Substances Control _____

   ☐ b. Part of a Phase I investigation for property ownership transfer.

   ☐ c. Geotechnical investigation for proposed construction or land stabilization.

   ☒ d. Other: Property divestiture

2. If wells are to be destroyed, provide a description of method of destruction The three monitoring wells will be destroyed by pressure grouting. The grout will consist of cement-bentonite and placed with a tremie from the bottom to the surface to displace any water. Pressure will be maintained at 40psi for 15 minutes. The procedure will be repeated as needed

3. Are you proposing a variation from current SAM Manual Requirements for the construction or destruction of borings, Vadose and/or Groundwater Monitoring Wells? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines (www.sdcdeh.org) Yes ☒ No ☐

   Yes. Due to the depth of the monitoring wells, pressure grouting is proposed to destroy the wells. The well upper 5 feet of each well will be removed by overdrilling. One well has a steel casing. It will be excavated and the casing cut at 5 feet. The transducers were permanently installed in bentonite-filled boreholes. The traffic covers will be removed and backfilled to destroy the transducers.

County of San Diego

ELISE ROTHSCHILD
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P O BOX 129261, SAN DIEGO, CA 92112-9261
Phone (858) 505-6688 or (800) 253-9933 Fax (858) 505-6789
www.sdcdeh.org

AMY HARBERT
ASSISTANT DIRECTOR

PROPERTY OWNER CONSENT

Proposed locations for subsurface work:

Property Address: 390 Bay Boulevard

Assessor's Parcel Number (APN): 567-022-30-00

I, Rick Siordia, owner of the property/properties listed above, give my permission to Hale & Aldrich, Inc. (consulting company, contractor) to conduct the following work at the locations stated above.

☐ Install _____ monitoring wells ☒ Destroy 3 monitoring wells (2 Transducers) ☐ Drill _____ soil borings

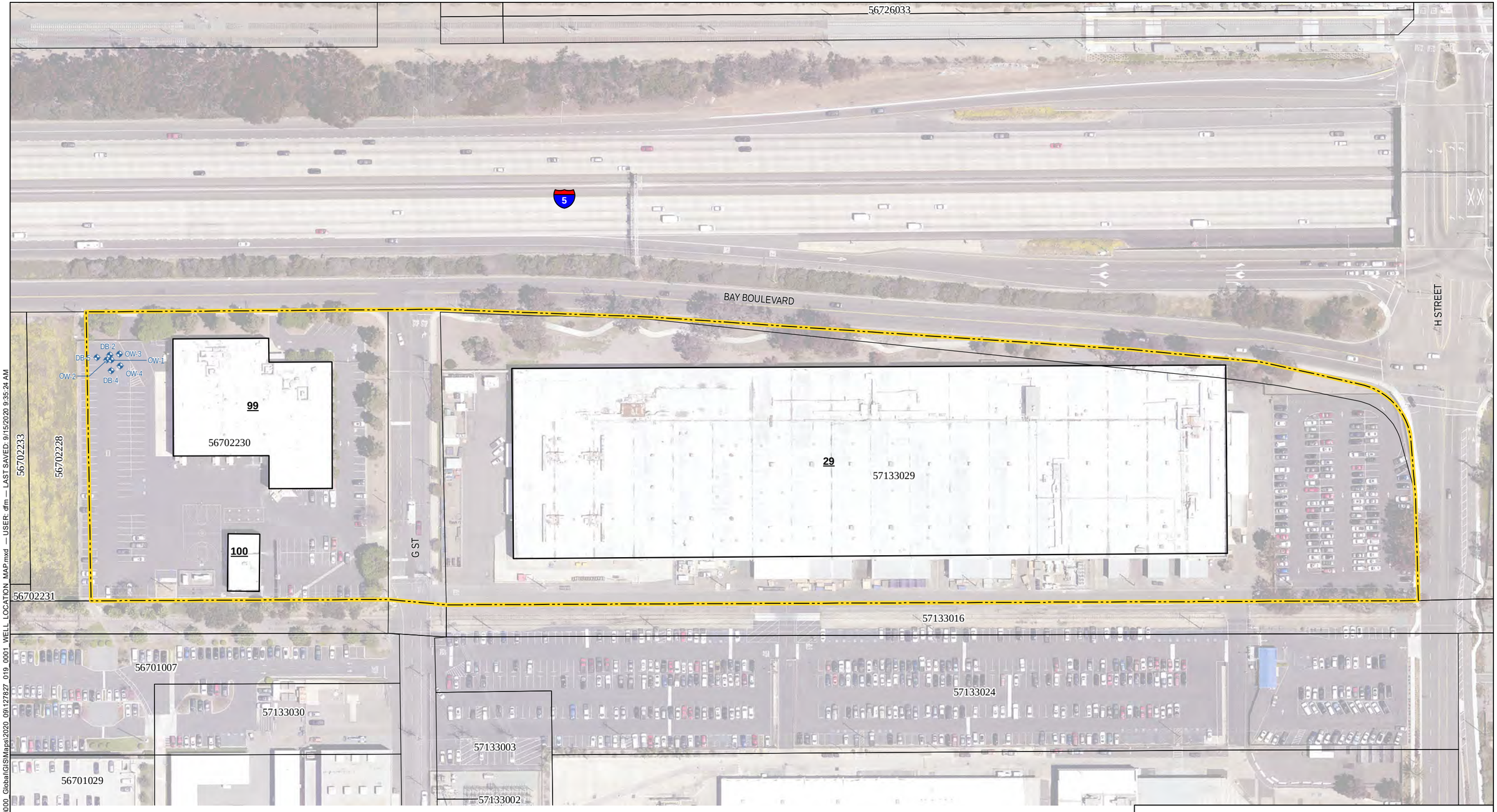
I understand that Robert K. Scott (registered professional) of Hale & Aldrich, Inc. (consulting company) and an authorized signer for _____ (drilling company) have submitted a signed application to the Department of Environmental Health in which they have agreed to complete the above-stated work according the requirements of the current SAM Manual, all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction. I have arranged with the Responsible Party, the person who causes to have monitoring wells/borings installed or existing wells destroyed on this property, to ensure proper closure of the monitoring wells/borings.

Property Owner Signature: _____ Date: 9/21/20

Print Name: Rick Siordia Title: _____

Company: Rohr, Inc., a Collins Aerospace Company

Mailing Address: 850 Lagoon Drive, Chula Vista, CA 91910



GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2020_09\127827_019_0001_WELL_LOCATION_MAP.mxd — USER: dfm — LAST SAVED: 9/15/2020 9:35:24 AM

LEGEND

- SITE BOUNDARY
- 56701029 PARCEL BOUNDARY AND ASSESSOR'S PARCEL NUMBER
- 29 BUILDING NUMBER
- APPROXIMATE MONITORING WELL LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS AREA APPROXIMATE.
2. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 120 240
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

EXISTING MONITORING WELL LOCATIONS MAP

SEPTEMBER 2020

URS Greiner Woodward Clyde
A Division of URS Corporation

1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108
Tel: 619.294.9400
Fax: 619.293.7920
Offices Worldwide

RECEIVED
MAR 3 11 07 AM '00
ENVIRONMENTAL HEALTH SERVICES

Log Review
5/16/00 wrq

February 16, 2000

Ms. Marisue Crystal
San Diego County
Department of Environmental Health
Land and Water Quality Division
P.O. Box 129261
San Diego, CA 92112-9261

Subject: Well Log Submittal
Permit No. W98272
BFGoodrich Aerostructures Facility
Chula Vista, California
URSGWC Project No. 589853067B.00-00400

Dear Ms. Crystal:

Three observation wells (DB-4 and OW-1 and -2) were installed north of Building 99 at the BFGoodrich Aerostructures (BFG) Facility in Chula Vista, California, during June and July 1999. The wells were installed for use during an aquifer test. Based on initial results, one additional pumping well (DB-5) and 2 additional observation wells (OW-3 and -4) were installed at the site. A check for the permit fee for three additional wells ($450) is included with this well log submittal. Drill cuttings from the six well borings were placed in roll-off bins and were properly disposed of by Pacific Treatment Environmental Services (PTES). Wash water generated during well installation was transferred to the onsite pretreatment facility by BFG personnel.

fee processed 3/7/00 msc

In accordance with the Site Assessment and Mitigation Manual (revised 1999), copies of a site plan showing the well locations, well logs and laboratory analytical report are provided. Lithologic logs were not generated for well borings OW-3 and OW-4 because they are in close proximity (within 20 feet) of well borings OW-1 and DB-4. However, well completion diagrams for wells OW-3 and OW-4 are provided in Figure 3. If you have any questions, please give us a call.

Very truly yours,

URS GREINER WOODWARD CLYDE

Robert K. Scott

Robert K. Scott, R.G. No. 5334
Senior Project Manager

REGISTERED GEOLOGIST
ROBERT K. SCOTT
No. 5334
STATE OF CALIFORNIA

RKS:lej

W:\98530678\0400-G-L.DOC\15-FEB-00\SDG

SEE FIGURE 2 FOR DETAIL OF WELLS INSTALLED FOR AQUIFER TESTING

BAY BOULEVARD

'G' STREET

'H' STREET

'I' STREET

'J' STREET

WALNUT AVENUE

MARINA PARKWAY

TO MARINA

SANDPIPER WAY

BAY

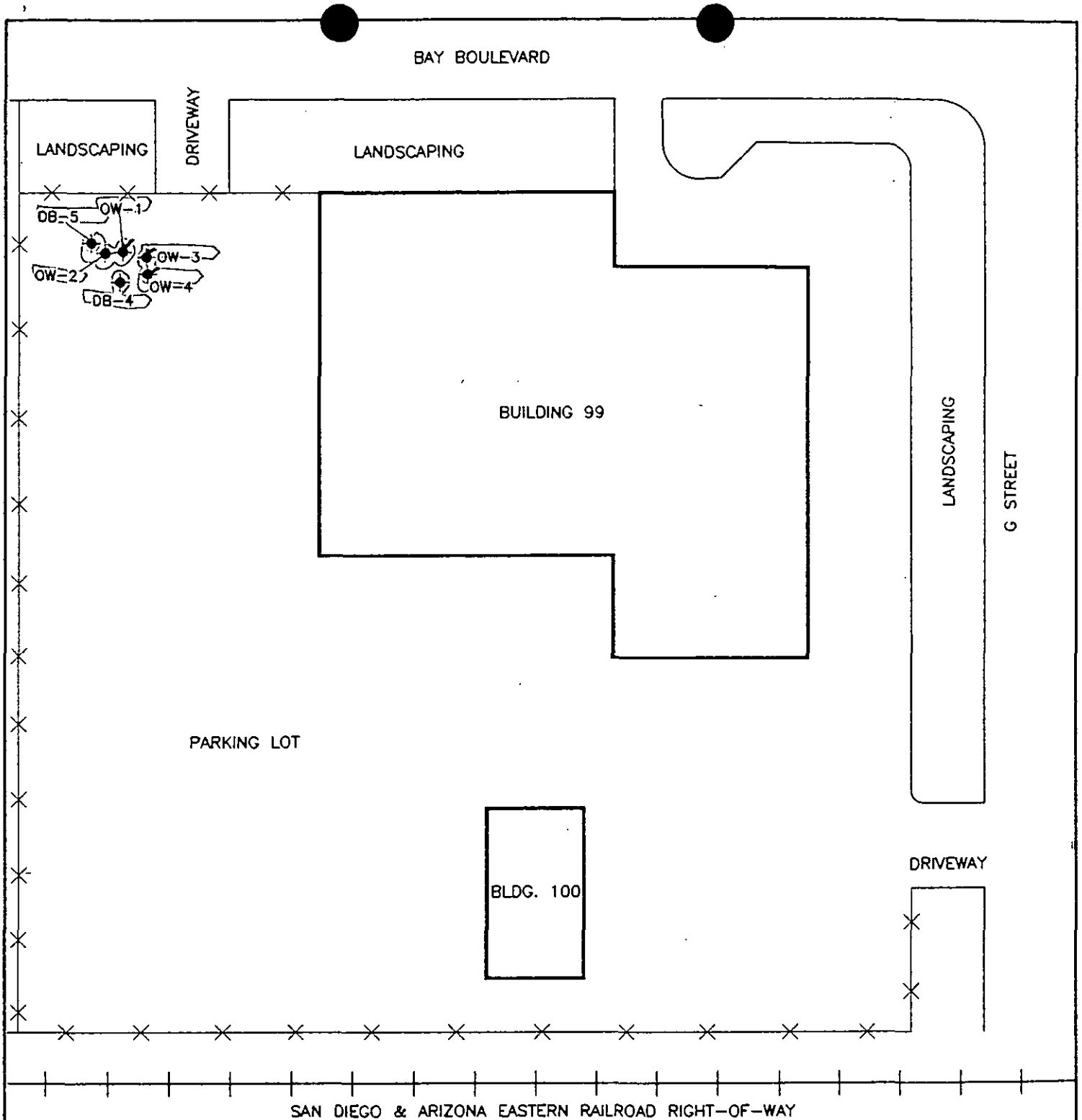
PARKING STRUCTURE

0 300 600

APPROXIMATE GRAPHIC SCALE (FEET)

SITE FACILITY		
BFGOODRICH – CHULA VISTA		
DRAWN BY: JA	CHECKED BY:	FIGURE NO: 1
FN: AQUSITE	DATE: 10-1-99	PROJECT NO: 58-98530678.00

URS Greiner Woodward Clyde



LEGEND

DB-4 APPROXIMATE LOCATION OF WELL

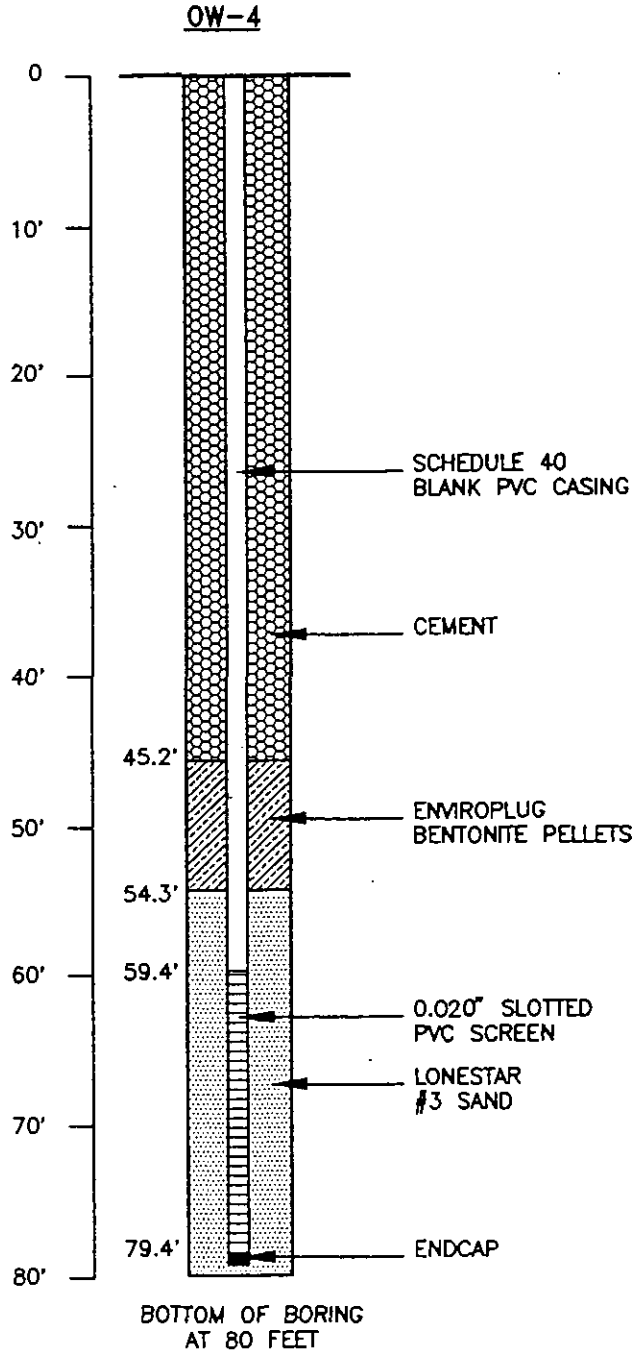
CHAIN-LINK FENCING

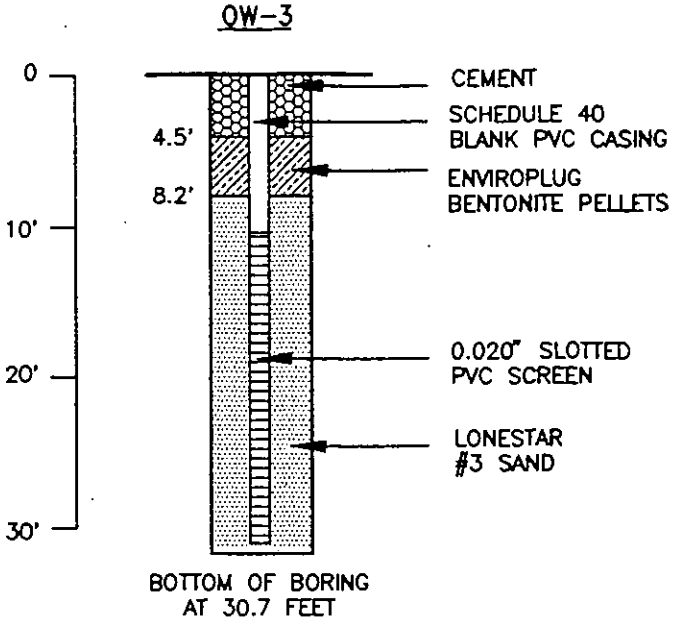
APPROXIMATE SCALE: 1"=60'

AQUIFER TESTING WELL LOCATION MAP
BFGOODRICH - CHULA VISTA

FN: AQUSITE	PM: RKS	CHECKED BY:	DATE: 10-1-99	PROJECT NO: 58-98530678.00	FIG. NO: 2

URS Greiner Woodward Clyde





OW-3 MATERIALS

7 BAGS LONESTAR #3 SAND
2 BAGS ENVIROPLUG PELLETS
20' PVC 0.020" SCREEN PIPE
10' SCHEDULE 40 BLANK CASING

OW-4 MATERIALS

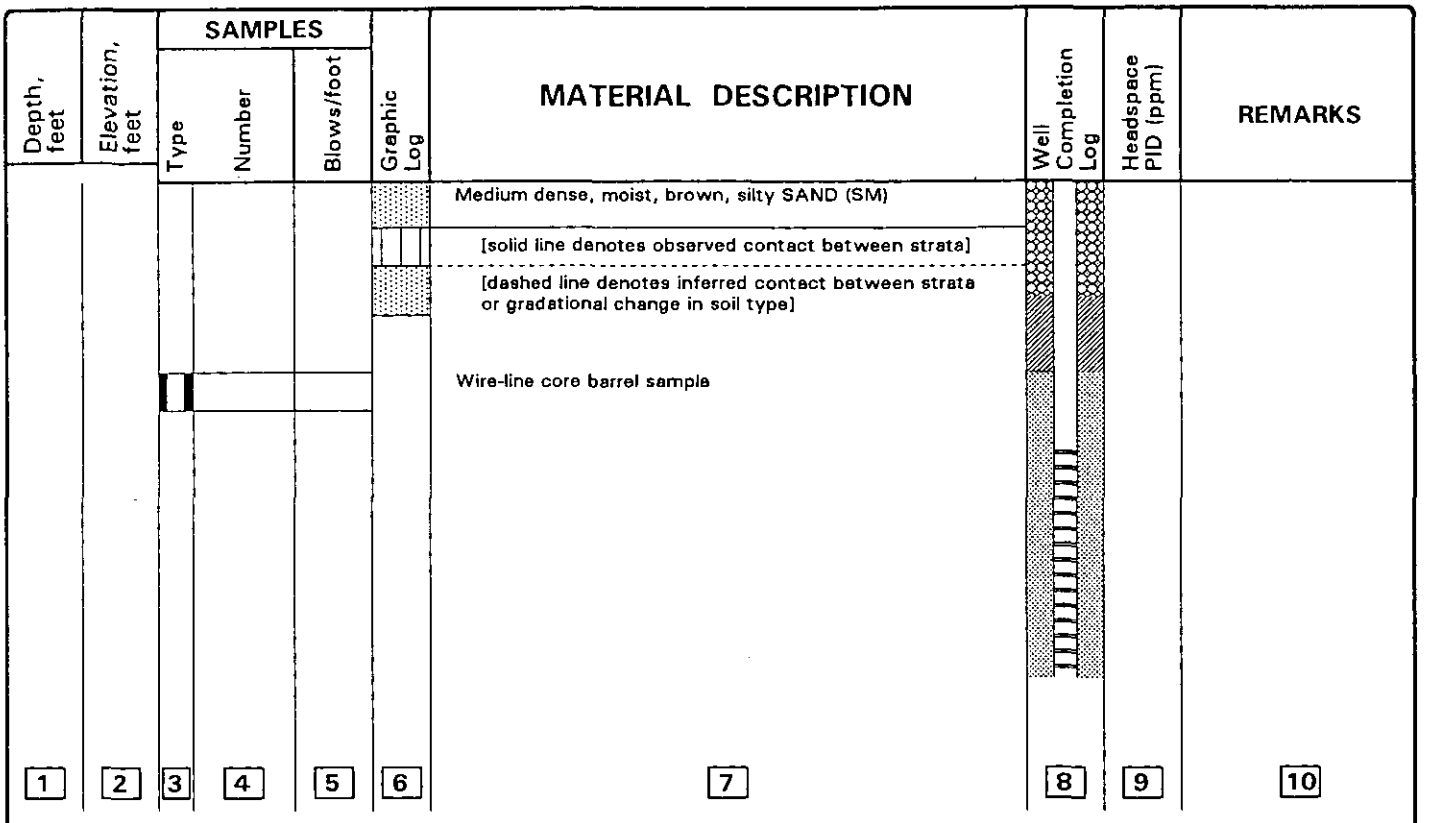
10 BAGS LONESTAR #3 SAND
4 BAGS ENVIROPLUG PELLETS
10 BAGS PORTLAND CEMENT II
1 BAG BENTONITE POWDER
20' PVC 0.020" SCREEN PIPE
60' SCHEDULE 40 BLANK CASING

WELL COMPLETION DIAGRAM
BFGOODRICH
CHULA VISTA, CALIFORNIA

FN: WELL	PM: RKS	CHECKED BY:	DATE: 1-25-00	PROJECT NO: 58-9853067B.00-00400	FIG. NO: 3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Key to Log



COLUMN DESCRIPTIONS

1	**Depth:**	Distance (in feet) below the ground surface.
2	**Elevation:**	Approximate elevation (in feet) referenced from the ground surface.*
3	**Sample Type:**	Type of soil sample collected at depth interval depicted; symbols explained above.
4	**Sample Number:**	Sample identification number.
5	**Sample Blows/foot:**	Number of blows required to advance driven sampler 1 foot, or distance indicated, using a 140-lb hammer (or as otherwise indicated) with a 30-inch drop. "*" indicates blow count for initial 6-inch seating interval of sampling only.
6	**Graphic Log:**	Graphic depiction of subsurface material encountered; symbology explained on Sheet 2 of Key.
7	**Material Description:**	Description of subsurface material encountered, including USCS soil designation.
8	**Well Completion Log:**	Graphic depiction of well construction; symbology explained on Sheet 2 of Key.
9	**Headspace:**	Photoionization detector (PID) field headspace reading (in parts per million). ND indicates that no organic vapors were detected.
10	**Remarks:**	Comments or observations regarding drilling/sampling made by driller or URSGWC's field personnel

GENERAL NOTES

1. Soil classifications are based on the Unified Soil Classification System (USCS) or recorded and include consistency/relative density (where standard blow count correlation is possible), moisture, and color.
2. Descriptions on these boring logs apply only to the specific boring locations at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or for other times.

NR - No Recovery
*Based on available topographic plan

Figure A-1

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Key to Log

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS

UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL AND ROCK TYPE NAME VERSUS CORRESPONDING GRAPHIC LOG

Sand

Clay

Silt

Silt/Sand

Silt/Clay

SYMBOLS USED IN WELL COMPLETION LOG

Casing in concrete

Casing in cement/bentonite grout

Casing in bentonite chips or pellets

Casing in bentonite/sand

Casing in Lonestar sand

Slotted casing in filter pack

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 1 of 15

Date(s) Drilled	6/16/99 through 6/22/99			Logged By	A. Greene	Checked By	R. Scott
Drilling Method	Mud Rotary			Drill Bit Size/Type	6.25"/12.25" tricone	Approx. Surface Elevation (feet, MSL)	22.0
Drill Rig Type	T-3 Ingersol-Rand			Drilled By	Beylik Drilling	Total Depth Drilled (feet)	555.0
Depth to Groundwater (feet, bgs)	First 14	Completion	Sampling	Number of Samples	Disturbed: --	Undisturbed: --	Sampler Type: Wire-line core barrel
Diameter of Hole (inches)	12.25	Diameter of Well (inches)	4	Type of Well Casing	Schedule 80 PVC	Screen Perforation	0.020"
Type of Filter Pack	Lonestar #3			Type of Seal(s)	Bentonite chips and cement/bentonite grout		
Boring Location	North of Building 99						

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					BAY POINT FORMATION 2" asphalt parking lot over 3" base material over medium dense, moist, reddish brown, silty fine SAND (SM)			
5	15					Becomes less dense			
10	10					Becomes moist to wet, medium brown, fine to medium SAND with silt (SM), micaceous			
15	5					Becomes wet			
20	0					Interbedded clay layers			
25	-5								
30									

Figure

2/16/00 1WL1C BFGOO

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
30	-10					Becomes wet, grayish brown, fine to medium SAND (SP)			
35	-15					Becomes finer grained			
40	-20					Dense, wet, grayish brown, silty to clayey fine SAND (SM/SC)			
45	-25								
50	-30					Slight increase in grain size, fine to medium sand			
55	-35								
60	-40								
65	-45					Becomes poorly graded fine to medium SAND with little silt (SP)			
70									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 3 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
70	-50					Increasing reddish brown SILT (SM)			
75	-55								
80	-60					Dense, wet, medium brown, silty fine SAND (SM)			
85	-65								
90	-70					Becomes grayish brown, fine to very fine sand with silt			
95	-75								
100	-80								
105	-85								
110									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 4 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
110	-90								
115	-95					Becomes dark gray to olive, fine to very fine sand *with silt*			
120	-100								
125	-105								
130	-110								
135	-115								
140	-120					Becomes olive gray, fine to medium SAND with little silt (SP/SM) and coarse sand			
145	-125								
150						Becomes clayey fine SAND (SC) with shell fragments			

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

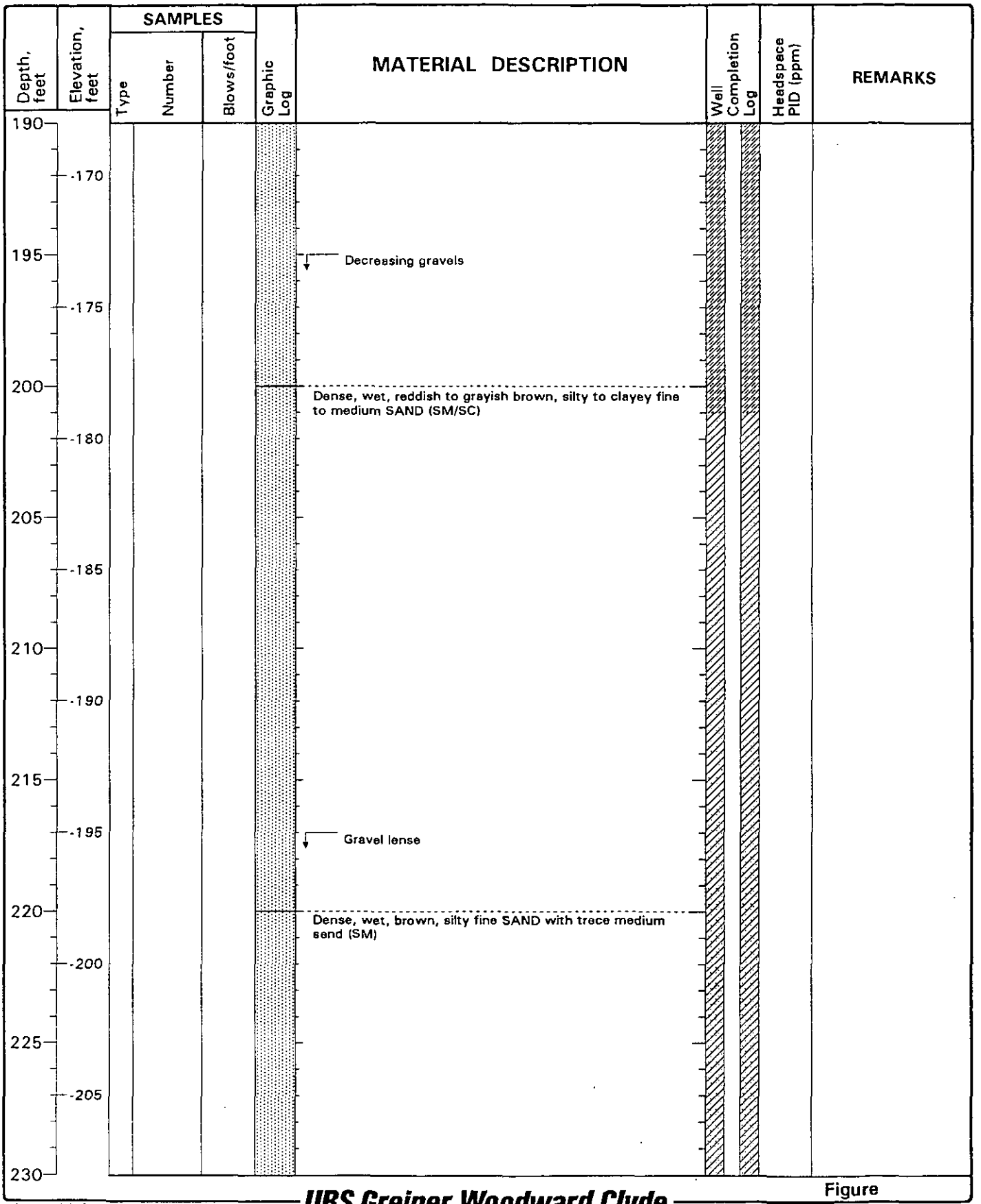
Sheet 5 of 15

Depth, feet	Elevation, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
150	-130								
155	-135								
160	-140					Dense, wet, dark olive gray, silty to clayey fine SAND with trace medium sand (SM/SC)			
165	-145								
170	-150					Increasing SILT with little fine sand (ML)			
175	-155								
180	-160					Wet, grayish brown to gray, fine to coarse SAND with subrounded gravels (SP/GP) 3/4" gravels			
185	-165								
190									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 6 of 15



URS Greiner Woodward Clyde

Figure

2/16/00 1WL1C BFGOO

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
230	-210								
235	-215								
240	-220					Dense, wet, reddish brown to brown, fine to medium SAND with silt (SM)			
245	-225								
250	-230								
255	-235								
260	-240								
265	-245								
270									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 8 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
270	-250								
275	-255								
280	-260					Dense, wet, grayish brown, silty to clayey fine SAND (SM/SC)			
285	-265								
290	-270					Light brown, poorly graded fine to medium SAND with little silt (SP)			
295	-275								
300	-280					Increasing gravels			
305	-285								
310									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 9 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
310			NR						
	-290		NR						
315			Run 1			Dense, wet, olive gray to reddish brown, very fine sandy SILT to silty fine SAND (SM/ML)			Box #1, 315'-324'
	-295		Run 2						
						← Becomes dark gray, fine to medium sand with little silt and coarse sand			
320			Run 3			← Reddish brown, fine sendy silt			
						Dense, moist olive gray, silty fine SAND with little clay and medium sand (SM)			
	-300					← Becomes reddish brown, leen CLAY with trace fine sand (CL)			
			NR						
			Run 4			Dense, wet, grayish brown, poorly graded fine to medium SAND with little silt (SP)			
325						Dense, wet, dark brown, silty fine SAND with few thin medium sand lenses (SM), micaceous			Box #2, 324'-333'
			Run 5			Coarse SAND lense (SP)			
	-305					*Dense, wet, reddish to olive brown, fine sandy SILT to* silty fine SAND (SM/ML)			
			Run 6			← Olive brown SILT (ML)			
330									
			Run 7						
	-310					← Sand nodule concretion			
			Run 8						Box #3, 333'-345.5'
						← Becomes dark brown, clayey fine SAND (SC) to fine sandy CLAY (CL), trace medium sand			
335			Run 9						
	-315					← Becomes brownish derk gray, clayey fine SAND with interbedded fine to medium sand lenses (SC)			
						← Becomes dark grey, fine to medium SAND with silt (SP/SM)			
			NR						
340			Run 10			Dense, wet, brownish gray, fine to medium SAND with cley (SC)			
			NR						
	-320								
			NR			Dense, wet, dark brown, silty fine SAND (SM)			
			Run 11						
345			Run 12			← Becomes dark brown to dark brownish gray			Box #4, 345.5'-357.5'
	-325								
			NR			Dense, wet, dark yellowish brown, very fine sandy CLAY (CL)			
350									

Project: BFGoodrich
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Log of Boring DB-4

Sheet 10 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
350			NR						
	-330		Run 13			Becomes dark yellowish brown, silty fine SAND to fine sandy SILT (SM/ML)			
			NR						
			Run 14			Medium coarse sand lense Dark grayish brown, fine SAND with silt and medium sand (SM)			
355			Run 15			Becomes fine sandy silt Grayish brown very fine sandy silt			
	-335					Very stiff, wet, grayish green, very fine sandy SILT to CLAY (ML/CL)			
			Run 16						Box #5, 357.7'-373.5'
360			Run 17			Very stiff to hard, wet, greenish brown, very fine sandy SILT (ML), iron stain			
	-340		NR			Concretion			
			NR						
			Run 18						
365			NR			Very dense, wet, brown, fine to coarse SAND with silt and few gravels (SP/SM), gravel 3/4"			
	-345		NR						
370									
	-350		Run 21			Very dense, wet, medium to dark brown, silty very fine to fine SAND (SM)			
			Run 22			Becomes brownish gray			Box #6, 373.5'-383'
375			Run 23			Reddish brown, fine sandy SILT lense (ML) Interbedded fine to medium SAND with silt and trece coarse sand (SM)			
	-355					Reddish brown, fine sandy SILT lense (ML) Coarsens to fine to medium sand with little silt			
380			NR						
			Run 24			Dense, wet, medium brown, silty fine SAND (SM)			
	-360					Dense, wet, brownish gray, fine SAND with silt (SP/SM), micaceous			
			NR			Concretion			Box #7, 383'-395'
385			NR			Dense, wet, grayish brown, fine to coarse SAND with silt and few gravels (SM)			
	-365		Run 25			Hard to very dense, wet, olive green to grayish green, very fine sandy SILT to CLAY (ML/CL)			
			Run 26			Becomes more sandy (SC), concretion Concretion			
390									

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Figure

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Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 11 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
390			Run 27						
	-370		Run 28			Dense, wet, olive brown, silty very fine SAND (SM), micaceous			
395			Run 29						Box #8, 395'-405.5'
	-375					Hard, wet, reddish brown, very fine sandy SILT to CLAY (ML/CL)			
			NR			Dense, wet, dark brown, silty fine SAND (SM), micaceous			
400			Run 30			Reddish brown, sandy SILT (ML) to CLAY (CL)			
	-380					Reddish brown, sandy SILT to CLAY (ML/CL) to olive brown to dark brown, silty very fine SAND (SM) to very fine sandy SILT (ML)			
			Run 31			Becomes more dark brown and SILT (ML)			
405			Run 32			Becomes dense, olive brown, silty very fine SAND (SM), micaceous			Box #9, 405.5'-414.25'
	-385					Concration			
			Run 33						
410			Run 34			Hard, wet, reddish brown, fine sandy CLAY with medium coarse (CL) to clayey medium to fine SAND (SC)			
	-390					Becomes more clayey (CL/SC)			
			Run 35			Becoming coarser sand (SC)			
415			NR			Dense, wet, brownish gray, poorly graded fine to coarse SAND with silt (SP)			Box #10, 414.25'-428'
	-395		Run 36			Pale brownish gray, fine to medium SAND with clay (SC)			
			NR			Poorly graded fine to coarse SAND (SP)			
			Run 37			Brownish grey, clayey fine to medium SAND (SC)			
420			NR			Dense, wet, brownish gray, fine to coarse SAND with clay and trace gravels (SC/SP)			
	-400		Run 38			Hard, wet, olive brown, very fine sandy SILT (ML)			
						Grayish green			
			Run 39			Concretion			
						Becomes greenish brown, silty very fine SAND (SM)			
425			Run 40			Cobble			
			NR						
	-405					Dark olive gray, silty fine sand with gravels			
			Run 41			2.5" grevel			
			NR			1" gravel			Box #11, 428'-442.25'
430									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-98530678.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
430			Run 42			Dense, wet, olive gray, poorly graded fine SAND with little silt (SP), contains trace gravels			
	-410		NR						
435			Run 43			← 2.5" gravel			
			NR						
			Run 44			← Iron staining			
	-415					← Increasing silt			
			Run 45			Dense, wet brown to pale green, clayey fine SAND (SC)			
			NR						
440			Run 46			Dense, wet, light brown, poorly graded fine SAND (SP), coarsens with medium to fine sand			
	-420					Dense to hard, wet, medium brown, fine sandy CLAY to silty fine SAND (interbedded) (SM/CL)			
			Run 47			Brown, lean CLAY (CL)			Box #12, 442.25'-463.5'
			NR			Dense, wet, dark greenish gray, fine SAND with trace clay (SC)			
445			NR			Becomes more sandy (SP)			
	-425		Run 48						
			NR			← Cuttings are light brownish to greenish gray, poorly graded fine SAND with medium sand (SP)			
			Run 49						
450			NR						
	-430		Run 50						
			NR						
			Run 51						
455			Run 87						
			NR			Very dense, moist, light brownish to greenish gray, silty fine SAND (SM)			
	-435		Run 52			← Sandstone concretion 2"x2"			
			Core 53			← Iron staining			
						Very dense, moist, reddish brown to olive brown, clayey fine to medium SAND with trace coarse sand (SC)			
460			Core 54			Dense, moist, medium brown, silty fine SAND (SM), micaceous			
						Becomes brownish gray, fine sandy SILT (ML)			
	-440		NR			Becomes reddish brown, SILT to CLAY (ML/CL)			
			Run 55			Reddish brown, fine sandy silt to clay			
						Silty fine SAND with trace medium sand (SM)			Box #13, 463.5'-482.5'
465			NR			Silty fine SAND with trece medium sand (SM), coarsens with depth			
			Run 56			Reddish brown, fine sandy SILT to fine sandy CLAY (ML/CL)			
	-445								
			Run 57			Dense, moist, reddish brown, silty fine to medium SAND (SM), with trace coarse grains			
470									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
470			Run 58			Dense, wet, grayish brown, poorly graded fine to coarse SAND with gravels and trace silt (SP), angular gravels			
	-450		NR						
			NR						
475			Run 59						
			NR						
	-455					← Gray, silty fine SAND lense (SM)			
			Run 60						
			NR			Very dense, moist, brownish gray, fine to coarse SAND with silt (SP/SM)			
480			Run 61						
			NR			Very dense, wet, light brown, poorly graded fine to coarse SAND with few gravels (SP)			
	-460		Run 62						
			Run 63						Box #14, 482.5'-505.5'
			NR						
485			NR						
			Run 64						
	-465					Becomes greenish gray, silty to clayey fine SAND lense (SM/SC)			
			NR			Poorly graded fine SAND lense (SP)			
			Run 65						
			Run 66			Hard, wet, dark greenish gray, very fine sandy SILT (ML), iron staining			
490			NR						
						Very dense, wet, medium brown, silty to clayey fine to coarse SAND (SM/SC)			
	-470								
			NR						
			Run 67						
495			NR						
			Run 68						
	-475								
			NR						
						Hard, wet, dark to medium brown, fine sandy CLAY (CL)			
500			Run 69						
			NR			← 2"x1.5" gravel clast			
	-480		Run 70			Hard to very dense, wet, medium to reddish brown, clayey fine to medium SAND to sandy CLAY (CL/SC)			
			NR						
			Run 71						
505			Run 72			Becomes grayish brown (mottled)			
						Coarsens to clayey fine to medium SAND (SC) (concretion)			Box #15, 505.5'-526'
	-485		NR			Reddish brown to very fine sandy SILT (ML)			
			Run 73			Coarsens			
			NR			Becomes brown, fine to coarse SAND with little clay (SP/SC)			
510									

Project: BFGoodrich
Project Location: Chula Vista, CA
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Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	Number	Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
510			Run 74			Reddish brown, very fine sandy CLAY (CL)			
			NR			Becomes brown, poorly graded fine sand with little silt			
	-490					Concretions			
			Run 75			Dark brown, silty to clayey fine SAND (SM/SC), interbedded			
			NR			Becomes fine sendy with trace silt			
515			Run 76			Hard, wet, reddish brown, very fine sandy SILT (ML)			
			NR			Becomes interbedded, reddish to grayish brown, silty to clayey fine SAND (SM/SC)			
	-495		Run 77			Hard, wet, brown to dark brown fine sandy CLAY (CL)			
			NR						
520			Run 78			Very dense, wet, brownish to greenish gray, fine SAND with little silt (SP/SM)			
			NR						
	-500								
			NR						
			Run 79			Dark brown, fine sandy CLAY (CL)			
525			NR						
			Run 80			Hard, wet, grayish brown, fine sandy SILT (ML), micaceous			Box #16, 526'-538'
	-505					Becomes finer, medium brown, very fine sandy CLAY (CL), micaceous			
			Run 81			Becomes reddish brown to grey brown			
						Strong reddish brown, fine sandy CLAY to clayey fine SAND with medium sand (SC/CL) (very dense)			
530			NR						
			Run 82			Mottled coloring			
	-510					Hard, wet, brownish gray to olive brown, fine sandy SILT to CLAY (ML/CL)			
			Run 83			Grades to clayey fine to medium SAND (SC)			
			NR						
535			NR						
			Run 84			Hard, wet, brown, very fine sandy SILT to CLAY (ML/CL)			
	-515					Brown, clayey fine SAND lense (SC)			
			Run 85						Box #17, 538'-555'
			NR			Cemented sandstone concretion			
540			NR			Dense, wet, grayish brown, fine to coarse SAND with little clay(SP/SC)			
			Run 86			Hard, wet, grayish to reddish brown, very fine sandy CLAY (CL)			
	-520								
			NR			Brown, silty fine SAND (SM)			
						Becomes grayish brown, poorly graded fine SAND with trace silt (SP)			
545			Run 87						
			NR			Reddish brown, silty fine SAND (SP)			
			Run 88			Reddish brown, very fine sandy CLAY (CL)			
	-525					Hard, wet, grayish brown, very fine sandy SILT (ML), mottled coloring			
			Run 89			Concretion (cemented sandstone)			
			NR						
550									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
550			Run 90			Reddish brown, very fine sandy CLAY (CL)			
						Grayish brown, silty very fine SAND (SM)			
	-530		NR			Concretion (cemented sandstone)			
			Run 91			Hard, wet, olive gray, very fine sandy SILT (ML)			
						Grayish brown, silty fine SAND (SM)			
555			NR						
						Bottom of boring at 555 feet			
	-535								
560									
	-540								
565									
	-545								
570									
	-550								
575									
	-555								
580									
	-560								
585									
	-565								
590									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 1 of 6

Date(s) Drilled: 7/6/99 through 7/7/99	Logged By: A. Greene	Checked By: R. Scott	
Drilling Method: Mud Rotary	Drill Bit Size/Type: 6.25"/14.75" tricone	Approx. Surface Elevation (feet, MSL): 22.0	
Drill Rig Type: T-3 Ingersol-Rand	Drilled By: Beylik Drilling	Total Depth Drilled (feet): 202.5	
Depth to Groundwater (feet, bgs): First 14 / Completion / Sampling	Number of Samples: Disturbed: -- / Undisturbed: --	Sampler Type: Wire-line core barrel	
Diameter of Hole (inches): 14.75	Diameter of Well (inches): 6	Type of Well Casing: Steel with wire wrap screen	Screen Perforation: 0.075"
Type of Filter Pack: Lonestar Crs. Aquarium	Type of Seal(s): Bentonite chips and cement/bentonite grout		
Boring Location: North of Building 99			

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	22					BAY POINT FORMATION 2" asphalt parking lot over 3" base material over medium dense, moist, reddish brown, silty fine SAND (SM)			Lithologic descriptions taken from boring log for BD-4 from ground surface to 171.5'
20						Becomes less dense			
5	17					Becomes moist to wet, medium brown, fine to medium SAND with silt (SM), micaceous			
10	12					Becomes wet			
15	7					Interbedded clay layers			
20	2								
25	-3								
30									

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Figure

2/16/00 1WL1C BFGOO

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 2 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
30	-10					Becomes wet, grayish brown, fine to medium SAND (SP)			
35	-15					Becomes finer grained			
40	-20					Dense, wet, grayish brown, silty to clayey fine SAND (SM/SC)			
45	-25								
50	-30					Slight increase in grain size, fine to medium sand			
55	-35								
60	-40								
65	-45					Becomes poorly graded fine to medium SAND with little silt (SP)			
70									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-98530678.00-00400

Log of Boring DB-5

Sheet 3 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
70	-50					Increasing reddish brown SILT (SM)			
75	-55								
80	-60					Dense, wet, medium brown, silty fine SAND (SM)			
85	-65								
30	-70					Becomes grayish brown, fine to very fine sand with silt			
95	-75								
100	-80								
105	-85								
110									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 4 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
110	-90								
115	-95					Becomes dark gray to olive, fine to very fine sand with silt			
120	-100								
125	-105								
130	-110								
135	-115								
140	-120					Becomes olive gray, fine to medium SAND with little silt (SP/SM) and coarse sand			
145	-125								
150						Becomes clayey fine SAND (SC) with shell fragments			

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 5 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
150	-130								
155	-135								
160	-140					Dense, wet, dark olive gray, silty to clayey fine SAND with trace medium sand (SM/SC)			
165	-145								
170	-150		Run 1			Dense to very hard, wet, dark gray, silty very fine SAND with interbedded very fine, sandy silt layers (SM/ML)			
175	-155		Run 2			Becomes more sandy with trace gravels (SM/SP)			
			Run 3						
			Run 4			Dark gray to brown, silty to clayey fine SAND (SC/SM)			
180			Run 5			Dense, wet, yellowish brown, silty fine SAND with coarse sand and grevel (SM)			Bag sample #1, 180'-190'
	-160		Run 6			Very dense, wet, light brown, poorly graded fine to coarse SAND with gravels and cobbles (SP/GP), angular to rounded rock fragments			
			Run 7						
185			Run 8						
	-165		Run 9						
190			Run 10						

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Figure

2/16/00 1WL1C BFGOO

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 6 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
190									Bag sample #2, 190'-195'
	-170		Run 11						
			Run 12						
195									
	-175		Run 13						
			Run 14						
200			Run 15			Increasing silty fine sand			
	-180		Run 16			Dense, wet, yellowish brown, silty fine SAND with trace gravels (SM)			
						Bottom of boring at 202.5 feet			
205									
	-185								
210									
	-190								
215									
	-195								
220									
	-200								
225									
	-205								
230									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-1

Sheet 1 of 4

Date(s) Drilled	7/1/99 to 7/2/99	Logged By	A. Greene	Checked By	R. Scott
Drilling Method	Mud Rotary	Drill Bit Size/Type	8" tricone	Approx. Surface Elevation (feet, MSL)	22.0
Drill Rig Type	T-3 Ingersol-Rand	Drilled By	Beylik Drilling	Total Depth Drilled (feet)	150.0
Depth to Groundwater (feet, bgs)	First 14 / Completion / Sampling	Number of Samples	Disturbed: -- / Undisturbed: --	Sampler Type	NA
Diameter of Hole (inches)	8	Diameter of Well (inches)	2	Type of Well Casing	Schedule 40 PVC	Screen Perforation	0.020"
Type of Filter Pack	Lonestar #8	Type of Seal(s)	Bentonite pellets and cement/bentonite grout		
Boring Location	North of Building 99				

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					COLLUVIUM Asphalt concrete over Class II base over dense, moist, reddish brown, silty fine to medium SAND (SM), contains few gravels			Lithologic descriptions taken from boring log for OW-2
5	15					BAY POINT FORMATION Dense, moist, reddish to medium brown, silty to clayey fine SAND with medium sand and few gravels (SM/SC)			
10	10					▽ Becomes wet			
15	5					Becomes more sandy (SM/SP)			
20	0								
25	-5								
30									

Figure

2/16/00 1WL1C BFGOO

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-1

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
30	-10								
35	-15					Hard, wet, grayish to olive brown, fine sandy CLAY (CL) with few interbedded coarse sand layers			
40	-20								
45	-25								
50	-30					Dense, wet, grayish to medium brown, poorly graded fine to medium SAND (SP) with few interbedded coarse and lenses			
55	-35								
60	-40								
65	-45								
70									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-1

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
70	-50					Dense, wet, reddish brown, silty fine SAND with little clay (SM/SC)			
75	-55					Becomes more sandy			
80	-60					Dense, wet, brownish gray, poorly graded fine to medium SAND with few coarse sands (SP)			
85	-65								
90	-70								
95	-75								
100	-80								
105	-85								
110									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-1

Sheet 4 of 4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
110	-90					Becomes finer grained			
115	-95								
120	-100					Very dense to hard, wet, dark brownish gray, fine fine SAND (SM) with interbedded CLAY layers (CL)			
125	-105								
130	-110								
135	-115					Dense, wet, light grayish brown, poorly graded fine to coarse SAND (SP) few gravels			
140	-120								
145	-125					Very dense to hard, wet, brownish dark gray to olive gray, silty to clayey fine SAND (SM)			
150						Bottom of boring at 150 feet			

Figure

URS Greiner Woodward Clyde

2/16/00 1WL1C BFGOO

Project: BFGoodrich Project Location: Chula Vista, CA Project Number: 58-9853067B.00-00400	Log of Boring OW-2 Sheet 1 of 5

Date(s) Drilled	6/30/99 to 7/1/99		Logged By	A. Greene		Checked By	R. Scott
Drilling Method	Mud Rotary		Drill Bit Size/Type	8" trioone		Approx. Surface Elevation (feet, MSL)	22.0
Drill Rig Type	T-3 Ingersol-Rand		Drilled By	Beylik Drilling		Total Depth Drilled (feet)	168.5
Depth to Groundwater (feet, bgs)	First 14	Completion / Sampling	Number of Samples	Disturbed: --	Undisturbed: --	Sampler Type	NA
Diameter of Hole (inches)	8	Diameter of Well (inches) 2	Type of Well Casing	Schedule 40 PVC		Screen Perforation	0.020"
Type of Filter Pack	Lonestar #8		Type of Seal(s)	Bentonite chipe and cement/bentonite grout			
Boring Location	North of Building 99						

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					COLLUVIUM Asphalt concrete over Class II base over dense, moist, reddish brown, silty fine to medium SAND (SM), contains few gravels			
5	15					BAY POINT FORMATION Dense, moist, reddish to medium brown, silty to clayey fine SAND with medium sand and few gravels (SM/SC)			
10	10								
15	5					▽ Becomes wet Becomes more sandy (SM/SP)			
20	0								
25	-5								
30									

Figure

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
30	-10								
35	-15					Hard, wet, grayish to olive brown, fine sandy CLAY (CL) with few interbedded coarse sand layers			
40	-20								
45	-25								
50	-30					Dense, wet, grayish to medium brown, poorly graded fine to medium SAND (SP) with few interbedded coarse and lenses			
55	-35								
60	-40								
65	-45								
70									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Sheet 3 of 5

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
70	-50					Dense, wet, reddish brown, silty fine SAND with little clay (SM/SC)			
75	-55					Becomes more sandy			
80	-60					Dense, wet, brownish gray, poorly graded fine to medium SAND with few coarse sands (SP)			
85	-65								
90	-70								
95	-75								
100	-80								
105	-85								
110									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
110	-90								
115	-95					Becomes finer grained			
120	-100					Very dense to hard, wet, dark brownish gray, fine fine SAND (SM) with interbedded CLAY layers (CL)			
125	-105								
130	-110								
135	-115					Dense, wet, light grayish brown, poorly graded fine to coarse SAND (SP) few gravels			
140	-120								
145	-125					Very dense to hard, wet, brownish dark gray to olive gray, silty to clayey fine SAND (SM)			
150									

Figure

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Sheet 5 of 5

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
150	-130					Interbeded CLAY lenses (CL)			
155	-135								
160	-140								
165	-145								
170	-150					Bottom of boring at 168.5 feet			
175	-155								
180	-160								
185	-165								
190									

Figure

2/16/00 1 WL1 C BFGOO

URS Greiner Woodward Clyde

Pacific Treatment
Analytical Services, Inc.

4340 Viewridge Avenue, Suite A • San Diego, CA 92123
(858) 560-7717 • Fax (858) 560-7763
Analytical Chemistry Laboratory

September 24, 1999

URS Greiner/Woodward-Clyde
Attn: Bob Scott
1615 Murray Canyon Road, Suite 1000
San Diego, California 92108

Project Name/No.: BFG-South Campus
Laboratory Log No.: 1815-99
Date Received: 09/20/99
Sample Matrix: One water sample
PO No.: 589853045B.01-FI001

Please find the following enclosures for the above referenced project identified:

1) Analytical Report
2) QA/QC Report
3) Chain of Custody Form

.....***Certificate of Analysis***.....

Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Date of extraction, date of analysis, detection limits and dilution factor are reported for each compound analyzed. All samples were analyzed within the method required holding time from sample collection.

Data for each analytical method was evaluated by assessing the following QA/QC functions, as applicable to the methodology:

- Quality Control Standard
- Surrogate Percent Recovery
- Laboratory Control Sample (LCS) percent recoveries for all analyses
- Matrix Spike Recovery/Matrix Spike Duplicate Recovery (MSR & MSDR) and/or
- Relative Percent Difference (RPD from MSR & MSDR)

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hardcopy data report has been authorized by the following signature.

Janis Columbo
Vice President/Laboratory Director

ANALYSIS RESULTS

CLIENT: URS GREINER/WOODWARD-CLYDE

PROJECT NAME/No.: BFG-SOUTH CAMPUS
PTAS LOG #: 1815-99-1
SAMPLE ID: DB-5

DATE SAMPLED: 09/20/99
DATE RECEIVED: 09/20/99
DATE DIGESTED: 09/20/99*
DATE ANALYZED: 09/20-22/99
MATRIX: WATER

ANALYTE	PREP./ANALYSIS METHODS	REPORTING LIMITS	DF	RESULTS	UNITS
ALKALINITY	SMEWW 2320 B	5	1	96	MG CaCO3/L
CONDUCTIVITY	SMEWW 2510 B	1	1	4,710	UMHOS/CM
MBAS	SMEWW 5540 C	1.0	1	ND	MG/L
TDS	SMEWW 2540 C	20	1	3,130	MG/L
pH	EPA 150.1	0.1	1	7.2	pH UNITS
CHLORIDE	SMEWW 4500 Cl C	0.05	1	1,450	MG/L
SULFATE	SMEWW 4500 SO4 E	10	1	181	MG/L
CALCIUM	EPA 3010/6010	20	10	254	MG/L
COPPER	EPA 3010/6010	0.05	1	ND	MG/L
IRON	EPA 3010/6010	0.1	1	ND	MG/L
MAGNESIUM	EPA 3010/6010	10	10	144	MG/L
MANGANESE	EPA 3010/6010	0.03	1	1.14	MG/L
SODIUM	EPA 3010/6010	5	1	466	MG/L
ZINC	EPA 3010/6010	0.05	1	8.61	MG/L
HARDNESS	SMEWW 2340 B	10	1	1,230	MG CaCO3/L
POTASSIUM	EPA 3010/6010	5	1	6	MG/L

DF = DILUTION FACTOR
ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* NOTE: APPLIES TO METALS ONLY.

Pacific Treatment Analytical Services, Inc. 4340 Viewridge Ave., Suite A • San Diego, CA 92123 (858) 560-7717 FAX (858) 560-7763

ANALYSIS RESULTS

CLIENT: URS GREINER/WOODWARD-CLYDE

PROJECT NAME/No.: BFG-SOUTH CAMPUS
PTAS LOG #: 1815-99-1 (DUPLICATE)
SAMPLE ID: DB-5 (DUPLICATE)

DATE SAMPLED: 09/20/99
DATE RECEIVED: 09/20/99
DATE DIGESTED: 09/20/99*
DATE ANALYZED: 09/20-22/99
MATRIX: WATER

ANALYTE	PREP./ANALYSIS METHODS	REPORTING LIMITS	DF	RESULTS	UNITS
ALKALINITY	SMEWW 2320 B	5	1	97	MG CaCO3/L
CONDUCTIVITY	SMEWW 2510 B	1	1	4,730	UMHOS/CM
TDS	SMEWW 2540 C	20	1	3,130	MG/L
pH	EPA 150.1	0.1	I	7.1	pH UNITS
CALCIUM	EPA 3010/6010	20	10	251	MG/L
COPPER	EPA 3010/6010	0.05	1	ND	MG/L
IRON	EPA 3010/6010	0.1	1	ND	MG/L
MAGNESIUM	EPA 3010/6010	10	10	145	MG/L
MANGANESE	EPA 3010/6010	0.03	1	1.14	MG/L
SODIUM	EPA 3010/6010	5	1	481	MG/L
ZINC	EPA 3010/6010	0.05	1	8.30	MG/L
HARDNESS	SMEWW 2340 B	10	1	1,230	MG CaCO3/L
POTASSIUM	EPA 3010/6010	5	1	6	MG/L

DF = DILUTION FACTOR
ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* NOTE: APPLIES TO METALS ONLY.

Pacific Treatment Analytical Services, Inc. 4340 Viewridge Ave., Suite A • San Diego, CA 92123 (858) 560-7717 FAX (858) 560-7763

QA/QC REPORT			
QA/QC SAMPLE:	ERA 9983		
DATE ANALYZED:	09/20/99		
SPIKED ANALYTE	**TV**	**DV**	**AR**
pH	9.02	8.87	8.82-9.22

QA/QC REPORT			
QA/QC SAMPLE:	ERA 9983		
DATE ANALYZED:	09/22/99		
SPIKED ANALYTE	**TV**	**DV**	**%R**
ALKALINITY	118	120	102
CONDUCTIVITY	758	736	97
TDS	583	540	93

QA/QC REPORT						
DATE ANALYZED:	09/21-22/99				**ACCEPTABLE LCS,MS/MSD CRITERIA**	**ACCEPTABLE RPD CRITERIA**
SPIKED ANALYTE	**LCS % R**	**MS % R**	**MSD % R**	**RPD**	**%**	**%**
MBAS	96	91	93	2	80-120	< 20
CHLORIDE	98	103	101	2	80-120	< 20
SULFATE	96	101	94	7	80-120	< 20
CALCIUM	89	*	*	*	75-125	< 20
COPPER	90	90	88	2	75-125	< 20
IRON	88	84	86	2	75-125	< 20
MAGNESIUM	87	*	*	*	75-125	< 20
MANGANESE	87	81	82	1	75-125	< 20
SODIUM	94	65**	76	16	75-125	< 20
ZINC	89	67**	64**	5	75-125	< 20
POTASSTIUM	85	75	86	14	75-125	< 20

TV = TRUE VALUE
DV = DETERMINED VALUE
AR = ACCEPTABLE RANGE
% R = PERCENT RECOVERY
LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY
MS % R = MATRIX SPIKE PERCENT RECOVERY
MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY
RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: NO RECOVERY REPORTABLE DUE TO NECESSARY DILUTION OF SAMPLE SPIKED. ALL OTHER QC DATA INDICATES METHOD IS IN CONTROL. LCSD % R FOR CALCIUM = 97%. LCSD % R FOR MAGNESIUM = 94%.

** NOTE: POOR RECOVERY ATTRIBUTABLE TO HIGH DISSOLVED SOLIDS CONTENT OF SAMPLE SPIKED. ALL OTHER QC DATA INDICATES METHOD IS IN CONTROL. LCSD % R FOR ZINC = 96%, LCSD % R FOR SODIUM = 96%.

Pacific Treatment Analytical Services, Inc. 4340 Viewridge Ave., Suite A • San Diego, CA 92123 (858) 560-7717 FAX (858) 560-7763

Pacific Treatment Analytical Services, Inc.

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Avenue, Suite A San Diego, CA 92123 Phone (619) 560-7717 Fax (619) 560-7763

48 hr TAT ~~3-DAY TAT~~

PTAS LOG #: 1815-99

PTAS DATE/TIME STAMP

Client: BF Goodrich — WLC

Address:

Attn: Robert Scott Phone: 294-9400

Sampled by: V. Witting Fax: 293-7920

Billing Address: URSG WC

1615 Murray Canyon Rd. Ste. 1000

Project: BFG-South Campus PO #:

PTAS ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*
1	OB-5	9/24/99	1145	H2O	1	Poly
2						
3	BF Goodrich					
4						
5						
6						
7						
8						
9	1015					
10						

REQUESTED ANALYSIS

PTAS ID #	418.1 (TRPH)	Oil & Grease 413.1 413.2	TPH (8015B) Gas Diesel	TPH-Extended (8015B)	602/8020 BTXE MTBE	601/8010 (Purgeable Halocarbons)	624/8260 (Volatile Organics)	625/8270 (Semi Volatile Organics)	TTLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals Organics	Cd Cr Cu Pb Ni Ag Zn	pH EC TSS	X General Minerals	X Potassium
1														X	X
2															
3															
4															
5															
6															
7															
8															
9															
10															

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No N/A Correct Containers: Yes No

Sample(s): Cold Ambient Warm VOAs w/ZHS: Yes No N/A

All Samples Properly Preserved: Yes No N/A

Disposal: N/C (aqueous) *PTAS (@$5.00/sample) Return Hold

Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal

Comments: Sample was filtered and preserved at PTAS.

	RELINQUISHED BY	DATE/TIME	RECEIVED BY
Signature		9.20.99 1220	
Print	VERYL WITTING		
Company:	URSGWC		PTAS
Signature		9/20/99	
Print			
Company:			
Signature			
Print			
Company:			

* PTAS reserves the right to return samples that do not match our waste profile. White - PTAS Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples)

APN 571 - 330 - 17
567 - 022 - 30

PERMIT #W 97850

EST. #H 37165

MONITORING WELL COMPLIANCE/DRILLING INSPECTION REPORT

SITE ADDRESS 850 Lagoon Dr. CITY Chula Vista ZIP 91910 T.B. /

PROPERTY OWNER BF Goodrich / Rohr

MAILING ADDRESS 850 Lagoon Dr. CITY Chula Vista STATE CA ZIP 91910

MW	V	B	D	AS
1				

TYPE OF INSPECTION: ☒ MONITORING WELL COMPLIANCE ☐ DRILLING

DATE: 05-17-00

MW = Monitoring Well
V = Vadose Well
B = Boring
D = Destruction
AS = Air Sparging

EXTERIOR	WELL LOCATION NUMBER	DB-2									
	COVER CONDITION	G									
	PERIMETER SEAL CONDITION	G									
	STRUCTURE DRAINAGE	G									
	SECURED	Y									
INTERIOR	TYPE OF SEAL	C									
	INNER VAULT INTEGRITY	G									
	CASING TYPE	8" pvc									
	LOCKED CAP	Y									
	SEALED CAP	Y									
	LIQUIDS PRESENT	2.5"									

G = Good P = Poor B = Bentonite Y = Yes M = Missing V = Visual Inspection Only
F = Fair C = Concrete S = Soil N = No U = Unable to Locate * = Other

CONSULTANT: Woodward-Clyde GEOLOGIST:

DRILLER: Tri-County Drilling LIC. #:

SOIL BORINGS PROPERLY CONTAINED AND LABELED ☐ YES ☐ NO

HEALTH/SAFETY: BOOTS HARD HATS TRAFFIC OTHER

REMARKS: (DB-2) Water/liquid present in inner vault.

Mailed

RECEIVED BY

Ext.2223
Warina Veronica Garm
DEPARTMENT OF ENVIRONMENTAL HEALTH/INSPECTOR

County of San Diego

GARY ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
LAND AND WATER QUALITY DIVISION

RICHARD HAAS
ASSISTANT DIRECTOR

OFFICIAL NOTICE

February 10, 2000

Woodward-Clyde
Attn: Robert k. Scott
1615 Murray Cyn. Rd, Ste 1000
San Diego, CA 92108

Dear Mr. k. Scott :

EXPIRED WELL PERMIT
Bfgoodrich Acrostructures Group, 850 Lagoon Dr, Chula Vista, CA, 91910
A.P.N. 571-330-17 + 567-022-30 PERMIT # W97850 EST. # H37165

As of February 10, 2000, the Department of Environmental Health (DEH), Site Assessment & Mitigation Program (SAM) has not received information regarding the above-referenced permit issued on 10/ 29/ 98 for the drilling of wells and/ or borings.

Within 30 days, please submit the following information:

1. Provide a detailed site plan giving accurate locations of all wells and borings. The site plan should be drawn to scale.

2. Provide complete well logs, which include well construction details, lithologic log, static water level including date of measurement, and, if available, the surveyed casing elevation.

3. Provide all laboratory analysis data if there was/ is no site assessment case.

A failure to provide information regarding this permit is a misdemeanor violation of Section 67.447 of the San Diego County Code, which will result in further action, including, but not limited to, an Administrative Office Hearing and a complaint being filed by this department with the State Contractors Licensing Board. Thank you for your cooperation. Should you have any questions, please contact me at (619) 338-2339.

Sincerely,

Marisue Crystal, Monitoring Well Permit Clerk
Site Assessment and Mitigation Program (SAM)

Enclosure (Permit Application Summary from TWIST)

URS Greiner Woodward Clyde
A Division of URS Corporation

February 29, 2000

RECEIVED
MAR 1 9 32 AM '00
ENVIRONMENTAL
HEALTH SERVICES

1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108
Tel: 619.294.9400
Fax: 619.293.7920
Offices Worldwide

Log Review
5/15/00 wrg

Ms. Marisue Crystal
San Diego County
Department of Environmental Health
Land and Water Quality Division
P.O. Box 129261
San Diego, CA 92112-9261

Subject: Well Log Submittal
Permit No. W97830
BFGoodrich Aerostructures Facility
Chula Vista, California
URSGWC Project No. 589853067B.00-00400

Dear Ms. Crystal:

Two deep test borings (DB-1 and DB-3) and one deep well (DB-2) were installed at the BFGoodrich Aerostructures (BFG) Facility in Chula Vista, California, during November and December 1998. The borings and wells were installed to monitor general water quality (TDS and general minerals). The original permit application dated October 20,1998, which included one boring, was approved by the DEH on October 29, 1998. URS Greiner Woodward Clyde (URSGWC) submitted two modifications to the permit for one additional well and one additional boring on November 4 and 18, 1998.

In accordance with the Site Assessment and Mitigation Manual (revised 1999), copies of a site plan showing the boring and well locations, well logs, and laboratory analytical reports are provided. Drill cuttings from the three boreholes were placed in roll-off bins and were properly disposed of by Pacific Treatment Environmental Services (PTES). Wash water generated during well installation was transferred to the onsite pretreatment facility by BFG personnel. If you have any questions, please give us a call.

Very truly yours,

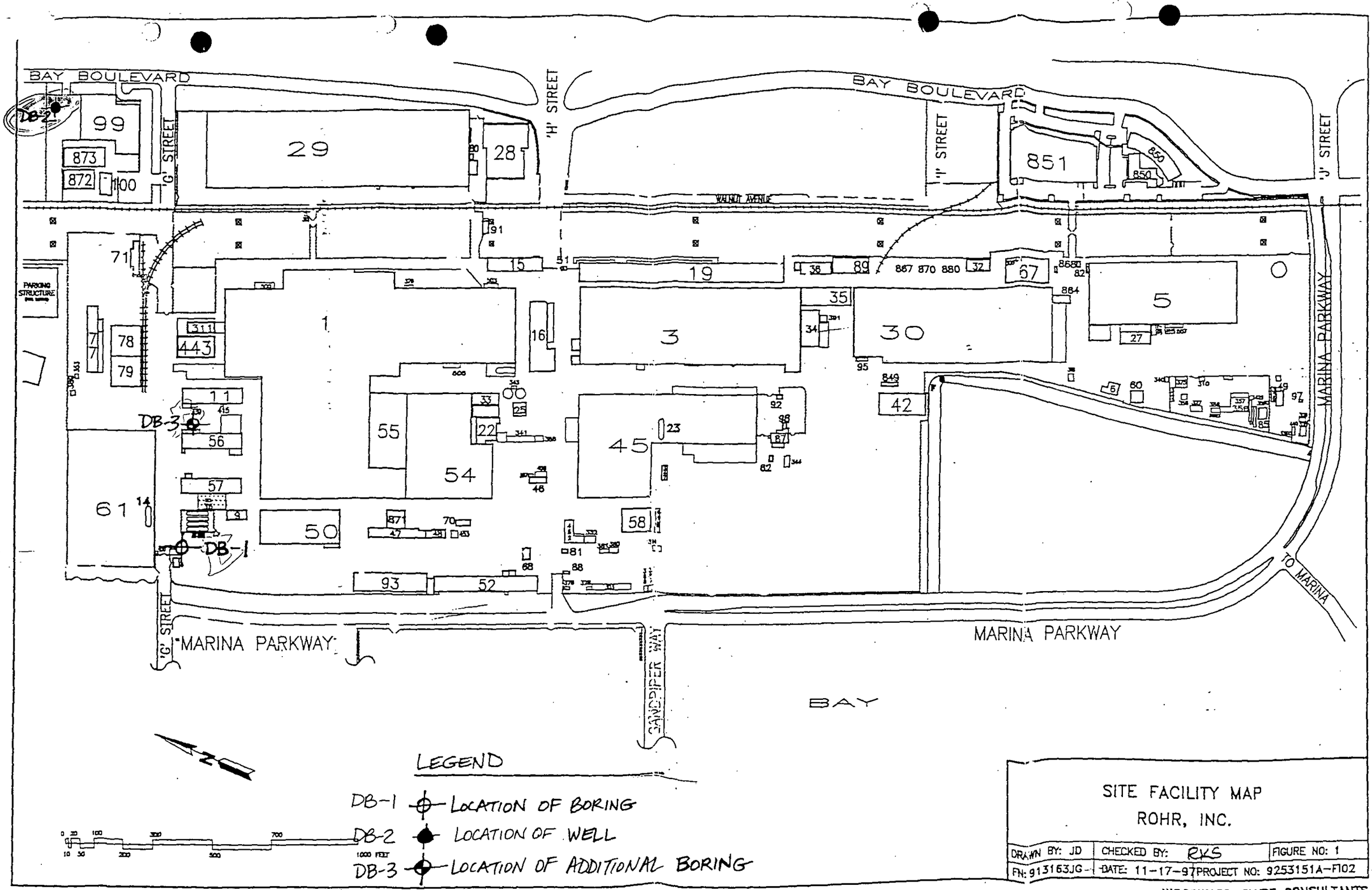
URS GREINER WOODWARD CLYDE

Robert K. Scott

Robert K. Scott, R.G. No. 5894
Senior Project Manager

REGISTERED GEOLOGIST
ROBERT K. SCOTT
No. 5894
STATE OF CALIFORNIA

RKS:kvs



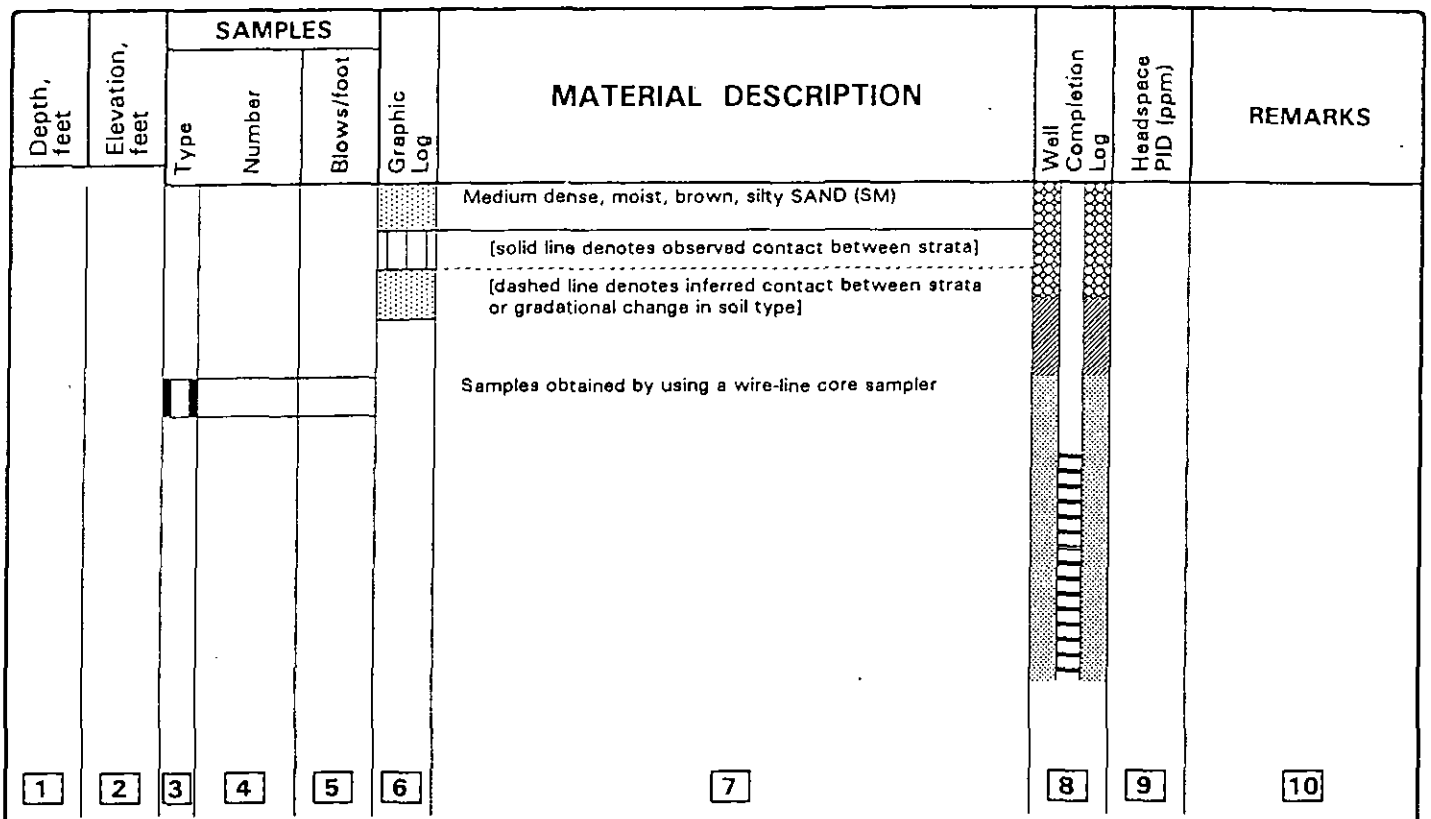
SITE FACILITY MAP
ROHR, INC.

DRAWN BY: JD	CHECKED BY: RLS	FIGURE NO: 1
FN: 913163JG	DATE: 11-17-97	PROJECT NO: 9253151A-F102

WOODWARD-CLYDE CONSULTANTS

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Key to Log



COLUMN DESCRIPTIONS

1	Depth:	Distance (in feet) below the ground surface.
2	Elevation:	Approximate elevation (in feet) referenced from the ground surface.*
3	Sample Type:	Type of soil sample collected at depth interval depicted; symbols explained above.
4	Sample Number:	Sample identification number.
5	Sample Blows/foot:	Number of blows required to advance driven sampler 1 foot, or distance indicated, using a 140-lb hammer (or as otherwise indicated) with a 30-inch drop. "**" indicates blow count for initial 6-inch seating interval of sampling only.
6	*Graphic Log:*	*Graphic depiction of subsurface material encountered; symbology explained* on Sheet 2 of Key.
7	Material Description:	Description of subsurface material encountered, including USCS soil designation.
8	*Well Completion Log:*	*Graphic depiction of well construction; symbology explained on Sheet 2 of* Key.
9	Headspace:	Photoionization detector (PID) field headspace reading (in parts per million). ND indicates that no organic vapors were detected.
10	*Remarks:*	*Comments or observations regarding drilling/sampling made by driller* or Woodward-Clyde's field personnel

GENERAL NOTES

1. Soil classifications are based on the Unified Soil Classification System (USCS) or recorded and include consistency/relative density (where standard blow count correlation is possible), moisture, and color.
2. Descriptions on these boring logs apply only to the specific boring locations at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or for other times.

ATD = At time of drilling
ND = Organic vapors not detected
NR = Negligible to no recovery

*Based on available topographic plan

Figure B-1

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Key to Log

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS

UNIFIED SOIL CLASSIFICATION SYSTEM
SYMBOL AND ROCK TYPE NAME VERSUS
CORRESPONDING GRAPHIC LOG

Sand
Clay
Silt
Silt/Sand
Sand/Clay
Gravel
Sand with cobbles

SYMBOLS USED IN WELL COMPLETION LOG

Casing in cement grout
Casing in bentonite grout
Casing in Lonestar #1/20 sand
Casing in Lonestar #3 sand
Slotted casing in filter pack

URS Greiner Woodward Clyde

Figure B-1

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 1 of 9

Date(s) Drilled	11/2/98 through 11/12/98	Logged By	KS, VW, RKS	Checked By	RKS
Drilling Method	Mud Rotary	Drill Bit Size/Type	94-mm wireline core, 5 7/8" tricone	Total Depth Drilled (feet)	302.0
Drill Rig Type	CME 75, Canterra 550	Drilled By	Tri-County Drilling	Hammer Weight/ Drop (lbs/in.)	--
Groundwater Level (feet)	3	Date Measured	11/2/98	Approx. Surface Elevation (feet, MSL)	5.0
Location:	South of Building 61			Borehole Backfill	Bentonite grout

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
0	5					FILL Asphalt over rock base and silt			Following drilling boring was E-logged
						BAY POINT FORMATION (ALLUVIUM) Moist, olive brown, silty CLAY (CL) Becomes wet, dark gray to black, clay			1" sand lens at 3'
5	0					Becomes reddish brown, silty CLAY (CL) with trace sand			
						Moist, reddish brown, clayey SAND (SC)			
			NR						
10	-5		DB-1-HP10			Wet, olive brown, sandy CLAY and silty CLAY (CL)			TDS, GM
									Wood fragments at 11.5' and 12'
						Wet, brown, silty SAND (SM) with trace gravel			
						Wet, olive brown, clayey SILT (ML)			
15	-10					Wet, olive brown, silty CLAY (CL), with gravel			
						Wet, olive brown, SILT (ML), with some clay			
						Wet, olive brown, fine sandy CLAY (CL)			
						Becomes silty clay			
20	-15					Wet, brown, clayey SAND with silt (SC/ML)			
						Wet, brown, silty SAND (SM) with trace of clay			
			NR			Wet, brown, fine SAND (SP), micaceous			
			DB-1-HP24						TDS, GM
25	-20					Wet, olive brown, CLAY (CL)			
						With trace of sand at 26.5 feet			
						Wet, olive brown, silty fine SAND (SM) with medium sand at 27.5'			
			NR			Wet, brown, CLAY (CL)			
30	-25								

URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 2 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
30	-25					Becomes silty at 33'			
35	-30					Wet, olive brown, SILT (ML)			
						Wet, olive brown, silty fine SAND (SM) with iron staining at 37.5-38.5'			
						Wet, olive brown, silty CLAY (CL) with silty fine sand lenses			
40	-35					Wet, olive brown, fine SAND (SM)			
						Wet, olive brown, fine to coarse SAND (SW), with abundant shells			
			NR			Wet, olive brown, fine SAND (SP) with trace of silt and no shells			
45	-40								
			NR			Wet, gray, fine to medium SAND (SP)			
						Wet, brown, clayey SAND (SC)			
			DB-1 -49						
50	-45								P, GS
						Wet, reddish brown, fine silty SAND (SM) with CLAY (CL)			
						Wet, olive brown, silty CLAY (CL)			
						Wet, gray, fine to medium SAND (SP)			
						With coarse sand, shells and sandy clay lenses from 52'-52.8'			
			NR			Wet, olive brown, sandy to silty CLAY (CL)			
55	-50					Wet, grayish brown, fine to medium SAND (SP)			
			NR			Wet, brown, silty SAND (SM) with trace of clay			
						Wet, olive brown, clayey SILT (ML)			
			NR			Wet, olive brown, sandy CLAY to clayey SAND (CL/SC)			
			NR						
60	-55		DB-1 HP60			Wet, reddish brown, sandy to silty CLAY (CL)			TDS, GM
			NR						
						Wet grayish brown, silty SAND (SM)			
65	-60								

Figure B-2

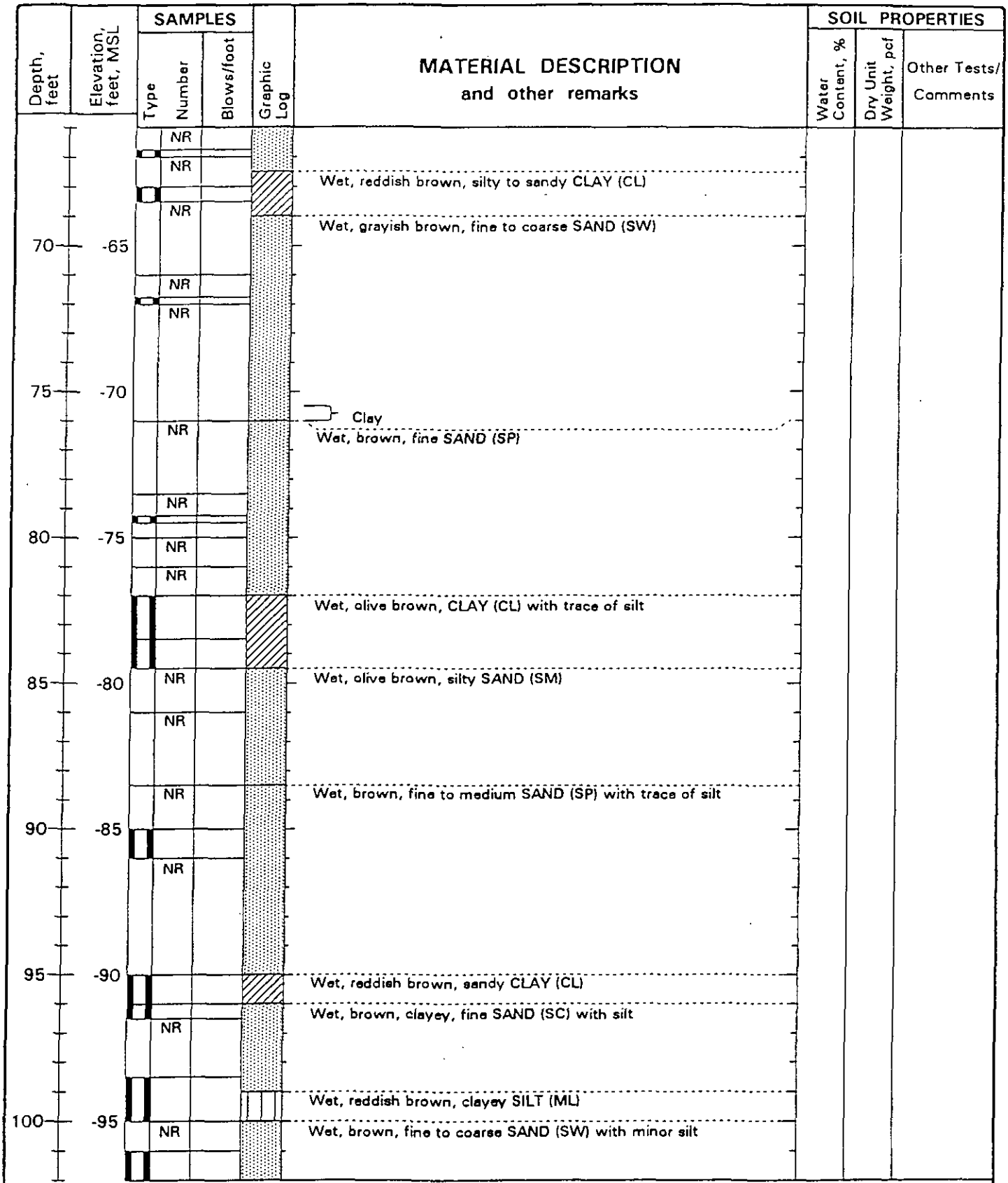
URS Greiner Woodward Clyde

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 3 of 9



URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 4 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
						Wet, reddish brown, sandy CLAY (CL) with silt			GS
105	-100	DB-1	103.5			Wet, brown to reddish brown, clayey, fine to medium SAND (SC)			
			NR			Wet, brown, medium SAND (SP) with some coarse sand			
		DB-1	HP 108.5			Becomes finer grained with trace of silt Wet, olive brown, silty CLAY (CL)			TDS, GM
110	-105		NR			With less silt			
			NR			Wet, olive brown, clayey SILT (ML) with fine sand			
			NR			*Wet, brown, fine to coarse SAND (SW)*			
115	-110	DB-1	116.5			Wet, brown, fine to medium SAND (SP) with some silt and clay			P, GS
			NR						
120	-115		NR			Wet, olive gray, clayey SAND to sandy CLAY (SC/CL)			More cohesive and partially stratified
			NR			*Wet, olive brown, silty CLAY to clayey SILT (CL/ML)*			
125	-120		NR			Wet, reddish brown, fine silty SAND (SM), with clay, micaceous			Cobble present in sample
			NR			Becomes coarser grained Wet, olive brown, clayey SAND to sandy CLAY (SC/CL)			
130	-125		NR			Wet, olive brown and reddish brown, clayey SAND with gravel and cobbles (SC/GM)			
			NR			Wet, brown, clayey SILT (ML), with trace of very fine sand and gravel at 133'			
135	-130		NR			Becomes more clayey			
			NR			Wet, grayish brown, silty, fine to medium SAND (SM)			

Figure B-2

URS Greiner Woodward Clyde

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 98530678-0100

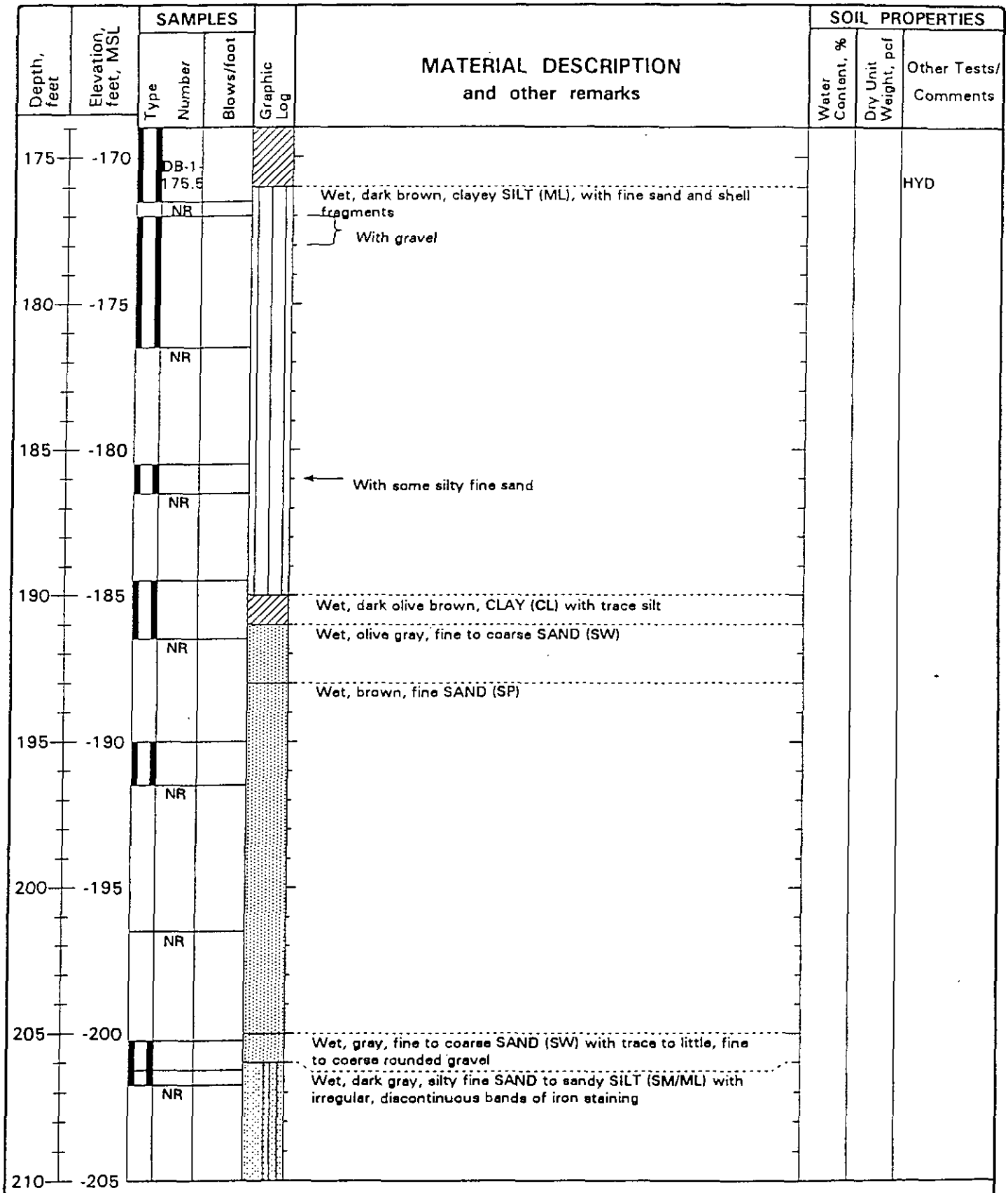
Log of Boring DB-1

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
140	-135					Wet, reddish brown, CLAY (CL)			
						← Sand lens			
			NR						
						Becomes oliva brown			
145	-140					Becomes dark gray with orange mottling			
			NR						
						Wet, brown, fine to medium SAND (SP)			
150	-145								
			NR			Wet, dark gray, CLAY (CL) with trace of sand and orange mottling			
						Wet, dark gray, fine SAND (SP)			
						With silt			
155	-150								
			NR			Wet, dark gray, CLAY (CL)			
						Becomes silty			Clay is very hard
						Wet, gray, fine SAND (SP)			
160	-155					Wet, gray, silty CLAY (CL) with silty SAND layers (SM) and minor small shells			
			NR						
						Wet, gray and brown, fine to medium SAND (SP)			
165	-160					Wet, dark gray, clayey SAND (SC) with silt			
						Wet, dark gray, CLAY (CL) with some small shells			
			NR						
170	-165								
			NR						
						With trace silt			

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 6 of 9



URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 7 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
210	-205					Wet, gray, silty, fine to medium SAND (SM) with trace gravel			
						Wet, dark gray to dark olive gray, sandy SILT and interbedded dark gray, silty CLAY (ML-CL) with zones of iron staining			
						Wet, gray, silty to sandy GRAVEL (GM)			
215	-210					Wet, Brown, medium to coarse SAND (SP) with gravel			
						Wet, brown, medium to coarse SAND (SP) and sandy GRAVEL (GP)			
220	-215								
225	-220								
									Refusal with coring system at 227'. Resume drilling with tricone bit. Borehole logged by drilling rate and cuttings. SP log used to verify lithology.
230	-225					Wet, brown, sandy CLAY (CL) with trace gravel			
235	-230								
240	-235					Wet, brown, clayey to silty SAND (SC/SM)			
245	-240					Wet, brown, silty CLAY (CL)			

URS Greiner Woodward Clyde

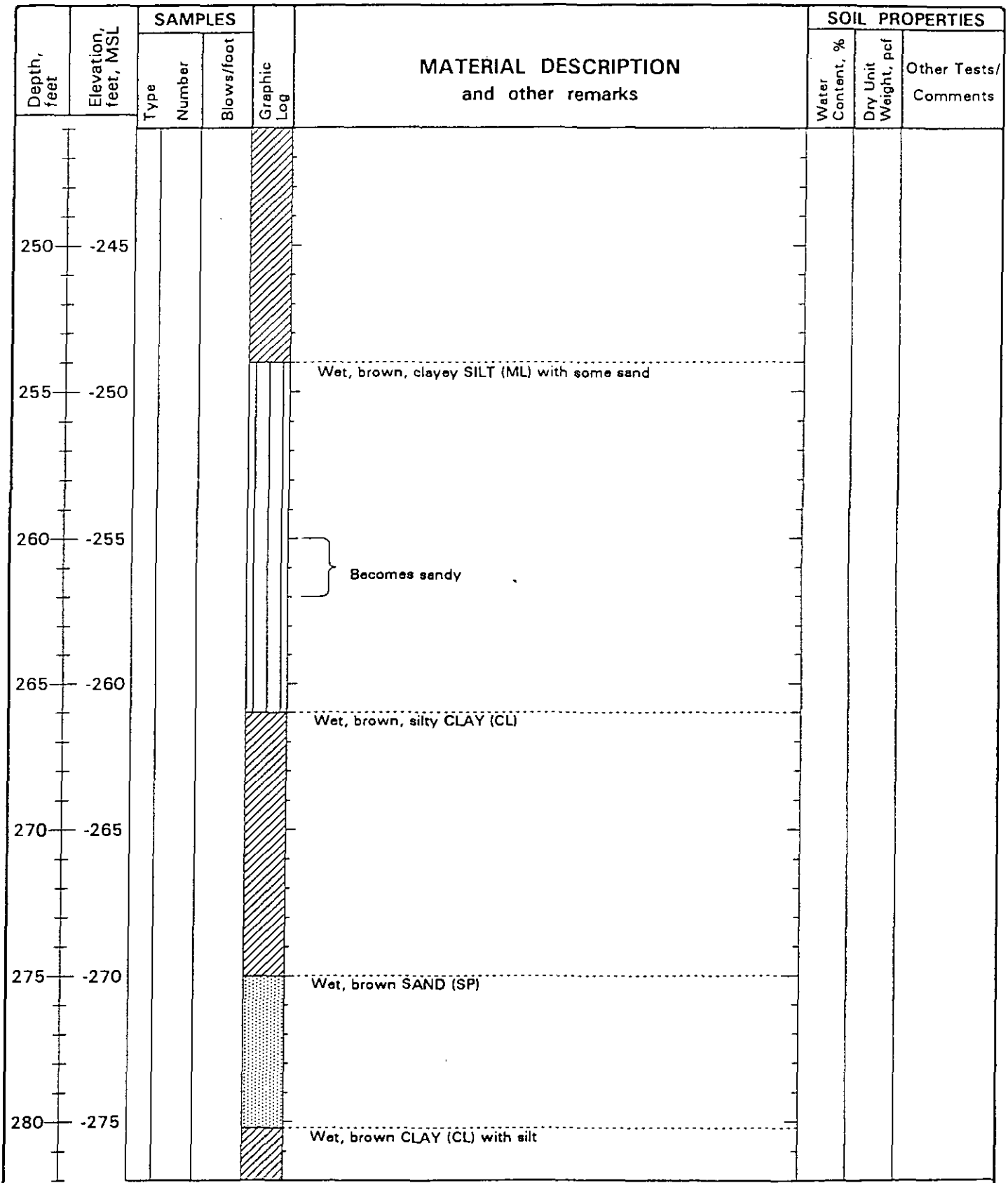
Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: . Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 8 of 9



URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 9 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
285	-280					Wet, brown, medium to coarse SAND (SP)			
						Clay			
290	-285								
						Wet,. brown, silty CLAY (CL)			
295	-290					Wet, brown, medium to coarse SAND (SP)			
						Wet, brown, silty CLAY (CL)			
300	-295								
						Bottom of boring at 302 feet Boring backfilled with bentonite grout			
305	-300								
310	-305								
315	-310								

URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 1 of 10

Date(s) Drilled	11/19/98 through 12/22/98			Logged By	K. Shirley	Checked By	R. Scott
Drilling Method	Mud Rotary			Drill Bit Size/Type	2" ID wireline core, 5" coring drag bit	Approx. Surface Elevation (feet, MSL)	22.0
Drill Rig Type	Failing F-8			Drilled By	THF Drilling	Total Depth Drilled (feet)	380.0
Depth to Groundwater (feet, bgs)	First 14	Completion --	Sampling 14.74	Number of Samples	Disturbed: NA / Undisturbed: NA	Sampler Type	Wire-line core barrel
Diameter of Hole (inches)	12&5-7/8	Diameter of Well (inches)	6	Type of Well Casing	Schedule 80 PVC	Screen Perforation	0.020"
Type of Filter Pack	Lonestar #3 and #1/20			Type of Seal(s)	Bentonite grout		
Boring Location	North of Building 99						

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					BAY POINT FORMATION (ALLUVIUM) Asphalt over moist, brown, silty fine SAND (SM)			
5	15					Moist, brown, fine to medium SAND (SP) with trace of silt			
10	10					Moist, brown, silty SAND (SM) with trace of clay Moist, brown, clayey fine SAND (SC) with silt (ML)			
			NR			Wet, brown, fine to medium SAND (SM)			
15	5		NR			Becomes finer grained with trace of silt Becomes coarser grained			Attempted to obtain hydropunch sample *from 18' to 18';* however, unable to push sampler due to density of material
			NR			Becomes finer grained with trace of silt Becomes coarser grained			
20	0					Silt or cley? (confirm with E-log)			
25	-5		NR			Wet, brown, fine SAND (SP) Wet, olive brown, silty fine to medium SAND (SM)			
30									

Figure B-3

URS Greiner Woodward Clyde

2/19/99 1WL1C 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 2 of 10

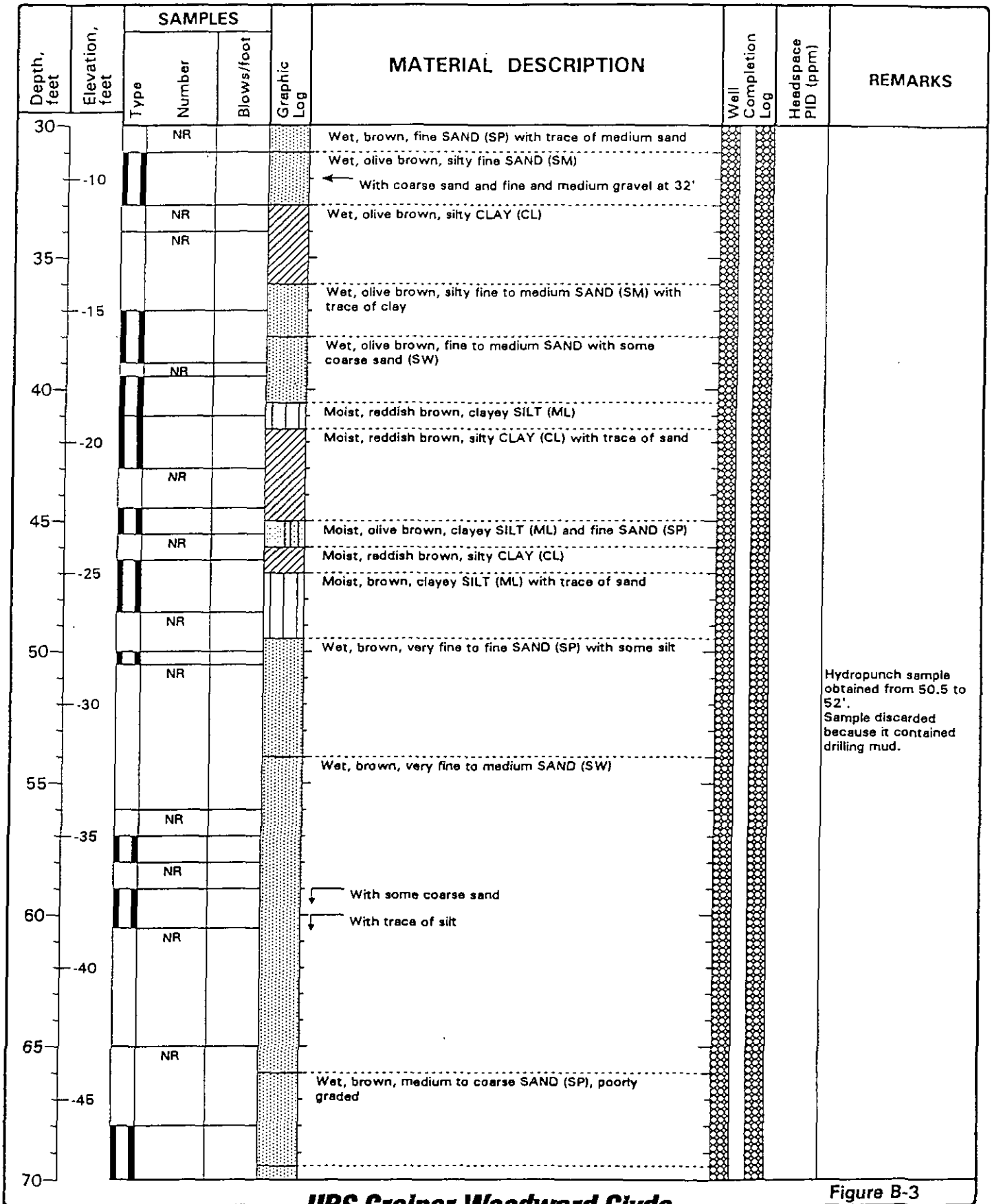


Figure B-3

URS Greiner Woodward Clyde

1/11/99 I WL1C 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 3 of 10

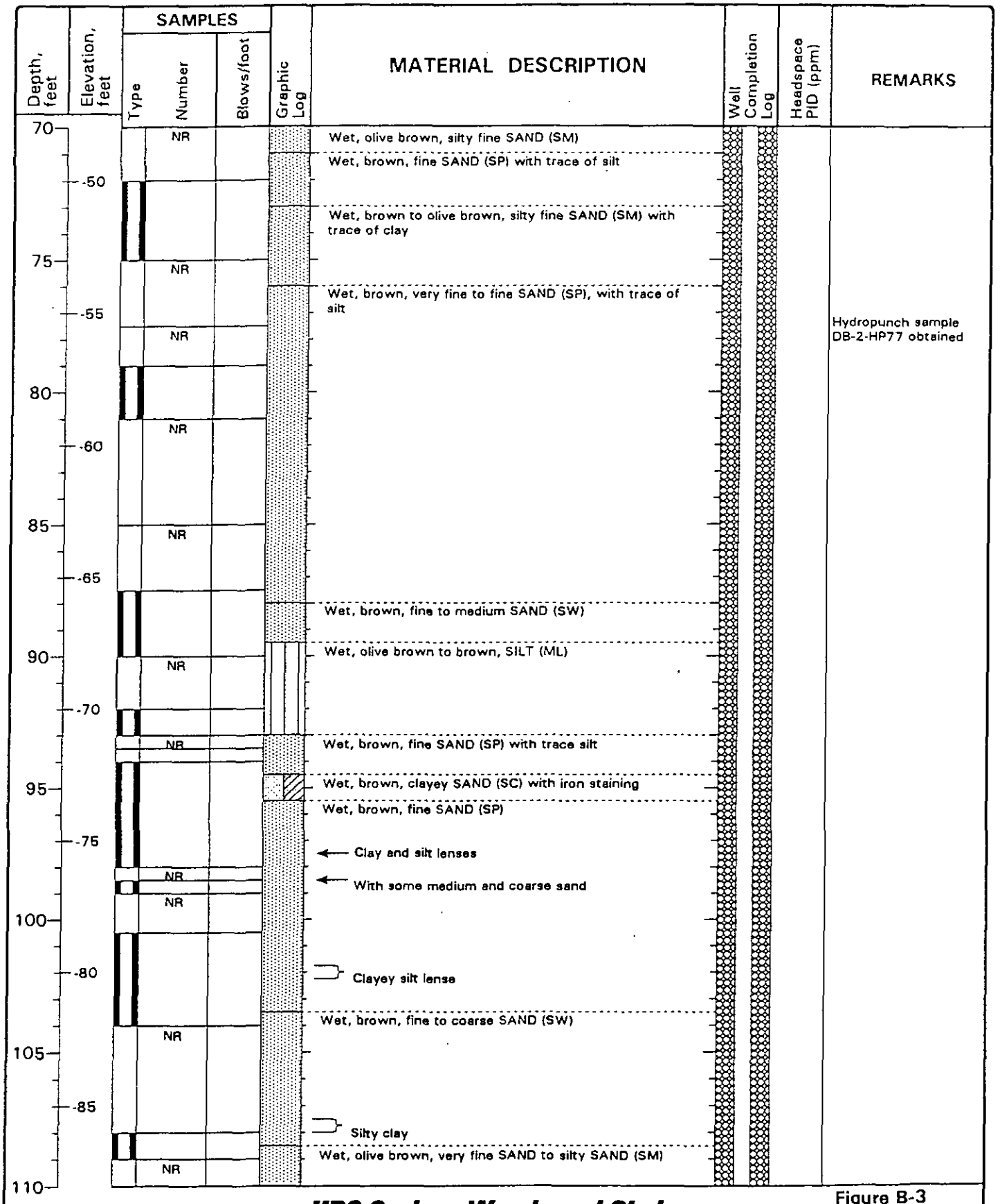


Figure B-3

URS Greiner Woodward Clyde

1/11/99 1WL1C 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 4 of 10

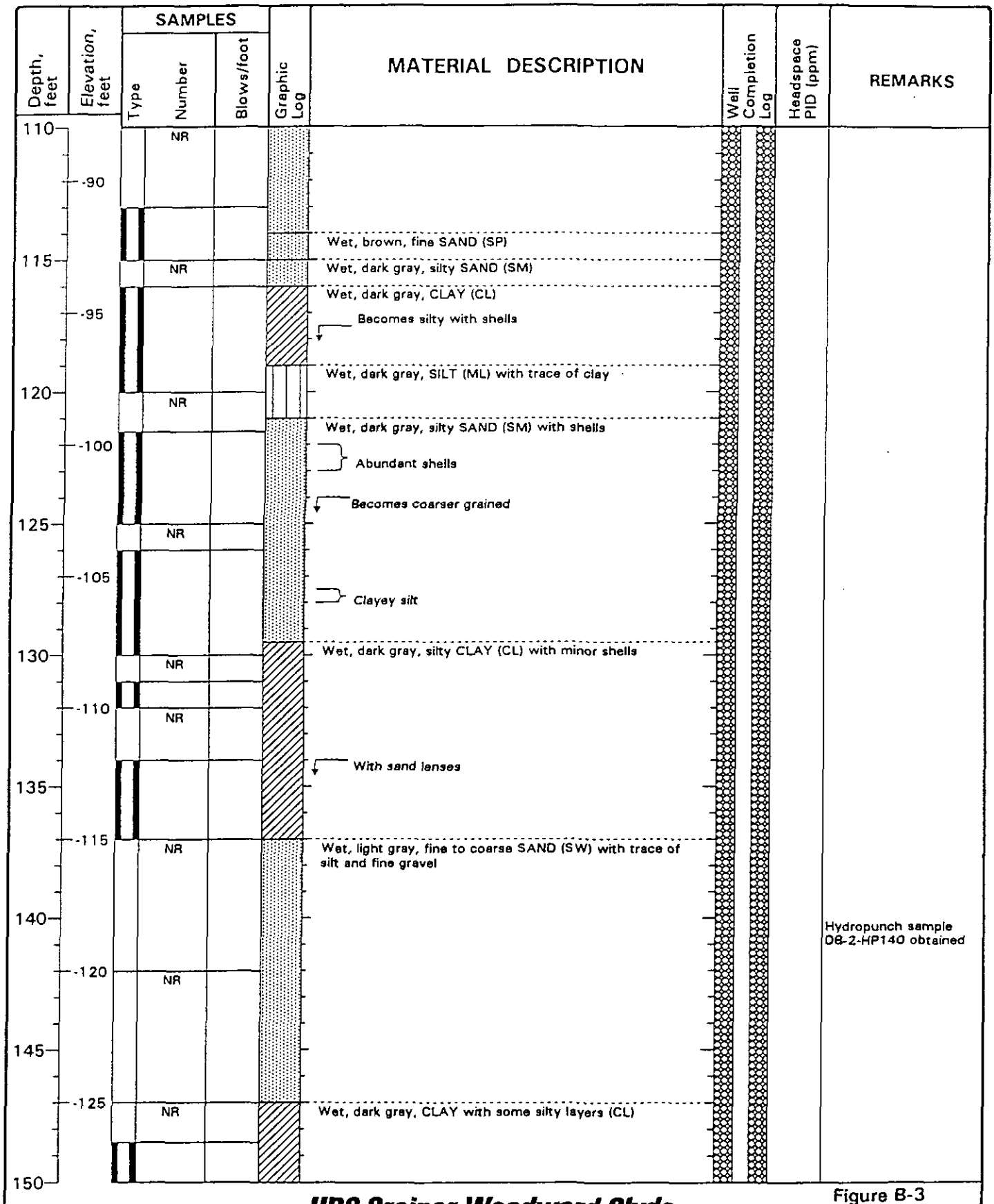


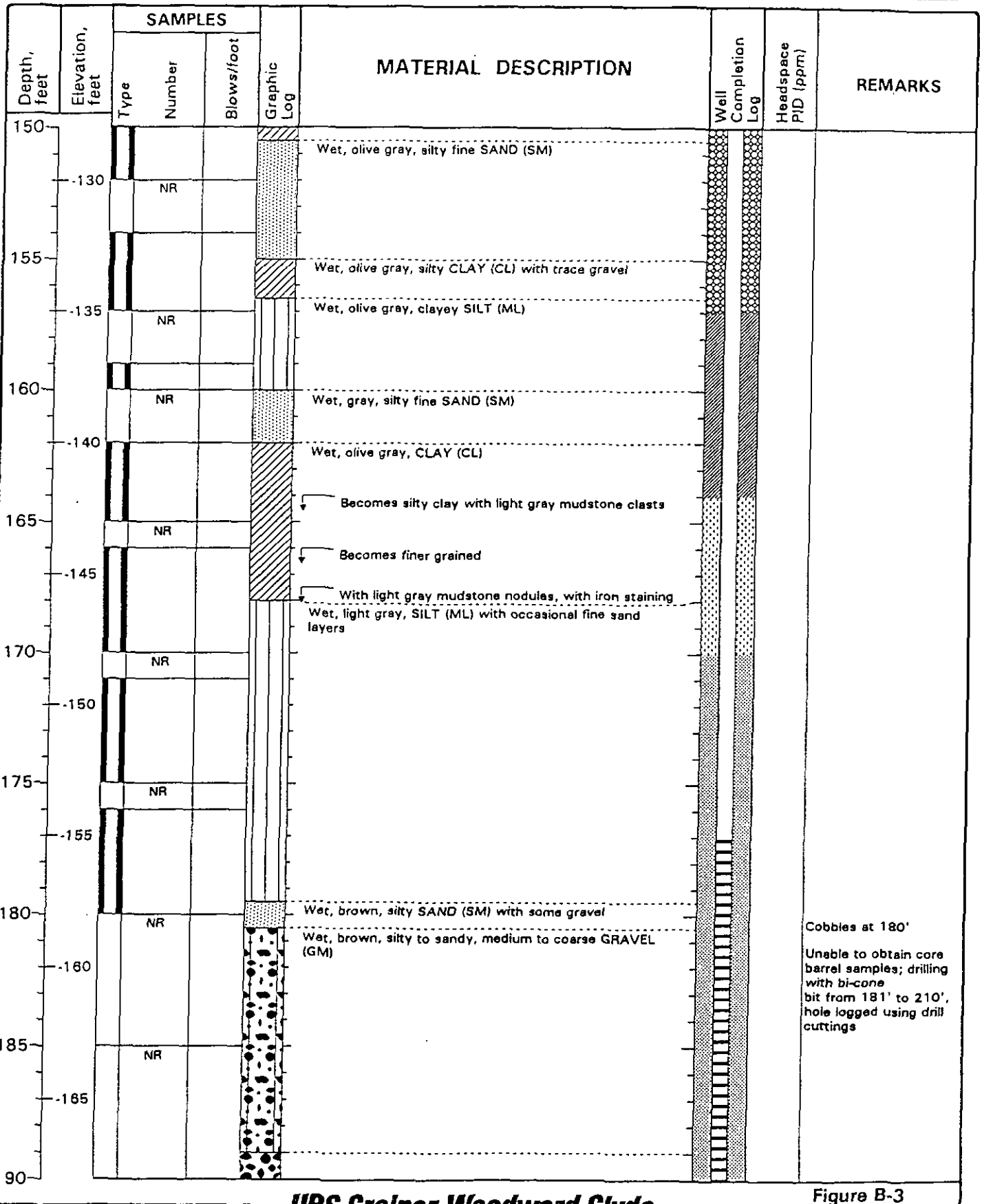
Figure B-3

URS Greiner Woodward Clyde

1/11/99 1WL1C S3067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2



URS Greiner Woodward Clyde

Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

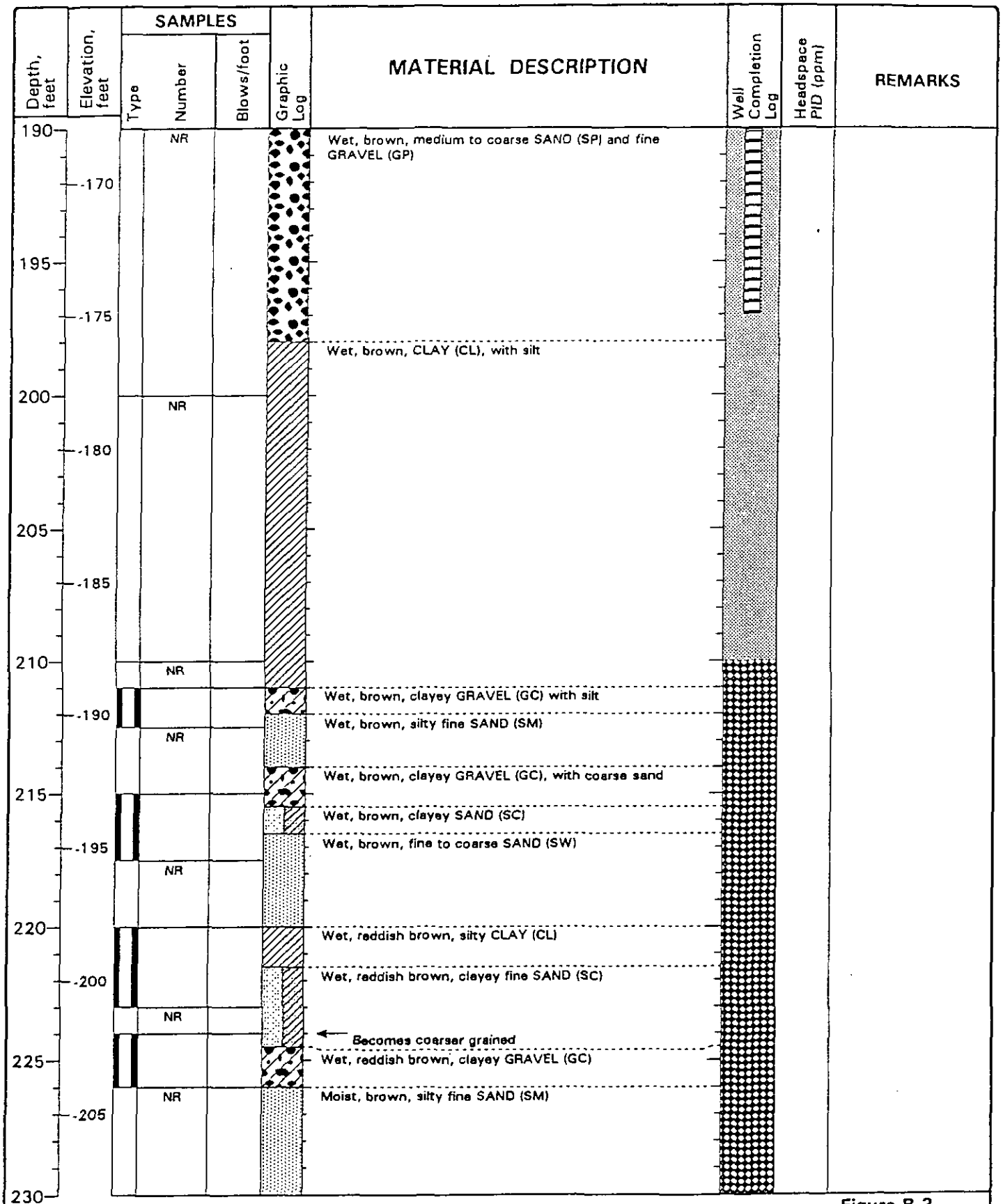


Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 7 of 10

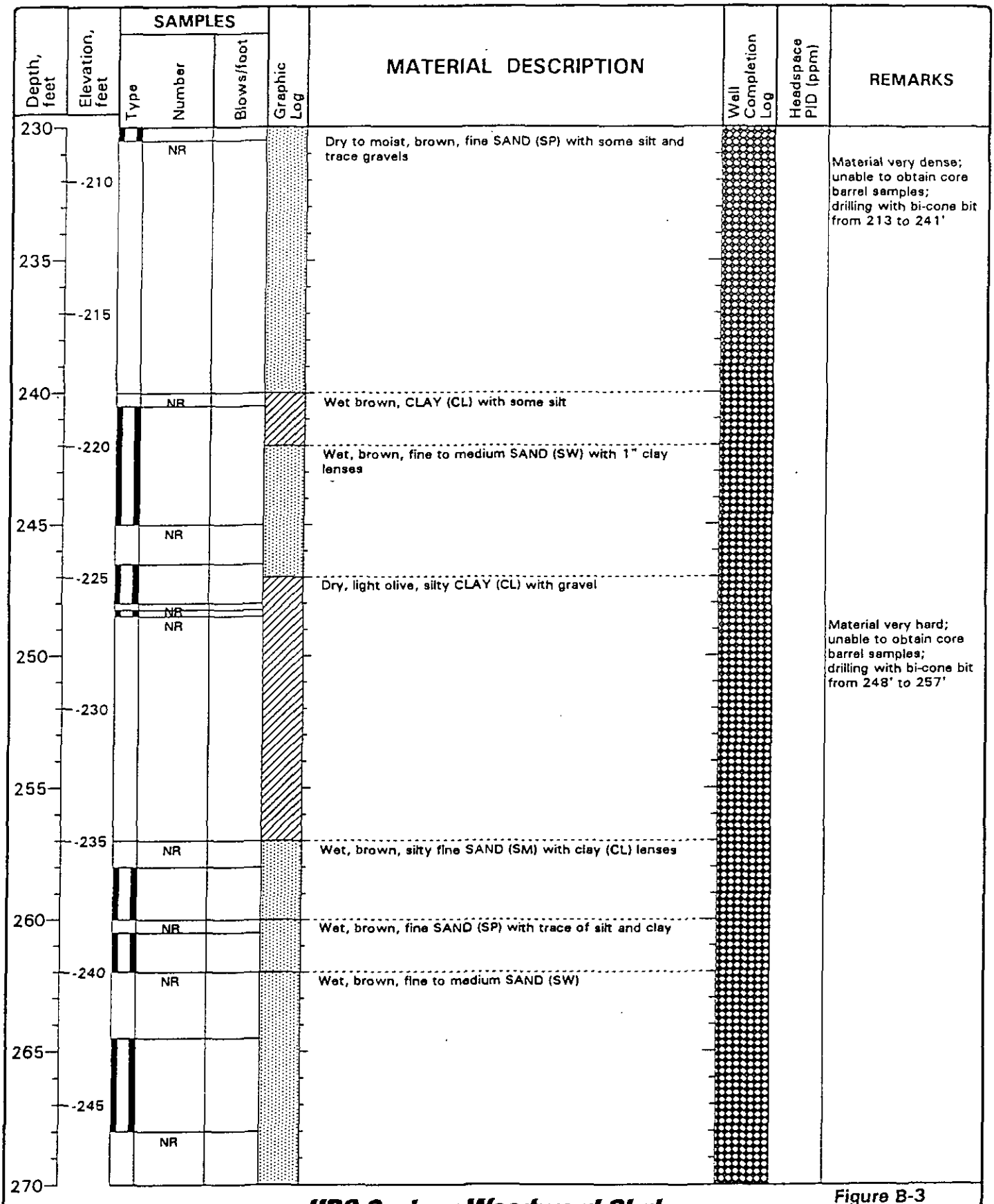


Figure B-3

URS Greiner Woodward Clyde

1/11/99 I WL1C 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 8 of 10

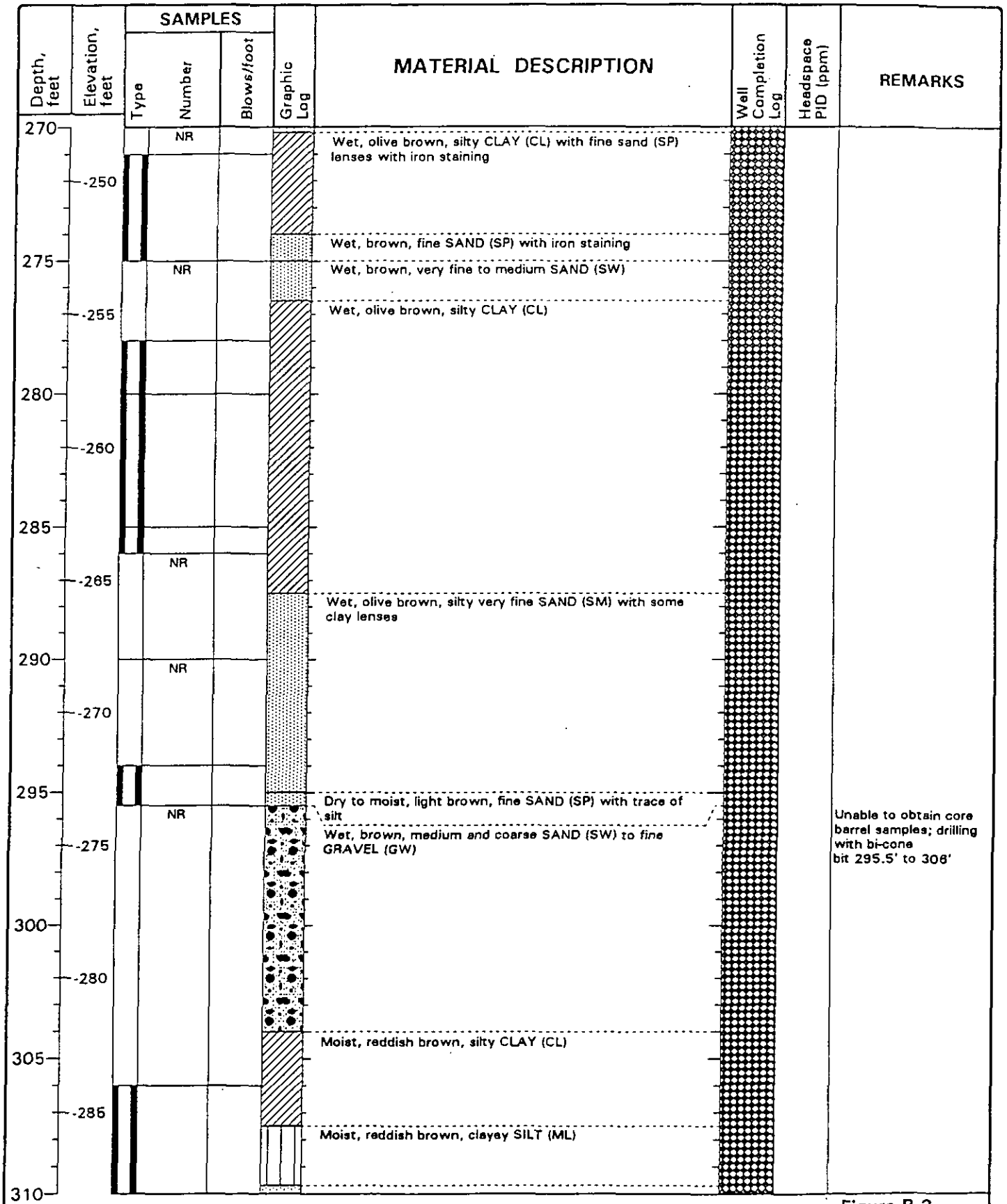


Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 98530678-0100

Log of Well DB-2

Sheet 9 of 10

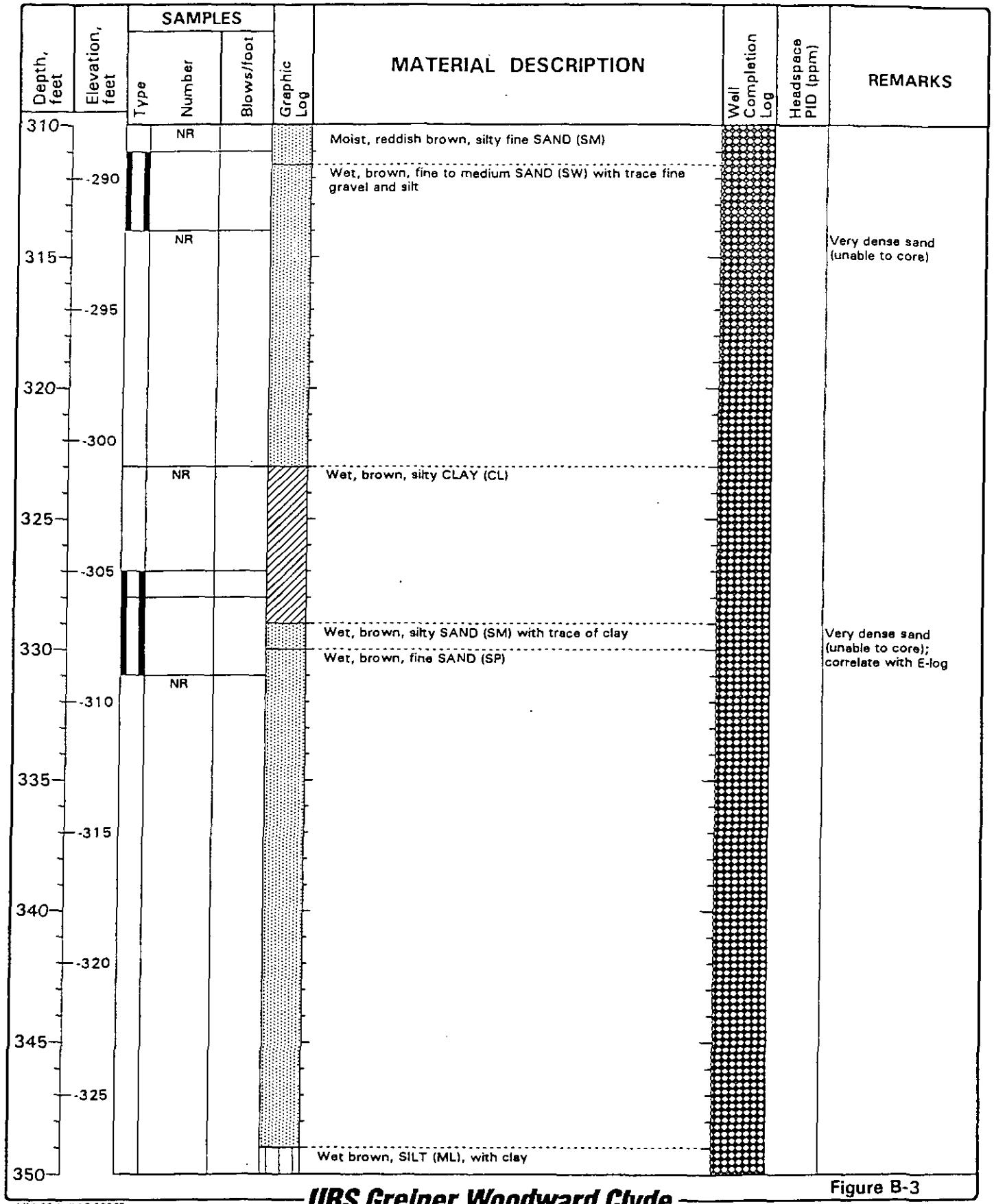


Figure B-3

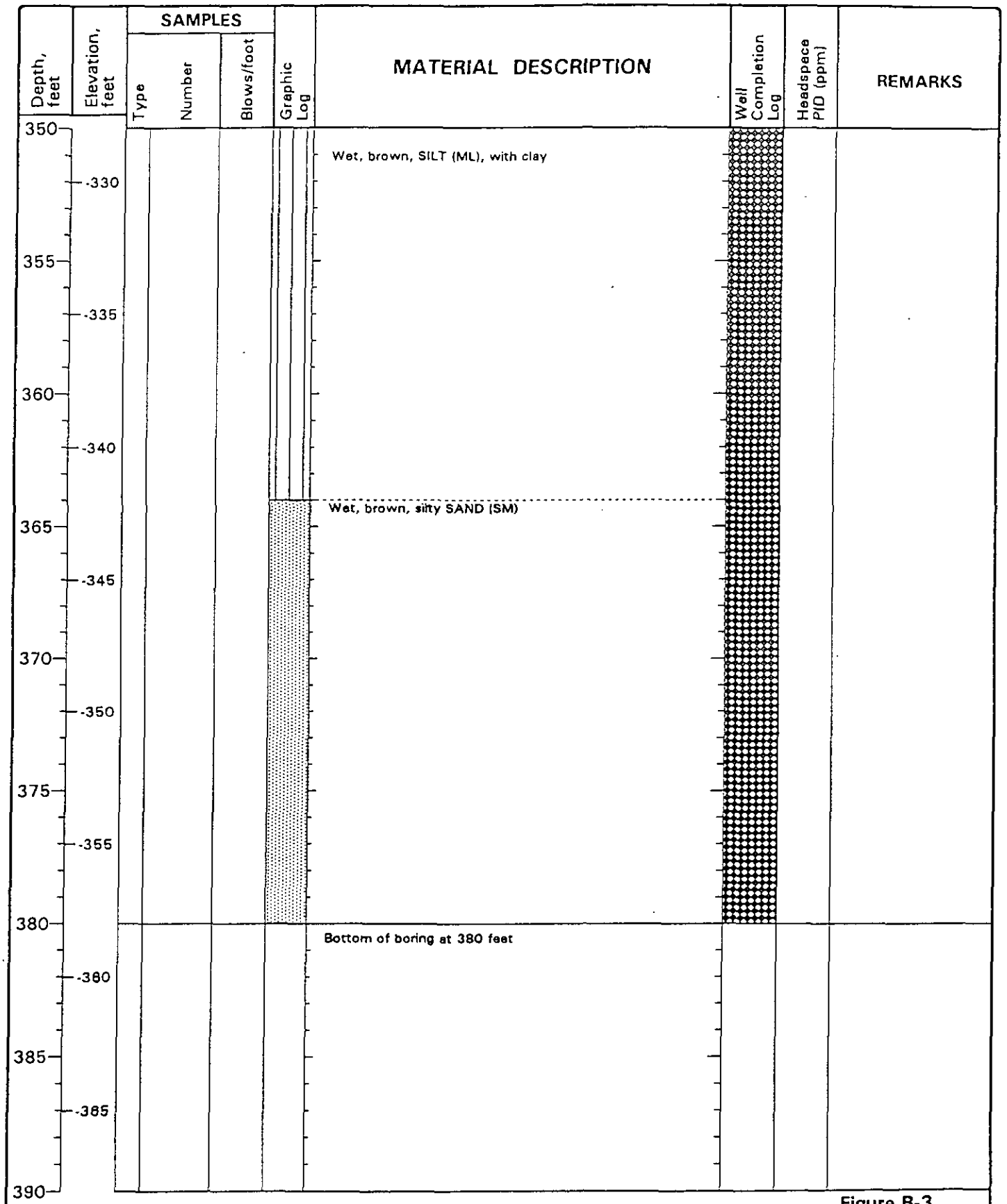
URS Greiner Woodward Clyde

1/11/99 1WL1C 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 10 of 10



URS Greiner Woodward Clyde

Figure B-3

1/11/99 I WLI C 53067

Project: BFGoodrich Project Location: Chula Vista, CA Project Number: 9853067B-0100	**Log of Boring DB-3** Sheet 1 of 9

Date(s) Drilled	12/17/98 through 12/22/98	Logged By	L. Jacobs	Checked By	R. Scott
Drilling Method	Mud Rotary, steel conductor	Drill Bit Size/Type	6" core bit	Total Depth Drilled (feet)	306.0
Drill Rig Type	Ingersoll Rand TH-100	Drilled By	Beylik Drilling	Hammer Weight/ Drop (lbs/in.)	NA
Groundwater Level (feet)	6	Date Measured		Surface Elevation (feet)	
Location:	Northeast corner of former Building 56			Borehole Backfill	Cement-bentonite grout

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	Other Tests/ Comments
0			NR			ARTIFICIAL FILL 0.2' asphalt over subangular sandy gravel			First 15' with 14" diameter auger; grout, 12" diameter conductor casing to 15'
						BAY POINT FORMATION (ALLUVIUM) Moist, reddish brown, CLAY (CL) with medium to coarse sand Trace of gravel			
5						Moist to wet, brown, clayey SAND (SC)			
10						Wet, dark brown, silty SAND to sandy SILT (SM/ML)			Hydropunch sample collected (DB-3-HP10)
15			NR			Wet, brown, fine SAND (SP) with trace of silt			Begin coring at 15'
			NR						
20						Wet, olive, CLAY (CH) with trace of silt			
						Wet, olive, silty fine SAND (SM), with iron staining			
25			NR			Wet, olive brown, fine SAND (SP), with iron staining			
						With trace of silt			
30									

Figure B-4

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 2 of 9

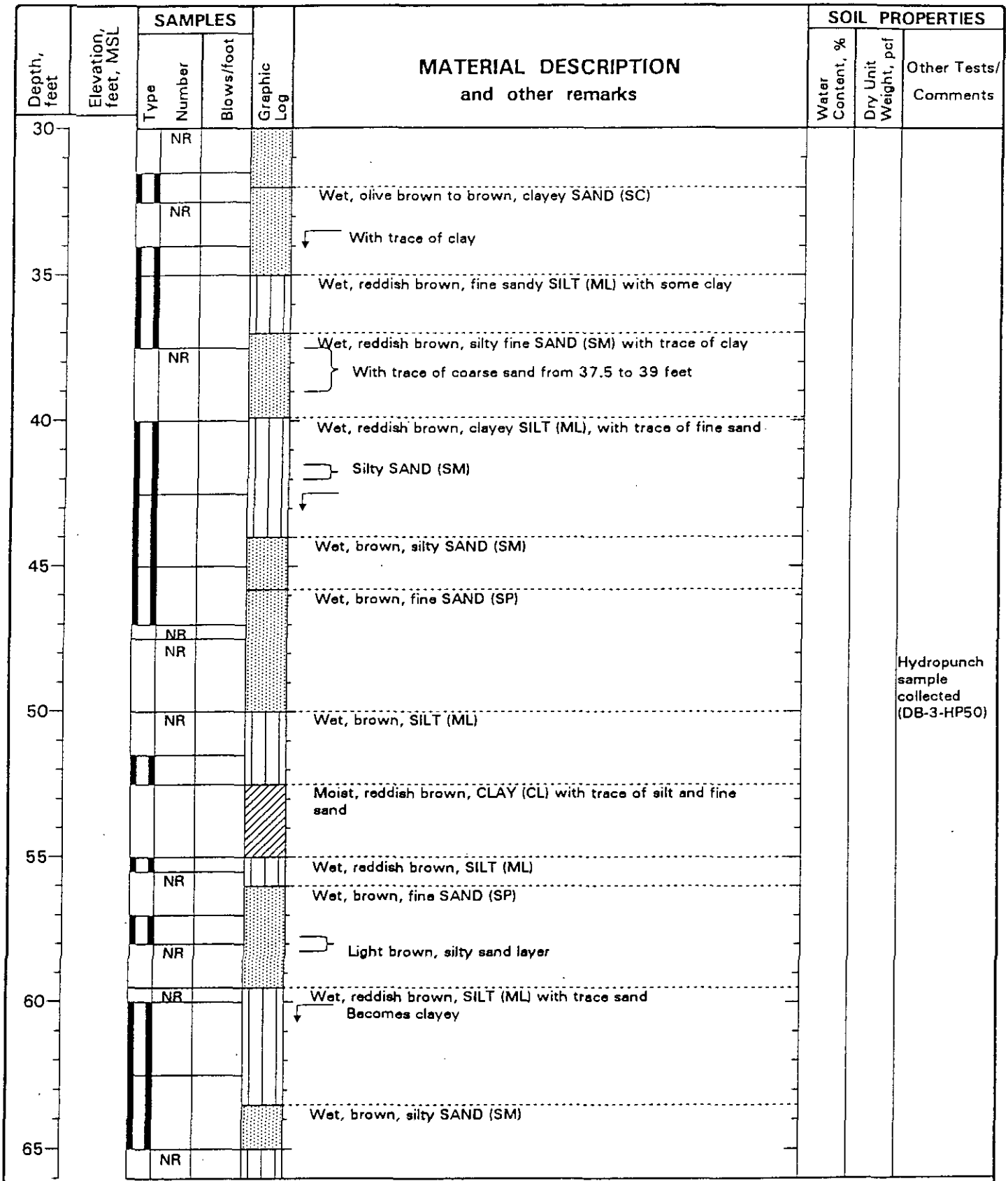


Figure B-4

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

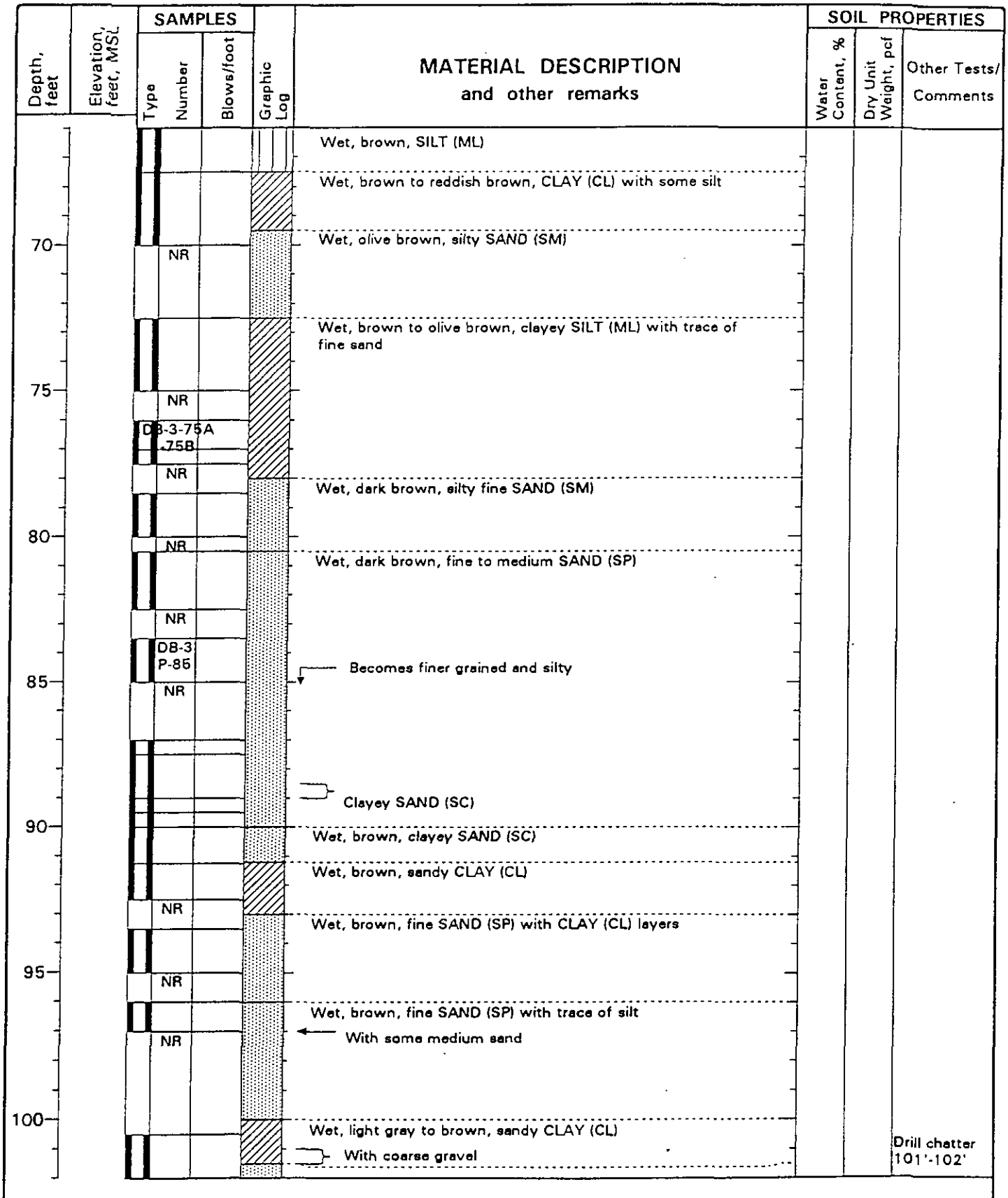


Figure B-4

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 4 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
						Wet, olive brown to brown, fine SAND (SP) with iron staining			
						Wet, reddish brown, silty SAND (SM) with CLAY (CL) layers			
105			NR						
						Wet, olive brown, CLAY (CL), with trace of silt and iron staining			Hydropunch sample collected (DB-3-HP107)
110			NR			Wet, light gray and black, fine SAND (SP) with trace silt			
						Wet, brown, clayey SAND (SC)			
						Wet, brown to olive brown, fine SAND (SP)			
115						Light gray, fine to medium SAND (SW) With clay			
						Wet, olive gray, silty CLAY (CL) with some iron staining			
						Wet, olive gray, fine SAND (SP) with trace silt			
						Wet, olive gray SILT (ML)			
120			NR			Wet, olive gray, silty SAND (SM)			
						With CLAY (CL) layers			
						Wet, light to olive gray, fine to medium SAND (SP) with trace silt			
125						With shell fragments			
						With trace of coarse sand and more shell fragments			
130			NR			Becomes yellowish brown with trace of silt			
						Moist, dark gray, CLAY (CL), with shells			
135			130B 130A						

Figure B-4

URS Greiner Woodward Clyde

2/19/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 5 of 9

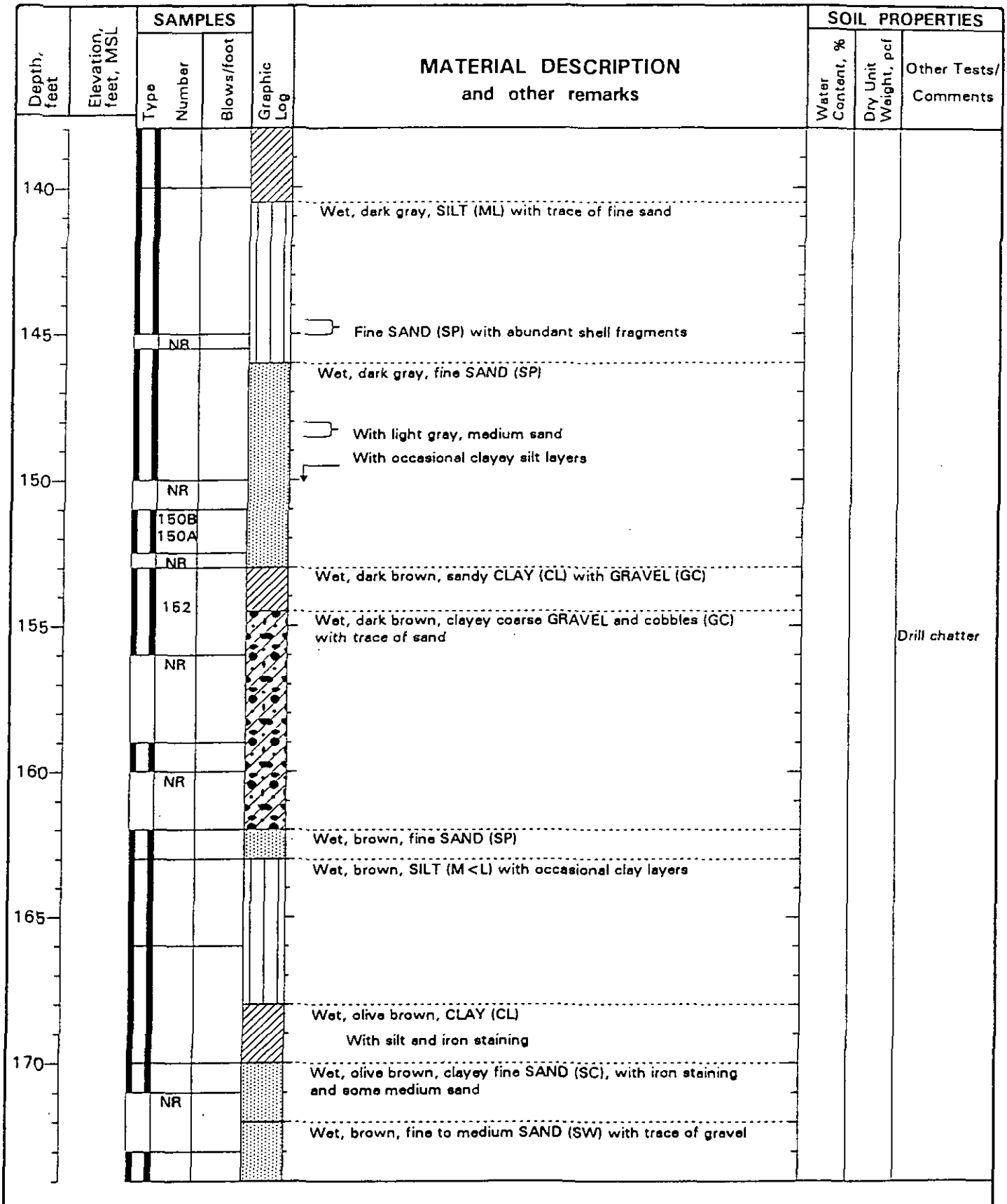


Figure B-4

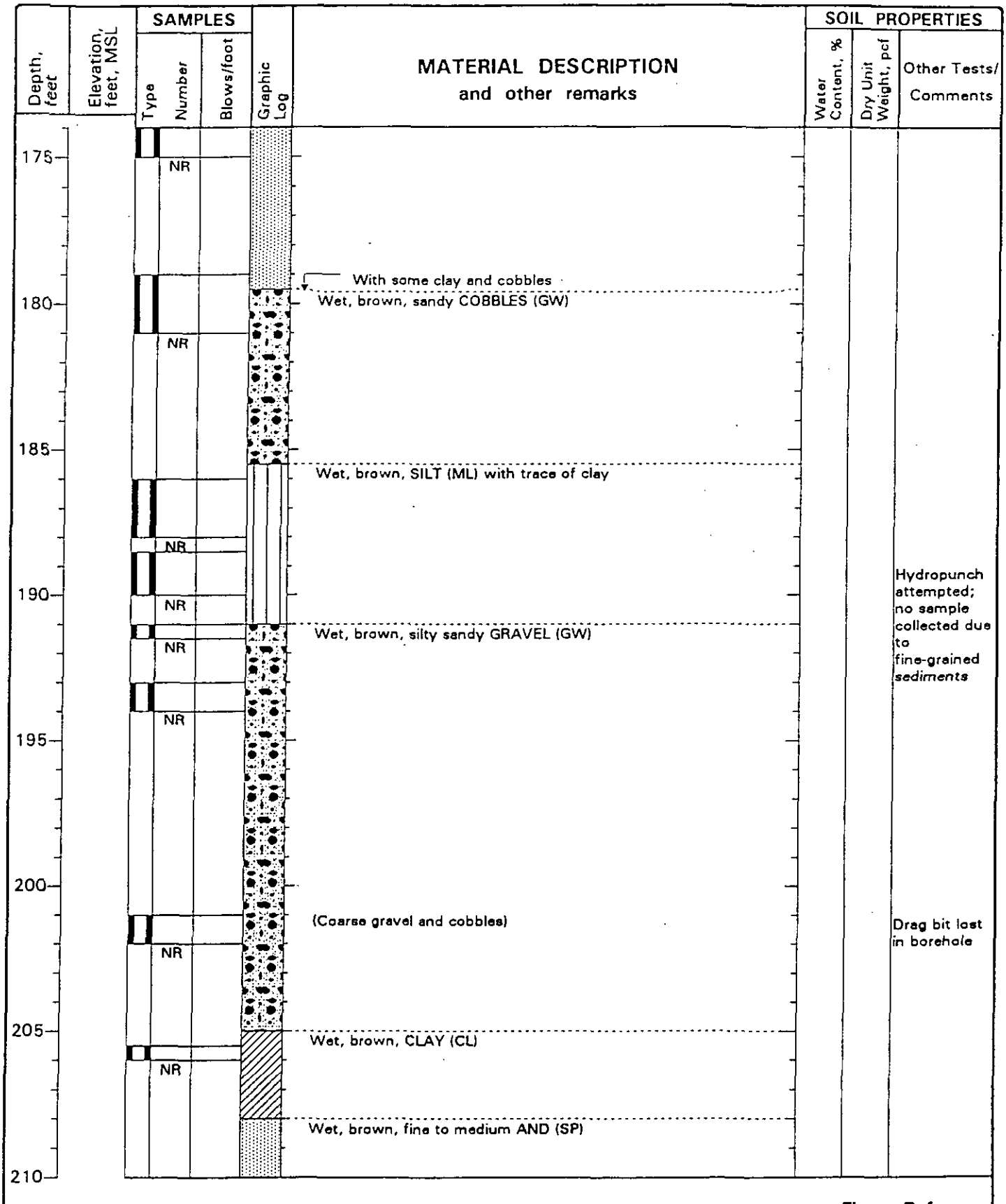
URS Greiner Woodward Clyde

1/11/99 1GLG10 53087

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 6 of 9



1/11/99 1GLG10 53067

URS Greiner Woodward Clyde

Figure B-4

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 7 of 9

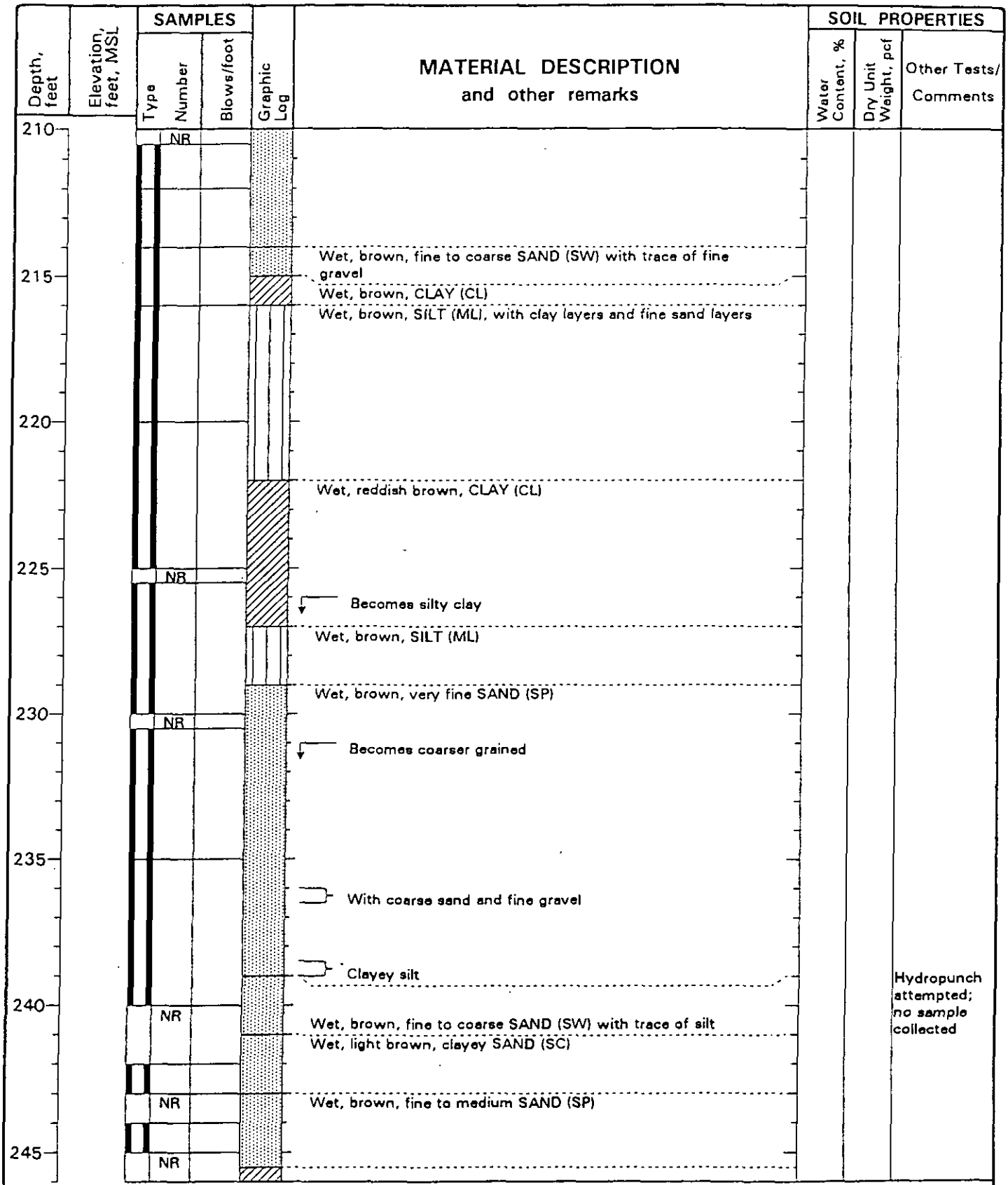
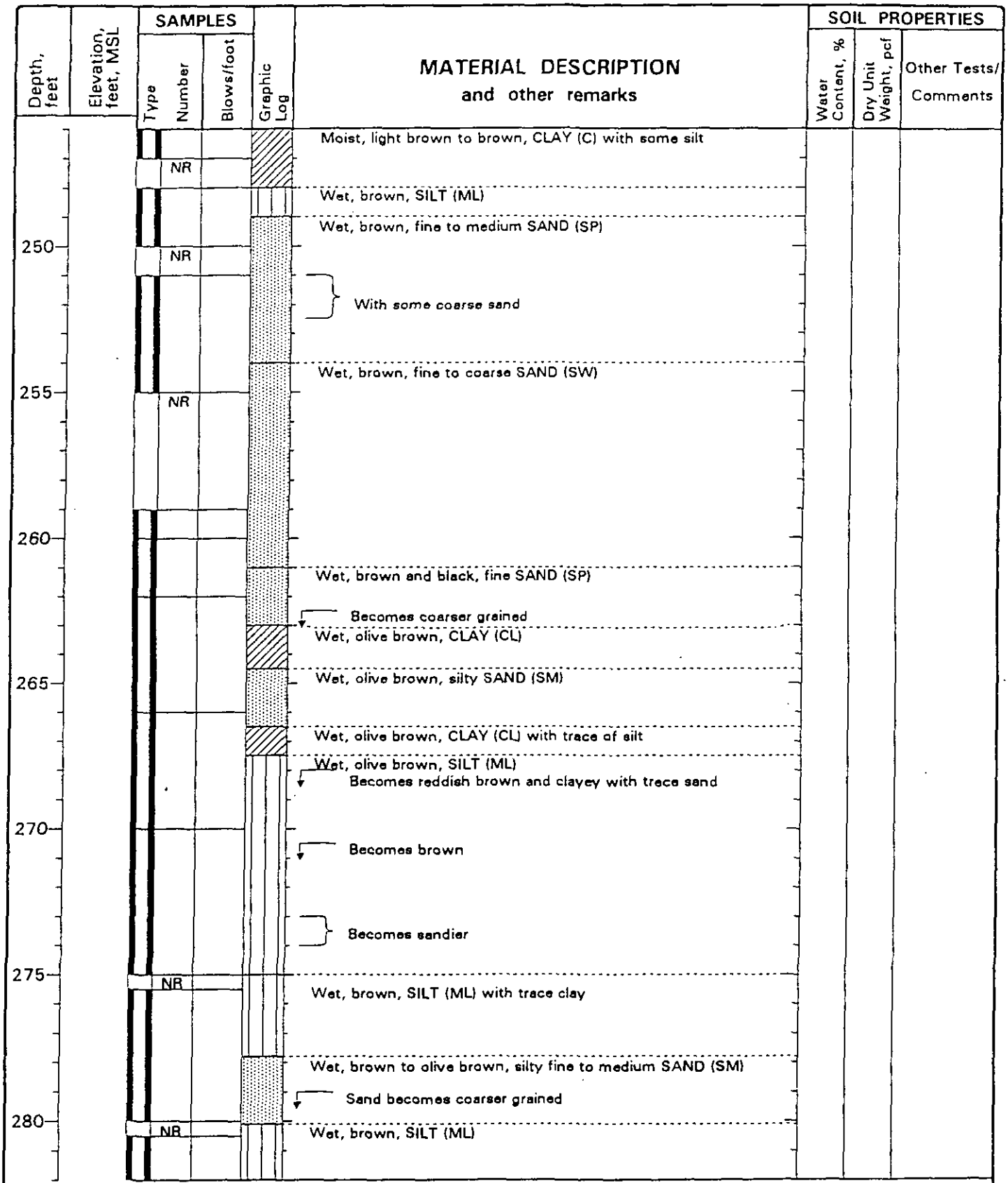


Figure B-4

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 8 of 9



URS Greiner Woodward Clyde

Figure B-4

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 9 of 9

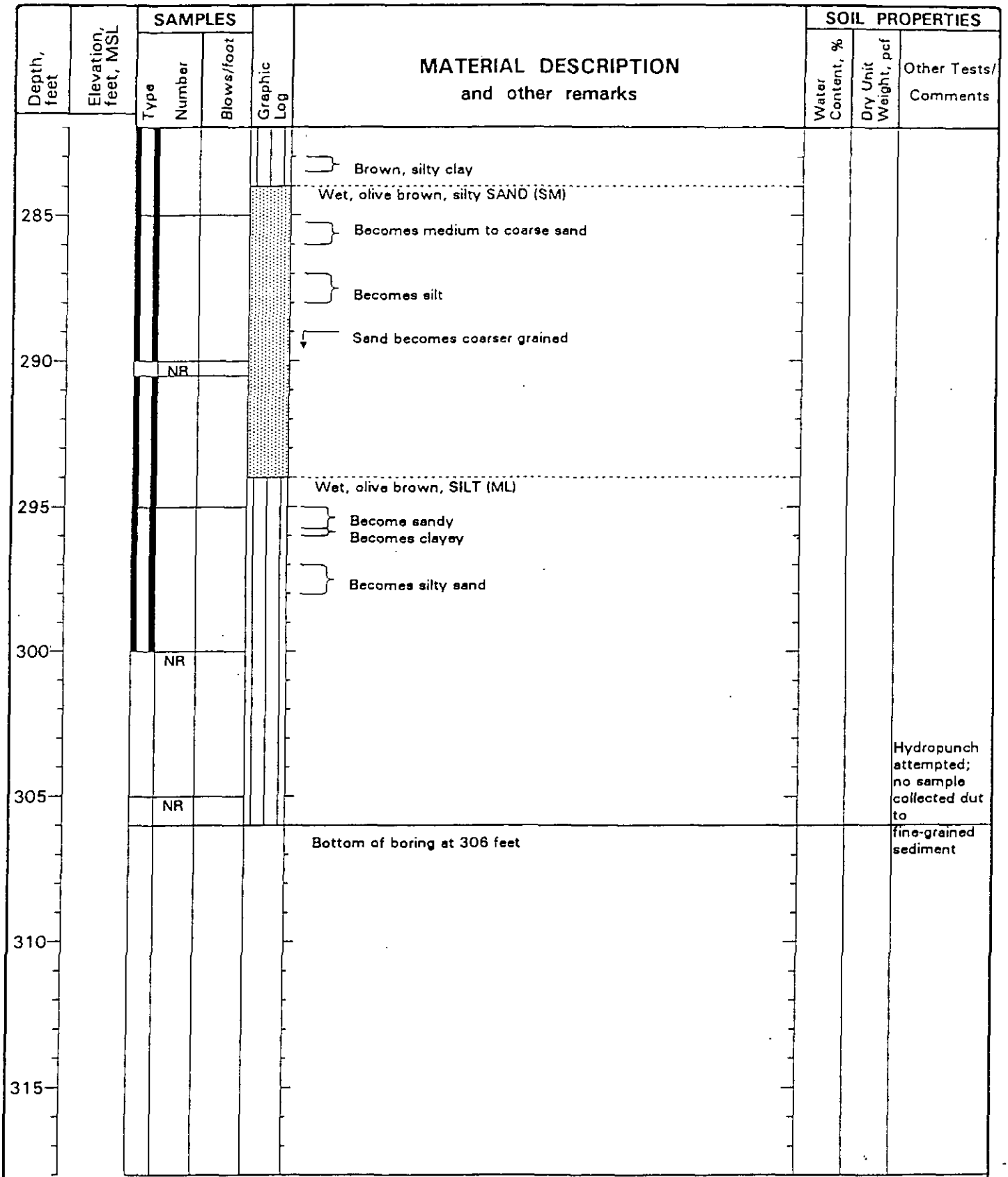


Figure B-4

URS Greiner Woodward Clyde

1/11/99 1GLG10 53067

Pacific Treatment
Analytical Services, Inc.

4340 Viewridge Avenue, Suite A • San Diego, CA 92123
(619) 560-7717 • Fax (619) 560-7763
Analytical Chemistry Laboratory

January 7, 1999

BF Goodrich
Attn: Rick Siordia
850 Lagoon Drive
Chula Vista, California 91910

Project Name/No.: 9853067B
Laboratory Log No.: 2168-98
Date Received: 11/03/98
Sample Matrix: Two water samples
PO No.: 9853067B

Please find the following enclosures for the above referenced project identified:

1) Analytical Report
2) QA/QC Report
4) Chain of Custody Form

.....***Certificate of Analysis***.....

Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Date of extraction, date of analysis, detection limits and dilution factor are reported for each compound analyzed. All samples were analyzed within the method required holding time from sample collection.

Data for each analytical method was evaluated by assessing the following QA/QC functions, as applicable to the methodology:

- Quality Control Standard
- Surrogate Percent Recovery
- Laboratory Control Sample (LCS) percent recoveries for all analyses
- Matrix Spike Recovery/Matrix Spike Duplicate Recovery (MSR & MSDR) and/or
- Relative Percent Difference (RPD from MSR & MSDR)

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hardcopy data report has been authorized by the following signature.

Second Original

Janis Columbo
Vice President/Laboratory Director

ANALYSIS RESULTS

CLIENT: BF GOODRICH

PROJECT NAME/No.: 9853067B
PTAS LOG #: 2168-98-1
SAMPLE ID: DB-1-HP10

DATE SAMPLED: 11/03/98
DATE RECEIVED: 11/03/98
DATE DIGESTED: 11/04-11/98*
DATE ANALYZED: 11/04-12/98
MATRIX: LIQUID

ANALYTE	PREP./ANALYSIS METHODS	REPORTING LIMIT	DF	RESULTS	UNITS
CONDUCTIVITY	SMEWW 2510 B	1	1	19,900	UMHOS/CM
TDS	SMEWW 2540 C	400	20	7,400 **	MG/L
pH	EPA 150.1	0.1	1	7.2	pH UNITS
CHLORIDE	SMEWW 4500 Cl C	0.25	5	5,700	MG/L
SULFATE	SMEWW 4500 SO4 E	50	10	488	MG/L
CALCIUM	EPA 3010/6010	2	1	91	MG/L
COPPER	EPA 3010/6010	0.05	1	0.11	MG/L
IRON	EPA 3010/6010	1.0	10	73.2	MG/L
MAGNESIUM	EPA 3010/6010	10	10	284	MG/L
MANGANESE	EPA 3010/6010	0.03	1	1.18	MG/L
SODIUM	EPA 3010/6010	50	10	4,060	MG/L
ZINC	EPA 3010/6010	0.05	1	0.15	MG/L
HARDNESS	SMEWW 2340 B	10	1	1,400	MG CaCO3/L
POTASSIUM	EPA 3010/6010	50	100	214	MG/L
BORON	EPA 3010/6010	0.3	1	5.7	MG/L

DF = DILUTION FACTOR

ND = ANALYTE NOT DETECT AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* NOTE: APPLIES TO METALS ONLY.

**NOTE: UNABLE TO OBTAIN AN ACCURATE MEASUREMENT FOR TDS DUE TO HIGH TOTAL SOLIDS OF SAMPLE.

ANALYSIS RESULTS

CLIENT: BF GOODRICH

PROJECT NAME/No.: 9853067B
PTAS LOG #: 2168-98-2
SAMPLE ID: DB-1-HP24

DATE SAMPLED: 11/03/98
DATE RECEIVED: 11/03/98
DATE DIGESTED: 11/04-11/98*
DATE ANALYZED: 11/04-12/98
MATRIX: LIQUID

ANALYTE	PREP./ANALYSIS METHODS	REPORTING LIMIT	DF	RESULTS	UNITS
MBAS	SMEWW 5540 C	0.5	1	ND	MG/L
CONDUCTIVITY	SMEWW 2510 B	1	1	6,460	UMHOS/CM
TDS	SMEWW 2540 C	80	4	3,460 **	MG/L
CHLORIDE	SMEWW 4500 Cl C	0.25	5	1,760	MG/L
SULFATE	SMEWW 4500 SO4 E	25	5	354	MG/L
NITRITE AS N	SMEWW 4500 NO2 B	0.05	1	ND	MG/L
NITRITE AS N (DUP.)	SMEWW 4500 NO2 B	0.05	1	ND	MG/L
NITRATE AS N	SMEWW 4500 NO3 E	1.0	10	10.9	MG/L
FLUORIDE	SMEWW 4500 F C	0.1	1	5.1	MG/L
ALKALINITY	SMEWW 2320 B	5	1	1,960	MG CaCO3/L
CALCIUM	EPA 3010/6010	2	1	97	MG/L
COPPER	EPA 3010/6010	0.05	1	0.08	MG/L
IRON	EPA 3010/6010	1.0	10	25.2	MG/L
MAGNESIUM	EPA 3010/6010	10	10	171	MG/L
MANGANESE	EPA 3010/6010	0.03	1	0.59	MG/L
SODIUM	EPA 3010/6010	50	10	1,070	MG/L
ZINC	EPA 3010/6010	0.05	1	0.05	MG/L
HARDNESS	SMEWW 2340 B	10	1	946	MG CaCO3/L
POTASSIUM	EPA 3010/6010	5	10	163	MG/L
BORON	EPA 3010/6010	0.3 **	1	0.7	MG/L

DF = DILUTION FACTOR

ND = ANALYTE NOT DETECT AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* NOTE: APPLIES TO METALS ONLY.

**NOTE: UNABLE TO OBTAIN AN ACCURATE MEASUREMENT FOR TDS DUE TO HIGH TOTAL SOLIDS OF SAMPLE.

QA/QC REPORT			
QA/QC SAMPLE:	ERA 9980,9981		
DATE ANALYZED:	11/03-07/98		
SPIKED ANALYTE	TV	DV	AR
pH	9.09	8.90	8.89 - 9.29
ALKALINITY	126	134	112-140

QA/QC REPORT			
QA/QC SAMPLE:	ERA 9980, 9981		
DATE ANALYZED:	11/04-06/98		
SPIKED ANALYTE	TV	DV	%R
TDS	1080	985	91
CONDUCTIVITY	733	723	99

QA/QC REPORT						
DATE ANALYZED:	11/04-12/98				ACCEPTABLE LCS,MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
MBAS	110	95	107	14	80-120	< 20
SULFATE	91	93	94	1	80-120	< 20
NITRITE AS N	101	99	101	2	80-120	< 20
NITRATE AS N	91	92	98	6	80-120	< 20
FLUORIDE	105	90	90	0	80-120	< 20
CHLORIDE	99	95	95	0	80-120	< 20
CALCIUM	93	88	88	0	75-125	< 20
COPPER	97	96	93	3	75-125	< 20
IRON	99	99	97	2	75-125	< 20
MAGNESIUM	91	87	86	1	75-125	< 20
MANGANESE	99	98	95	3	75-125	< 20
SODIUM	101	*	*		75-125	< 20
ZINC	87	81	80	1	75-125	< 20
POTASSIUM	89	*	*	*	75-125	< 20
BORON	83	89	88	1	75-125	< 20

TV = TRUE VALUE

DV = DETERMINED VALUE

AR = ACCEPTABLE RANGE

% R = PERCENT RECOVERY

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

LCSD % R = LABORTORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

MS % R = MATRIX SPIKE PERCENT RECOVERY

MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: NO RECOVERY REPORTABLE DUE TO NECESSARY DILUTION OF SAMPLE SPIKED. A DUPLICATE LCS S WITH THE SAMPLE BATCH AND THE RESULTING RECOVERYAND RPD MET OR EXCEEDED ACCEPTAN LCSD % R FOR SODIUM = 101%, AND LCSD % R FOR POTASSIUM = 89%

ASAP

Pacific Treatment Analytical Services, Inc.

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Avenue, Suite A San Diego, CA 92123 Phone (619) 560-7717 Fax (619) 560-7763

2168-98 PTAS LOG #

98 NOV 3 P4: PTAS DATE/TIME STAMP

Client: BFGoodrich

Address: 850 Lagoon Dr
Chula Vista, CA 91910

Attn: Rick Siordia Phone: 691-4279

Sampled by: K. Shirley Fax: 691-3597

Billing Address: (above) Attn: Rick Bill WMC

Project: 9853067B PO #:

Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*	PTAS ID #
DB-1-HP10	11/3/98	0730	water	2	plastic	1
DB-1-HP24	11/3/98	1130	↓	↓	↓	2
						3
						4
						5
						6
						7
						8
						9
						10

REQUESTED ANALYSIS

418.1 (TRPH)	TPH (DHS) Gas__ Diesel__	601/8020 BTXE__ MTBE__	601/8010 (Purgeable Halocarbons)	608/8080 PCBs__ Pesticides__	624/8240/8260 (Volatile Organics)	625/8270 (Semi Volatile Organics)	TTLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals__ Organics__	Cd Cr Cu Pb Ni Ag Zn	pH EC TSS O&G	pH & TDS only (hold for other general minerals	General Minerals + pH
												X	X

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No (N/A) Correct Containers: (Yes) No

Sample(s): (Cold) Ambient Warm VOAs w/ZHS: Yes No (N/A)

All Samples Properly Preserved: (Yes) No N/A

Disposal: (N/C,(aqueous)) * PTAS (@$5.00/sample) Return

Turnaround Time: 24 hr 48 hr 3 day 4 day (Normal) based on analysis

Comments: Fax results to R. Siordia (691-3597) & Bob Scott (293-7920).

RELINQUISHED BY	DATE/TIME	RECEIVED BY
Signature Katy Shirley	11/3/98 12:30	Signature J. Edwards
Print Katy Shirley		Print J. Edwards
Company Woodward-Clyde		Company PTAS
Signature J. Edwards	11/3/98 4:51	Signature John M. Sullivan
Print J. Edwards		Print SHAWN SULLIVAN
Company PTAS		Company PTAS
Signature		Signature
Print		Print
Company		Company

* PTAS reserves the right to return samples that don't match our waste profile.

White - PTAS Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples) (Rev. 5/97)

Pacific Treatment
Analytical Services, Inc.

4340 Viewridge Avenue, Suite A • San Diego, CA 92123
(619) 560-7717 • Fax (619) 560-7763
Analytical Chemistry Laboratory

January 7, 1999

BF Goodrich
Attn.: Rick Siordia
850 Lagoon Drive
Chula Vista, California 91910-2098

Project Name/No.: 9853067B
Laboratory Log No.: 2175-98
Date Received: 11/04/98
Sample Matrix: One water sample
PO No.: 9853067B

Please find the following enclosures for the above referenced project identified:

1) Analytical Report
2) QA/QC Report
3) Chain of Custody Form

Note: Insufficient sample size provided. Unable to perform nitrite and fluoride analysis.

Certificate of Analysis

Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Date of extraction, date of analysis, detection limits and dilution factor are reported for each compound analyzed. All samples were analyzed within the method required holding time from sample collection.

Data for each analytical method was evaluated by assessing the following QA/QC functions, as applicable to the methodology:

- Quality Control Standard
- Surrogate Percent Recovery
- Laboratory Control Sample (LCS) percent recoveries for all analyses
- Matrix Spike Recovery/Matrix Spike Duplicate Recovery (MSR & MSDR) and/or
- Relative Percent Difference (RPD from MSR & MSDR)

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hardcopy data report has been authorized by the following signature.

Second Original

Janis Columbo
Vice President/Laboratory Director

ANALYSIS RESULTS

CLIENT: BF GOODRICH

PROJECT NAME/No.: 9853067B
PTAS LOG #: 2175-98-1
SAMPLE ID: DB-1-HP60

DATE SAMPLED: 11/04/98
DATE RECEIVED: 11/04/98
DATE DIGESTED: 11/09/98*
DATE ANALYZED: 11/04-12/98
MATRIX: WATER

ANALYTE	PREP./ANALYSIS METHODS	REPORTING LIMIT	DF	RESULTS	UNITS
ALKALINITY	SMEWW 2320 B	5	1	5,280	MG CaCO3/L
CONDUCTIVITY	SMEWW 2510 B	1	1	2,350	UMHOS/CM
TDS	SMEWW 2540 C	134	7	1,460 **	MG/L
pH	EPA 150.1	0.1	1	8.5	pH UNITS
CHLORIDE	SMEWW 4500 Cl C	0.25	5	560	MG/L
SULFATE	SMEWW 4500 SO4 E	25	5	359	MG/L
MBAS	SMEWW 5540 C	2.0	4 ***	ND	MG/L
NITRATE AS N	SMEWW 4500 NO3 E	0.5	5	4.9	MG/L
CALCIUM	EPA 3010/6010	100	50	2,910	MG/L
COPPER	EPA 3010/6010	0.05	1	8.31	MG/L
IRON	EPA 3010/6010	500	5,000	5,580	MG/L
MAGNESIUM	EPA 3010/6010	50	50	2,960	MG/L
MANGANESE	EPA 3010/6010	0.03	1	54	MG/L
SODIUM	EPA 3010/6010	5	5	570	MG/L
ZINC	EPA 3010/6010	0.05	1	12	MG/L
HARDNESS	SMEWW 2340 B	10	1	19,500	MG CaCO3/L
POTASSIUM	EPA 3010/6010	50	100	896	MG/L
BORON	EPA 3010/6010	0.2	5	4.0	MG/L

DF = DILUTION FACTOR
ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* NOTE: APPLIES TO METALS ONLY.

** NOTE: UNABLE TO OBTAIN AN ACCURATE MEASUREMENT FOR TDS DUE TO HIGH TOTAL SOLIDS OF SAMPLE.

*** NOTE: INCREASED DILUTION FACTOR DUE TO LIMITED SAMPLE VOLUME PROVIDED.

QA/QC REPORT			
QA/QC SAMPLE: ERA 9980			
DATE ANALYZED: 11/04/98			
SPIKED ANALYTE	**TV**	**DV**	**AR**
pH	9.09	8.94	8.89 - 9.29

QA/QC REPORT			
QA/QC SAMPLE: ERA 9981, 9980			
DATE ANALYZED: 11/06-09/98			
SPIKED ANALYTE	**TV**	**DV**	**%R**
ALKALINITY	126	134	105
CONDUCTIVITY	1380	1375	100
TDS	583	535	92

QA/QC REPORT					
DATE ANALYZED: 11/06/98				**ACCEPTABLE LCS,MS/MSD CRITERIA**	**ACCEPTABLE RPD CRITERIA**
SPIKED ANALYTE	**LCS % R**	**LCSD % R**	**RPD**	**%**	**%**
MBAS	103	99	4	80-120	< 20

TV = TRUE VALUE

DV = DETERMINED VALUE

AR = ACCEPTABLE RANGE

% R = PERCENT RECOVERY

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

QA/QC REPORT						
DATE ANALYZED: 11/05-12/98					ACCEPTABLE LCS,MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
CHLORIDE	99	95	95	0	80-120	< 20
SULFATE	97	91	93	2	80-120	< 20
NITRATE AS N	98	92	92	0	80-120	< 20
CALCIUM	89	*	*	*	75-125	< 20
COPPER	101	90	94	4	75-125	< 20
IRON	107	*	*	*	75-125	< 20
MAGNESIUM	89	*	*	*	75-125	< 20
MANGANESE	100	86	93	8	75-125	< 20
SODIUM	98	*	*	*	75-125	< 20
ZINC	102	91	95	4	75-125	< 20
POTASSIUM	85	*	*	*	75-125	< 20
BORON	84	77	77	0	75-125	< 20

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY
MS % R = MATRIX SPIKE PERCENT RECOVERY
MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY
RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: NO RECOVERY REPORTABLE DUE TO NECESSARY DILUTION OF SAMPLE SPIKED. A DUPLICATE LCS SAMPLE WA WITH THE SAMPLE BATCH AND THE RESULTING RECOVERYAND RPD MET OR EXCEEDED ACCEPTANCE CRITER LCSD % R FOR CALCIUM = 87%, LCSD % R FOR IRON = 118%, LCSD % R FOR MAGNESIUM = 86%, LCSD % R FOR S LCSD % R FOR POTASSIUM = 87%

* IMPORTANT SEE ATTACHED SHEET *

5 - DAY

Pacific Treatment Analytical Services, Inc.

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Avenue, Suite A San Diego, CA 92123 Phone (619) 560-7717 Fax (619) 560-7763

2175-98 **PTAS LOG #**

PTAS DATE/TIME STAMP 98 NOV 4 P4:18

Client: BFGoodrich

Address: 850 Lagoon Dr
Chula Vista, CA 91910

Attn: Rick Siordia Phone: 691-4279

Sampled by: K. Shirley Fax: 691-3597

Billing Address: (above) I-pd Rick Bill WWC

Project: 98530678 PO #:

Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*	PTAS ID #
DB-1-HP60	11/4/98	1215	water	1	P	1
						2
						3
						4
						5
						6
						7
						8
						9
						10

REQUESTED ANALYSIS

418.1 (TRPH)	TPH (DHS) Gas___ Diesel___	601 / 8020 BTXE___ MTBE___	601 / 8010 (Purgeable Halocarbons)	608 / 8080 PCBs___ Pesticides___	624 / 8240 / 8260 (Volatile Organics)	625 / 8270 (Semi Volatile Organics)	TTLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals___ Organics___	Cd Cr Cu Pb Ni Ag Zn	pH EC TSS O&G	X General Minerals +potassium, boron fluoride, nitrate, nitrite
												X

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No (N/A) Correct Containers: (Yes) No

Sample(s): (Cold) Ambient Warm VOAs w/ZHS: Yes No (N/A)

All Samples Properly Preserved: Yes No (N/A)

Disposal: (N/C (aqueous)) * PTAS (@$5.00/sample) Return

Turnaround Time: 24 hr 48 hr 3 day 4 day (Normal based on analysis)

Comments: Do analyses in order provided by Bob Scott.

* SEE Attached SHEET

RELINQUISHED BY	DATE/TIME	RECEIVED BY
Signature Kathy Shirley	11/4/98 2:30	Signature J. Edwards
Print Kathy Shirley		Print J. Edwards
Company Woodward-Clyde		Company PTAS
Signature J. Edwards	11/4/98 1619	Signature Shawn Sullivan
Print J. Edwards		Print SHAWN SULLIVAN
Company PTAS		Company PTAS
Signature		Signature
Print		Print
Company		Company

* PTAS reserves the right to return samples that don't match our waste profile.

White - PTAS Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples) (Rev. 5/97)

Pacific Treatment
Analytical Services, Inc.

4340 Viewridge Avenue, Suite A • San Diego, CA 92123
(619) 560-7717 • Fax (619) 560-7763
Analytical Chemistry Laboratory

January 7, 1999

BF Goodrich
Attn.: Rick Siordia
850 Lagoon Drive
Chula Vista, California 91910-2098

Project Name/No.: 9853067B-0100
Laboratory Log No.: 2186-98
Date Received: 11/05/98
Sample Matrix: One water sample
PO No.: 9853067B

Please find the following enclosures for the above referenced project identified:

1) Analytical Report
2) QA/QC Report
3) Chain of Custody Form

.....***Certificate of Analysis***.....

Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Date of extraction, date of analysis, detection limits and dilution factor are reported for each compound analyzed. All samples were analyzed within the method required holding time from sample collection.

Data for each analytical method was evaluated by assessing the following QA/QC functions, as applicable to the methodology:

- Quality Control Standard
- Surrogate Percent Recovery
- Laboratory Control Sample (LCS) percent recoveries for all analyses
- Matrix Spike Recovery/Matrix Spike Duplicate Recovery (MSR & MSDR) and/or
- Relative Percent Difference (RPD from MSR & MSDR)

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hardcopy data report has been authorized by the following signature.

Second Original

Janis Columbo
Vice President/Laboratory Director

ANALYSIS RESULTS

CLIENT: BF GOODRICH

PROJECT NAME/No.: 9853067B-0100
PTAS LOG #: 2186-98-1
SAMPLE ID: DB-1-HP108.5

DATE SAMPLED: 11/05/98
DATE RECEIVED: 11/05/98
DATE DIGESTED: 11/09/98*
DATE ANALYZED: 11/05-12/98
MATRIX: WATER

ANALYTE	PREP./ANALYSIS METHODS	REPORTING LIMIT	DF	RESULTS	UNITS
MBAS	SMEWW 5540 C	0.5	1	ND	MG/L
CONDUCTIVITY	SMEWW 2510 B	1	1	6,050	UMHOS/CM
SULFATE	SMEWW 4500 SO4 E	25	5	356	MG/L
CHLORIDE	SMEWW 4500 Cl C	0.05	1	1,750	MG/L
CHLORIDE (DUP.)	SMEWW 4500 Cl C	0.05	1	1,760	MG/L
TDS	SMEWW 2540 C	80	4	2,790 **	MG/L
ALKALINITY	SMEWW 2320 B	5	1	192	MG CaCO3/L
ALKALINITY (DUP.)	SMEWW 2320 B	5	1	191	MG CaCO3/L
pH	EPA 150.1	0.1	1	7.7	pH UNITS
NITRITE AS N	SMEWW 4500 NO2 B	0.25	5	0.18	MG/L
NITRITE AS N (DUP.)	SMEWW 4500 NO2 B	0.25	5	0.18	MG/L
NITRATE AS N	SMEWW 4500 NO3 E	2.0	20	1.1	MG/L
NITRATE AS N (DUP.)	SMEWW 4500 NO3 E	2.0	20	1.1	MG/L
FLUORIDE	SMEWW 4500 F C	0.1	1	0.9	MG/L
CALCIUM	EPA 3010/6010	20	10	328	MG/L
COPPER	EPA 3010/6010	0.05	1	0.90	MG/L
IRON	EPA 3010/6010	10	100	422	MG/L
MAGNESIUM	EPA 3010/6010	10	10	468	MG/L
MANGANESE	EPA 3010/6010	0.03	1	4.17	MG/L
SODIUM	EPA 3010/6010	50	10	1,140	MG/L
ZINC	EPA 3010/6010	0.05	1	215	MG/L
HARDNESS	SMEWW 2340 B	10	1	2,750	MG CaCO3/L
POTASSIUM	EPA 3010/6010	5	10	89	MG/L
BORON	EPA 3010/6010	0.2	1	1.0	MG/L

DF = DILUTION FACTOR
DUP. = DUPLICATE
ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* NOTE: APPLIES TO METALS ONLY.

** NOTE: UNABLE TO OBTAIN AN ACCURATE MEASUREMENT FOR TDS DUE TO HIGH TOTAL SOLIDS OF SAMPLE.

QA/QC REPORT			
QA/QC SAMPLE: ERA 9980 DATE ANALYZED: 11/05/98			
SPIKED ANALYTE	**TV**	**DV**	**AR**
pH	9.09	8.94	8.89 - 9.29

QA/QC REPORT			
QA/QC SAMPLE: ERA 9981, 9980 DATE ANALYZED: 11/06-09/98			
SPIKED ANALYTE	**TV**	**DV**	**%R**
ALKALINITY	126	134	105
CONDUCTIVITY	1380	1375	100
TDS	583	535	92

QA/QC REPORT					
DATE ANALYZED: 11/06/98				**ACCEPTABLE LCS,MS/MSD CRITERIA**	**ACCEPTABLE RPD CRITERIA**
SPIKED ANALYTE	**LCS % R**	**LCSD % R**	**RPD**	**%**	**%**
MBAS	103	99	4	80-120	< 20

TV = TRUE VALUE

DV = DETERMINED VALUE

AR = ACCEPTABLE RANGE

% R = PERCENT RECOVERY

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

QA/QC REPORT						
DATE ANALYZED: 11/06-12/98					ACCEPTABLE LCS,MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
SULFATE	94	91	93	2	80-120	< 20
CHLORIDE	99	101	101	0	80-120	< 20
NITRITE AS N	100	99	98	1	80-120	< 20
NITRATE AS N	98	92	92	0	80-120	< 20
FLUORIDE	105	90	90	0	80-120	< 20
CALCIUM	89	*	*	*	75-125	< 20
COPPER	101	90	94	4	75-125	< 20
IRON	107	*	*	*	75-125	< 20
MAGNESIUM	89	*	*	*	75-125	< 20
MANGANESE	100	86	93	8	75-125	< 20
SODIUM	98	*	*	*	75-125	< 20
ZINC	102	91	95	4	75-125	< 20
POTASSIUM	85	*	*	*	75-125	< 20
BORON	84	77	77	0	75-125	< 20

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY
MS % R = MATRIX SPIKE PERCENT RECOVERY
MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY
RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: NO RECOVERY REPORTABLE DUE TO NECESSARY DILUTION OF SAMPLE SPIKED. A DUPLICATE LCS SAMPLE WA WITH THE SAMPLE BATCH AND THE RESULTING RECOVERYAND RPD MET OR EXCEEDED ACCEPTANCE CRITER LCSD % R FOR CALCIUM = 87%, LCSD % R FOR IRON = 118%, LCSD % R FOR MAGNESIUM = 86%, LCSD % R FOR S LCSD % R FOR POTASSIUM = 87%

Pacific Treatment Analytical Services, Inc.

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Avenue, Suite A San Diego, CA 92123 Phone (619) 560-7717 Fax (619) 560-7763

* 48 hr.

48 HR

2186-98 PTAS LOG #

98 NOV 5 P4:54 PTAS DATE/TIME STAMP

Client: BFGoodrich

Address: 850 Lagoon Dr
Chula Vista, CA 91910

Attn: Rick Siordia Phone: 691-4279

Sampled by: K. Shirley Fax: 691-3597

Billing Address: (above) Per Rick Hill LOUIC

Project: 9853067B-0100 PO #:

Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*	PTAS ID #
DB-1-HP108.5	11/5/98	1100	Water	2	P	1
						2
						3
						4
						5
						6
						7
						8
						9
						10

REQUESTED ANALYSIS

418.1 (TRPH)	TPH (DHS) Gas__ Diesel__	601 / 8020 BTXE__ MTBE__	601 / 8010 (Purgeable Halocarbons)	608 / 8080 PCBs__ Pesticides__	624 / 8240 / 8260 (Volatile Organics)	625 / 8270 (Semi Volatile Organics)	TTLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals__ Organics__	Cd Cr Cu Pb Ni Ag Zn	pH EC TSS O&G	General Minerals + potassium, boron, fluoride, nitrate										
												X										

*Container Types: B=Brass Tube; V=VOA; G=Glass; (P=Plastic); O=Other (list)

Tamper-Proof Seals Intact: Yes No (N/A) Correct Containers: (Yes) No

Sample(s): (Cold) Ambient Warm VOAs w/ZHS: Yes No (N/A)

All Samples Properly Preserved: (Yes) No N/A

Disposal: (N/C (aqueous)) * PTAS (@$5.00/sample) Return

Turnaround Time: 24 hr (48 hr) 3 day 4 day Normal

* Comments: Rush @ 48 hr
Fax results to Bob Scott 293-7920
& Rick Siordia

RELINQUISHED BY	DATE/TIME	RECEIVED BY
Signature Kathy Shirley	11/5/98 3:30	Signature J. Edwards
Print Kathy Shirley		Print J. Edwards
Company Woodward-Clyde		Company PTAS
Signature J. Edwards	11/5/98 4:50	Signature Shawn M Sullivan
Print J. Edwards		Print SHAWN SULLIVAN
Company PTAS		Company PTAS
Signature		Signature
Print		Print
Company		Company

* PTAS reserves the right to return samples that don't match our waste profile.

White - PTAS Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples) (Rev. 5/9

Pacific Treatment
Analytical Services, Inc.

4340 Viewridge Avenue, Suite A • San Diego, CA 92123
(619) 560-7717 • Fax (619) 560-7763
Analytical Chemistry Laboratory

January 7, 1999

BF Goodrich
Attn.: Rick Siordia
850 Lagoon Drive
Chula Vista, California 91910-2098

Project Name/No.: 9853067B-0100
Laboratory Log No.: 2186-98 (Revision)
Date Received: 11/05/98
Sample Matrix: One water sample
PO No.: 9853067B

Please find the revised report for the above referenced project. This report was revised due to a typographical error. We apologize for any inconvenience.

Second Original

Janis Columbo
Vice President/Laboratory Director

ANALYSIS RESULTS

CLIENT: BF GOODRICH

PROJECT NAME/No.: 9853067B-0100
PTAS LOG #: 2186-98-1
SAMPLE ID: DB-1-HP108.5

DATE SAMPLED: 11/05/98
DATE RECEIVED: 11/05/98
DATE DIGESTED: 11/09/98*
DATE ANALYZED: 11/05-12/98
MATRIX: WATER

ANALYTE	PREP./ANALYSIS METHODS	REPORTING LIMIT	DF	RESULTS	UNITS
MBAS	SMEWW 5540 C	0.5	1	ND	MG/L
CONDUCTIVITY	SMEWW 2510 B	1	1	6,050	UMHOS/CM
SULFATE	SMEWW 4500 SO4 E	25	5	356	MG/L
CHLORIDE	SMEWW 4500 Cl C	0.05	1	1,750	MG/L
CHLORIDE (DUP.)	SMEWW 4500 Cl C	0.05	1	1,760	MG/L
TDS	SMEWW 2540 C	80	4	2,790 **	MG/L
ALKALINITY	SMEWW 2320 B	5	1	192	MG CaCO3/L
ALKALINITY (DUP.)	SMEWW 2320 B	5	1	191	MG CaCO3/L
pH	EPA 150.1	0.1	1	7.7	pH UNITS
NITRITE AS N	SMEWW 4500 NO2 B	0.25	5	0.18	MG/L
NITRITE AS N (DUP.)	SMEWW 4500 NO2 B	0.25	5	0.18	MG/L
NITRATE AS N	SMEWW 4500 NO3 E	2.0	20	1.1	MG/L
NITRATE AS N (DUP.)	SMEWW 4500 NO3 E	2.0	20	1.1	MG/L
FLUORIDE	SMEWW 4500 F C	0.1	1	0.9	MG/L
CALCIUM	EPA 3010/6010	20	10	328	MG/L
COPPER	EPA 3010/6010	0.05	1	0.90	MG/L
IRON	EPA 3010/6010	10	100	422	MG/L
MAGNESIUM	EPA 3010/6010	10	10	468	MG/L
MANGANESE	EPA 3010/6010	0.03	1	4.17	MG/L
SODIUM	EPA 3010/6010	50	10	1,140	MG/L
ZINC	EPA 3010/6010	0.05	1	2.15	MG/L
HARDNESS	SMEWW 2340 B	10	1	2,750	MG CaCO3/L
POTASSIUM	EPA 3010/6010	5	10	89	MG/L
BORON	EPA 3010/6010	0.2	1	1.0	MG/L

DF = DILUTION FACTOR
DUP. = DUPLICATE
ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT
REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* *NOTE: APPLIES TO METALS ONLY.*

** NOTE: UNABLE TO OBTAIN AN ACCURATE MEASUREMENT FOR TDS DUE TO HIGH TOTAL SOLIDS OF SAMPLE.

QA/QC REPORT			
QA/QC SAMPLE: ERA 9980			
DATE ANALYZED: 11/05/98			
SPIKED ANALYTE	**TV**	**DV**	**AR**
pH	9.09	8.94	8.89 - 9.29

QA/QC REPORT			
QA/QC SAMPLE: ERA 9981, 9980			
DATE ANALYZED: 11/06-09/98			
SPIKED ANALYTE	**TV**	**DV**	**%R**
ALKALINITY	126	134	105
CONDUCTIVITY	1380	1375	100
TDS	583	535	92

QA/QC REPORT					
DATE ANALYZED: 11/06/98				**ACCEPTABLE LCS,MS/MSD CRITERIA**	**ACCEPTABLE RPD CRITERIA**
SPIKED ANALYTE	**LCS % R**	**LCSD % R**	**RPD**	**%**	**%**
MBAS	103	99	4	80-120	< 20

TV = TRUE VALUE

DV = DETERMINED VALUE

AR = ACCEPTABLE RANGE

% R = PERCENT RECOVERY

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

QA/QC REPORT						
DATE ANALYZED: 11/06-12/98					ACCEPTABLE LCS,MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
SULFATE	94	91	93	2	80-120	< 20
CHLORIDE	99	101	101	0	80-120	< 20
NITRITE AS N	100	99	98	1	80-120	< 20
NITRATE AS N	98	92	92	0	80-120	< 20
FLUORIDE	105	90	90	0	80-120	< 20
CALCIUM	89	*	*	*	75-125	< 20
COPPER	101	90	94	4	75-125	< 20
IRON	107	*	*	*	75-125	< 20
MAGNESIUM	89	*	*	*	75-125	< 20
MANGANESE	100	86	93	8	75-125	< 20
SODIUM	98	*	*	*	75-125	< 20
ZINC	102	91	95	4	75-125	< 20
POTASSIUM	85	*	*	*	75-125	< 20
BORON	84	77	77	0	75-125	< 20

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY
MS % R = MATRIX SPIKE PERCENT RECOVERY
MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY
RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: NO RECOVERY REPORTABLE DUE TO NECESSARY DILUTION OF SAMPLE SPIKED. A DUPLICATE LCS SAMPLE WA WITH THE SAMPLE BATCH AND THE RESULTING RECOVERYAND RPD MET OR EXCEEDED ACCEPTANCE CRITER LCSD % R FOR CALCIUM = 87%, LCSD % R FOR IRON = 118%, LCSD % R FOR MAGNESIUM = 86%, LCSD % R FOR S LCSD % R FOR POTASSIUM = 87%

Pacific Treatment Analytical Services, Inc.

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Avenue, Suite A San Diego, CA 92123 Phone (619) 560-7717 Fax (619) 560-7763

* 48 hr.

48 HR

98 NOV 5 P4:54

2186-98 PTAS LOG # PTAS DATE/TIME STAMP

Client: BFGoodrich

Address: 850 Lagoon Dr
Chula Vista, CA 91910

Attn: Rick Siordia Phone: 691-4279

Sampled by: K. Shirley Fax: 691-3597

Billing Address: (above) per Rick will WWC

Project: 9853067B-0100 PO #:

Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*	PTAS ID #
DB-1-HP108.5	11/5/98	1100	water	2	P	1
						2
						3
						4
						5
						6
						7
						8
						9
						10

REQUESTED ANALYSIS

418.1 (TRPH)	TPH (DHS) Gas___ Diesel___	601/8020 BTXE___ MTBE___	601/8010 (Purgeable Halocarbons)	608/8080 PCBs___ Pesticides___	624/8240/8260 (Volatile Organics)	625/8270 (Semi Volatile Organics)	TTLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals___ Organics___	Cd Cr Cu Pb Ni Ag Zn	pH EC TSS O&G	General Minerals + potassium, boron, fluoride, nitrate												
												X												

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No (N/A) Correct Containers: (Yes) No

Sample(s): (Cold) Ambient Warm VOAs w/ZHS: Yes No (N/A)

All Samples Properly Preserved: (Yes) No N/A

Disposal: (N/C (aqueous)) * PTAS (@$5.00/sample) Return

Turnaround Time: 24 hr (48 hr) 3 day 4 day Normal

* Comments: Rush 48 hr
Fax results to Bob Scott 293-7920
& Rick Siordia

	RELINQUISHED BY	DATE/TIME	RECEIVED BY
Signature	Kathy Shirley	11/5/98	J. Edwards
Print	Kathy Shirley	3:30	J. Edwards
Company	Woodward-Clyde		PTAS
Signature	J. Edwards	11/5/98	Shawn Sullivan
Print	J. Edwards	4:54	SHAWN SULLIVAN
Company	PTAS		PTAS
Signature			
Print			
Company			

* ... samples that don't match our waste profile.

White - PTAS Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples) (Rev. 5/97

Pacific Treatment
Analytical Services, Inc.
4340 Viewridge Avenue, Suite A • San Diego, CA 92123
(619) 560-7717 • Fax (619) 560-7763
Analytical Chemistry Laboratory

January 7, 1999

BF Goodrich
Attn: Rick Siordia
850 Lagoon Drive
Chula Vista, California 91910

Project Name/No.: 9853067B-0200
Laboratory Log No.: 2284-98
Date Received: 11/23/98
Sample Matrix: One water sample
PO No.: 9853067B-0200

Please find the following enclosures for the above referenced project identified:

1) Analytical Report
2) QA/QC Report
4) Chain of Custody Form

Certificate of Analysis

Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Date of extraction, date of analysis, detection limits and dilution factor are reported for each compound analyzed.

Data for each analytical method was evaluated by assessing the following QA/QC functions, as applicable to the methodology:

- Quality Control Standard
- Surrogate Percent Recovery
- Laboratory Control Sample (LCS) percent recoveries for all analyses
- Matrix Spike Recovery/Matrix Spike Duplicate Recovery (MSR & MSDR) and/or
- Relative Percent Difference (RPD from MSR & MSDR)

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hardcopy data report has been authorized by the following signature.

Second Original

Janis Columbo
Vice President/Laboratory Director

ANALYSIS RESULTS

CLIENT: B F GOODRICH

PROJECT NAME/No.: 9853067B-0200
PTAS LOG #: 2284-98-1
SAMPLE ID: DB-2-HP77

DATE SAMPLED: 11/22/98
DATE RECEIVED: 11/23/98
DATE DIGESTED: 11/23/98*
DATE ANALYZED: 11/23-12/02/98
MATRIX: LIQUID

ANALYTE	PREP./ANALYSIS METHODS	REPORTING LIMITS	DF	RESULTS	UNITS
ALKALINITY	SMEWW 2320 B	5	1	234	MG CaCO3/L
CONDUCTIVITY	SMEWW 2510 B	1	1	5,720	UMHOS/CM
MBAS	SMEWW 5540 C	0.5	1	0.5	MG/L
TDS	SMEWW 2540 C	20	1	3,700	MG/L
pH	EPA 150.1	0.1	1	7.2	pH UNITS
CHLORIDE	SMEWW 4500 Cl C	0.05	1	1,690	MG/L
SULFATE	SMEWW 4500 SO4 E	25	5	350	MG/L
CALCIUM	EPA 3010/6010	20	10	342	MG/L
COPPER	EPA 3010/6010	0.05	1	ND	MG/L
IRON	EPA 3010/6010	0.1	1	3.0	MG/L
MAGNESIUM	EPA 3010/6010	10	10	168	MG/L
MANGANESE	EPA 3010/6010	0.03	1	0.16	MG/L
SODIUM	EPA 3010/6010	50	10	694	MG/L
ZINC	EPA 3010/6010	0.05	1	ND	MG/L
HARDNESS	SMEWW 2340 B	10	1	1,550	MG CaCO3/L
POTASSIUM	EPA 3010/6010	0.5	1	7.7	MG/L
BORON	EPA 3010/6010	0.5	1	ND	MG/L
FLUORIDE	SMEWW 4500 F C	0.1	1	0.3	MG/L
FLUORIDE (DUP.)	SMEWW 4500 F C	0.1	1	0.3	MG/L
NITRATE AS N	SMEWW 4500 NO3	0.1	1	21.0	MG/L
NITRITE AS N	SMEWW 4500 NO2	0.05	1	ND	MG/L

DF = DILUTION FACTOR

DUP. = DUPLICATE

ND = ANALYTE NOT DETECTED AT OR ABOVE THE INDICATED REPORTING LIMIT

REPORTING LIMITS AND RESULTS HAVE BEEN ADJUSTED ACCORDINGLY TO ACCOUNT FOR DILUTION FACTOR.

* NOTE: APPLIES TO METALS ONLY.

QA/QC REPORT			
QA/QC SAMPLE:	ERA 9981		
DATE ANALYZED:	11/23/98		
SPIKED ANALYTE	TV	DV	AR
pH	9.05	8.86	8.85 - 9.25

QA/QC REPORT			
QA/QC SAMPLE:	ERA 9981, 9979		
DATE ANALYZED:	11/23/98		
SPIKED ANALYTE	TV	DV	%R
TDS	583	600	103
ALKALINITY	157	161	99
CONDUCTIVITY	733	724	99

QA/QC REPORT					
DATE ANALYZED:	11/24/98			ACCEPTABLE LCS/LCSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	LCSD %	RPD	%	%
MBAS	99	101	2	80-120	< 20

TV = TRUE VALUE
DV = DETERMINED VALUE
AR = ACCEPTABLE RANGE
% R = PERCENT RECOVERY
LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY
LCSD % R = LABORATORY CONTROL SAMPLE DUPLICATE PERCENT RECOVERY

QA/QC REPORT						
DATE ANALYZED:	11/23-30/98				ACCEPTABLE LCS,MS/MSD CRITERIA	ACCEPTABLE RPD CRITERIA
SPIKED ANALYTE	LCS % R	MS % R	MSD % R	RPD	%	%
FLUORIDE	99	88	88	0	80-120	< 20
CHLORIDE	100	99	99	0	80-120	< 20
NITRITE AS N	103	95	96	1	80-120	< 20
NITRATE AS N	94	89	87	2	80-120	< 20
SULFATE	92	95	93	2	80-120	< 20
CALCIUM	93	*	*	*	75-125	< 20
COPPER	98	95	92	3	75-125	< 20
IRON	98	85	82	4	75-125	< 20
MAGNESIUM	90	*	*	*	75-125	< 20
MANGANESE	97	90	88	2	75-125	< 20
SODIUM	101	*	*	*	75-125	< 20
ZINC	97	92	91	1	75-125	< 20
POTASSIUM	86	87	86	1	75-125	< 20
BORON	85	80	80	0	75-125	< 20

TV = TRUE VALUE

DV = DETERMINED VALUE

AR = ACCEPTABLE RANGE

% R = PERCENT RECOVERY

LCS % R = LABORATORY CONTROL SAMPLE PERCENT RECOVERY

MS % R = MATRIX SPIKE PERCENT RECOVERY

MSD % R = MATRIX SPIKE DUPLICATE PERCENT RECOVERY

RPD = RELATIVE PERCENT DIFFERENCE

* NOTE: NO RECOVERY REPORTABLE DUE TO NECESSARY DILUTION OF SAMPLE SPIKED. A DUPLICATE LCS SAMPLE WAS ANALYZED WITH THE SAMPLE BATCH AND THE RESULTING RECOVERY AND RPD MET OR EXCEEDED ACCEPTANCE CRITERIA. LCSD %R FOR CALCIUM = 89%, LCSD % R FOR MAGNESIUM = 88%, AND LCSD % R FOR SODIUM = 99%.

Pacific Treatment Analytical Services, Inc.

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Avenue, Suite A San Diego, CA 92123 Phone (619) 560-7717 Fax (619) 560-7763

2284-98 PTAS LOG #

PTAS DATE/TIME STAMP 98 NOV 23 A 9:21

Client: BFGoodrich

Address: 850 Lagoon Dr
Chula Vista, CA 91910

Attn: Rick Siordia Phone: 691-4279

Sampled by: Katy Shirley Fax: 691-3597

Billing Address: bill Woodward-Clyde
1615 Murray Canyon Rd, Suite 1000
San Diego, CA 92108

Project: 98530678-0200 PO #: 98530678-0200

REQUESTED ANALYSIS

Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*	PTAS ID #	418.1 (TRPH)	TPH (DHS) Gas__ Diesel__	601 / 8020 BTXE__ MTBE__	601 / 8010 (Purgeable Halocarbons)	608 / 8080 PCBs__ Pesticides__	624 / 8240 / 8260 (Volatile Organics)	625 / 8270 (Semi Volatile Organics)	TTLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals__ Organics__	Cd Cr Cu Pb Ni Ag Zn	(pH) (EC) TSS O&G (TDS)	General Minerals + Potassium, boron, fluoride, nitrate-nitrite
DB-2-HP77	11/22/98	1130	Water	2	plastic	1												X	X
						2													
						3													
						4													
						5													
						6													
						7													
						8													
						9													
						10													

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No (N/A) Correct Containers: (Yes) No

Sample(s): (Cold) Ambient Warm VOAs w/ZHS: Yes No (N/A)

All Samples Properly Preserved: (Yes) No N/A

Disposal: (N/C (aqueous)) * PTAS (@$5.00/sample) Return

Turnaround Time: 24 hr 48 hr 3 day 4 day (Normal) 60 AV

Comments: Fax results to ~~Bob Scott~~ Katy Shirley 293-7920
5-day turnaround
Also fax to Rick Siordia

RELINQUISHED BY	DATE/TIME	RECEIVED BY
Signature Katy Shirley	11-23-98	Signature
Print Katy Shirley	921	Print
Company WC		Company PTAS
Signature		Signature
Print		Print
Company		Company
Signature		Signature
Print		Print
Company		Company

* PTAS reserves the right to return samples that don't match our waste profile.

White - PTAS Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples) (Rev. 5/97)

Pacific Treatment
Analytical Services, Inc.
4340 Viewridge Avenue, Suite A • San Diego, CA 92123
(619) 560-7717 • Fax (619) 560-7763
Analytical Chemistry Laboratory

January 7, 1999

BF Goodrich/ROHR
Attn: Rick Siordia
850 Lagoon Drive
Chula Vista, California 91910

Project Name/No.: 9853067B-0200
Laboratory Log No.: 2290-98
Date Received: 11/23/98
Sample Matrix: One water sample
PO No.: S45575

Please find the following enclosures for the above referenced project identified:

1) Analytical Report
2) QA/QC Report
4) Chain of Custody Form

.....***Certificate of Analysis***.....

Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. Date of extraction, date of analysis, detection limits and dilution factor are reported for each compound analyzed. All samples were analyzed within the method required holding time from sample collection.

Data for each analytical method was evaluated by assessing the following QA/QC functions, as applicable to the methodology:

- Quality Control Standard
- Surrogate Percent Recovery
- Laboratory Control Sample (LCS) percent recoveries for all analyses
- Matrix Spike Recovery/Matrix Spike Duplicate Recovery (MSR & MSDR) and/or
- Relative Percent Difference (RPD from MSR & MSDR)

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hardcopy data report has been authorized by the following signature.

Second Original

Janis Columbo
Vice President/Laboratory Director

HALEY ALDRICH

www.haleyaldrich.com

BORING COMPLETION REPORT
ROHR, INC., A COLLINS AEROSPACE COMPANY
ASSESSOR PARCEL NO. 567-022-30-00
PERMIT NO. LMWP-004690

by
Haley & Aldrich, Inc.
San Diego, California

for
Rohr, Inc., a Collins Aerospace Company
Chula Vista, California

File No. 127827-022
January 2021

HALEY & ALDRICH, INC.
5333 Mission Center Road
Suite 300
San Diego, CA 92108
619.280.9210

January 6, 2021
File No. 127827-022

County of San Diego
Department of Environmental Health
P.O. Box 129261
San Diego, California 92112-9261

Attention: Well Permit Clerk

Subject: Well Destruction Report
Rohr, Inc., a Collins Aerospace Company
390 Bay Boulevard
Chula Vista, California
Assessor's Parcel No. 567-022-30-00
Permit No. LMWP-004690

Dear Well Permit Clerk:

Haley & Aldrich, Inc., is submitting this well destruction report to the County of San Diego Department of Environmental Health (DEH) for three monitoring wells (DB-2, DB-4, and DB-5) and two pressure transducers (OW-1 and OW-2) on the property associated with Assessor's Parcel Number 567-022-30-00, located at 390 Bay Boulevard at the Rohr, Inc., a Collins Aerospace Company, facility located in Chula Vista, California (Site; Figure 1). The wells and transducers were destroyed under Permit No. LMWP-004690, approved by the DEH on September 28, 2020.

Cascade Drilling, Inc., a C-57 licensed drilling company located in Upland, California, completed the destruction of the monitoring wells and pressure transducers. Wells DB-2 and DB-5 and the pressure transducers OW-1 and OW-2 were destroyed on October 19 and October 20, 2020. Well DB-5 was destroyed on November 16 and 17, 2020.

Prior to destruction, the total depth of each well was measured to identify whether the well was free of obstructions. No obstructions were observed. The monitoring wells were abandoned by pressure grouting. Each boring was backfilled from the bottom up to within approximately 5 feet below the ground surface (bgs) with cement-bentonite grout (with 5 percent bentonite by weight) mixed at a ratio of approximately 100 pounds of solids to 35 to 40 gallons of water and then pumped through a tremie pipe. The grout was placed within the screen interval and held at 30 pounds per square inch of pressure for 20 minutes.

A hollow-stem auger rig was used to overdrill the two wells with polyvinyl chloride casings (DB-2 and DB-4) so that the casings could be removed. An 8.5-inch-diameter cutting head was used to destroy and remove the upper 5 feet of casing. The upper 5 feet of well DB-5 was removed by excavating around it

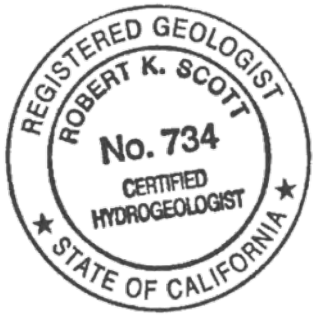
to approximately 4 feet bgs and cutting the steel casing off at 5 feet bgs using an arc welder. The upper 5 feet of the DB-2 and DB-5 boreholes were filled with bentonite chips hydrated during placement. The surface at each location was finished in concrete. Table I provides a backfill material summary for each well.

The traffic covers for the pressure transducers (OW-1 and OW-2) were removed and filled with concrete to the surface grade to abandon them. The traffic covers for monitoring wells OW-3 and OW-4, which remain on Site, were replaced in accordance with DEH guidelines. If you have any questions regarding the well destructions, please contact us.

Sincerely yours,
HALEY & ALDRICH, INC.

Robert K. Scott

Robert K. Scott, P.G., C.Hg.
Senior Associate Hydrogeologist



c: Raytheon Technologies Corporation; Attn: John Baron
Rohr, Inc., a Collins Aerospace Company; Attn: Rick Siordia
Rohr, Inc., a Collins Aerospace Company; Attn: Tyler Adkins
PSIP Wohl Properties; Attn: Emil Wohl

Attachments:
Table I – Backfill Material Summary
Figure 1 – Well Location Map

G:\127827_North Campus\022_Parcel A Well Destruction\60 Day report\2021_0106_HAI_BoringCmpltnRpt_F.docx

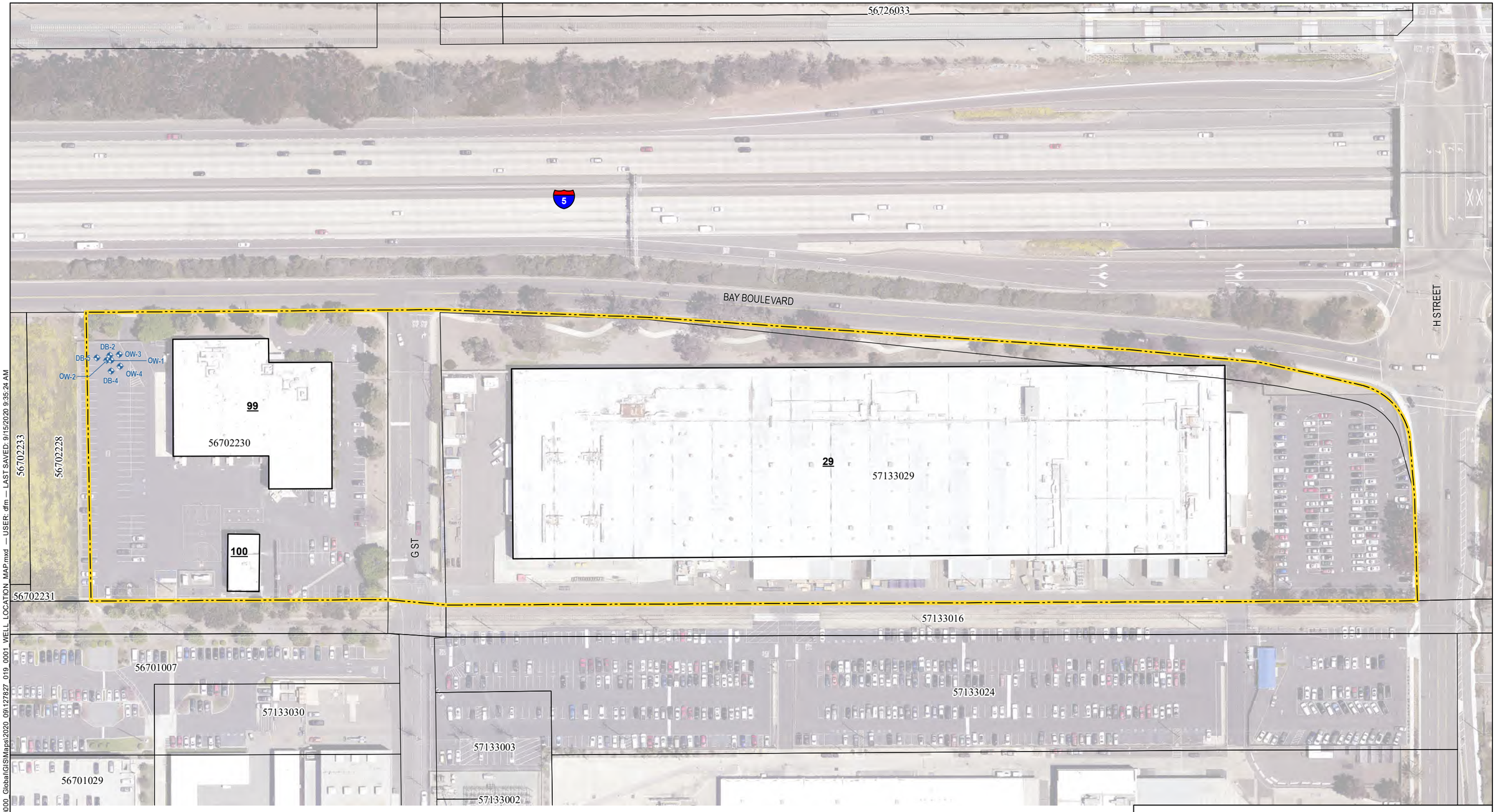
TABLE

TABLE I

BACKFILL MATERIAL SUMMARY
ROHR, INC., A COLLINS AEROSPACE COMPANY
390 BAY BOULEVARD
CHULA VISTA, CALIFORNIA

Boring ID	Depth (feet)	Diameter (inches)	Radius (feet)	Ideal Volume of Bentonite Backfill (cubic feet)	Depth (feet)	Volume of Bentonite and Concrete Backfill (cubic feet)	Estimated Volume of Grout/Concrete Backfill (gallons)	Number of Bags of TYPE II Portland Cement/Bentonite Used	Volume of Grout Concrete Backfill (cubic feet)
DB-2	200	6	0.25	9.8	198	38.9	290.7	27.0	255.0
DB-4	485	4	0.16	9.7	485	39.0	291.7	37.0	325.0
DB-5	200	6	0.25	9.8	199	39.1	292.2	33.0	305.0

FIGURE



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LEGEND

- SITE BOUNDARY
- 56701029 PARCEL BOUNDARY AND ASSESSOR'S PARCEL NUMBER
- 29 BUILDING NUMBER
- APPROXIMATE MONITORING WELL LOCATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017.
3. WELLS DB-2, DB-4 AND DB-5 AND TRANSDUCERS OW-1 AND OW-2 WERE DESTROYED UNDER PERMIT NO. LWOP-004690.
4. WELLS OW-3 AND OW-4 REMAIN.

0 120 240
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

WELL LOCATION MAP

JANUARY 2021

FIGURE 1

County of San Diego

GARY W. ERBECK
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(619) 338-2222 FAX (619) 338-2377
1-800-253-9933

RICHARD HAAS
ASSISTANT DIRECTOR

September 17, 2001

Mr. Benjamin Guerrero
City of Chula Vista
Community Development Dept.
276 Fourth Ave.
Chula Vista, CA 91910

Dear Mr. Guerrero:

VOLUNTARY ASSISTANCE PROGRAM CASE #H26520-001
350-360 BAY BLVD., CHULA VISTA

The site remediation information submitted to this agency by URS Corporation, summarizing the site characterization and mitigation activities at the above-referenced location, has been reviewed. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is the position of this office that **no further action is required at this time.**

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or the Porter Cologne Water Quality Control Act. If previously unidentified contamination is discovered which may affect public health, safety and/or water quality, additional site assessment and cleanup may be necessary.

Changes in the proposed use of the above site may require reevaluation to determine if the change will pose a risk to public health.

Thank you for your efforts in resolving this matter. Please contact Nasser Sionit of the Site Assessment and Mitigation Program (SAM), at (619) 338-2239, if you require additional assistance.

Sincerely,

GEORGE McCANDLESS, Program Manager
Supervising Environmental Health Specialist
Site Assessment and Mitigation Program

GM:NS:kd

Enclosure

cc: Regional Water Quality Control Board
Veryl Wittig, Project Geologist, URS Corporation
Rick Siordia, Rohr, Inc., c/o Arthur Anderson, L.P., Property Owner

WP/H26520-001CLO

Case Closure Summary
Non-LOP or Voluntary Assistance Program

I. AGENCY INFORMATION

DATE: September 6, 2001

Agency Name: County of San Diego, Environmental Health, SAM	Address: P.O. Box 129261
City/State/ZIP: San Diego, CA 92112-9261	Phone: (619) 338-2222 FAX: (619) 338-2377
DEH Staff Person: Nasser Sionit	Title: Project Manager

II. CASE INFORMATION

Case No. H26520-001		
Site Name: Vacant lot, Bay Blvd., Chula Vista		
Site Address: 350-360 Bay Blvd., Chula Vista, CA		
Property Owner: City of Chula Vista	Address: 276 Fourth Ave, Chula Vista, CA 91910	Phone: 619-476-5311
Responsible/Requesting Party : City of Chula Vista, Benjamin Guerrero	Environmental Services, City of Chula Vista	Phone: Same as above
Type of Case: Non-Tank Case		
RWQCB/DTSC Notification of DEH Oversight: 01-31-01		

III. SITE CHARACTERIZATION AND/OR INFORMATION

Cause and Type of Contamination: Auto wrecking lead contamination				
Site Characterization complete? Yes				
Monitoring Wells Installed? No	Total Number: N/A	Proper Screened Interval? N/A	Number of decommissioned wells: N/A	
Range of groundwater levels on the site? Estimated at 15-20 ft. BG			Groundwater Flow Direction: Unknown	
Most Sensitive Current Use: Groundwater has no existing beneficial uses for municipal and industrial, but has beneficial uses for agricultural purposes.				
Are Drinking Water Wells Affected? No		RWQCB Basin Number: Sweetwater Hydrol. Unit #909.11		
Is Surface Water Affected? No		Nearest Surface Water name: San Diego Bay		
Off-Site Beneficial Use Impacts (addresses/locations): None				

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

Material	Amount (Include Units)	Action (Treatment or Disposal w/Destination)	Date
Soil	800 Cubic Yards	Disposal to Otay Class 1 Landfill	02-05-01
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Non-LOP - Underground Storage Tank Oversight handled outside the LOP
Non-Tank – Voluntary Assistance Program

Case Closure Summary
Non-LOP or Voluntary Assistance Program

III. SITE CHARACTERIZATION AND/OR INFORMATION (Continued)

H26520-001

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS - - BEFORE AND AFTER CLEANUP

Contaminant	Soil (ppm)		Water (ppm)		Contaminant	Soil (ppm)		Water (ppm)	
	Before	After	Before	After		Before	After	Before	After
Lead	3,490	260	N/A	N/A	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

Comments: Previous site uses included agricultural farming, auto wrecking and auto repair activities. Lead containing soil was encountered during geophysical investigation of the site for development. Approximately 800 cubic yards of lead contaminated soil were excavated to a depth of two feet and disposed off site. Confirmation soil samples were collected from the perimeter and the floor of the footprint of the excavation at statistically random locations. The consultant has concluded that the mean total lead concentration in-situ soils at this site was 54 mg/kg, and the upper %95 confidence interval was 71 mg/kg, both significantly lower than the residential PRG of 400 mg/kg. According to the consultant this soil contamination does not present human health risk at this site.

IV. CLOSURE

Does completed corrective action protect existing beneficial uses per the Regional Board Basin Plan? Yes

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? Yes

Does corrective action protect public health for current land use? Yes

Case review based on current/proposed use as: Proposed light industrial with paved areas and building on concrete slabs.

Are there other issues DEH needs to follow up on: No

Site Management Requirements: Any contaminated soil excavated as part of subsurface construction work must be managed in accordance with the legal requirements at that time.

Should corrective action be reviewed if land use changes? Yes

List Enforcement Actions Taken: N/A

List Enforcement Actions Rescinded: N/A

Is this account up to date and current?: Yes

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Tony Sawyer	Title: Hydrogeologist Land and Water Quality Division
Signature: Tony V. Sawyer	Date: 9-12-01

VI. RWQCB NOTIFICATION

Date Submitted to RWQCB: VAP soil only case	RWQCB Response: —	
RWQCB Staff Name: —	Title: —	Date: —

VII. ADDITIONAL COMMENTS, DATA, ETC.

This document and the related CASE CLOSURE LETTER, shall be retained by the lead agency as part of the official site file.

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Aerostructures

Collins Aerospace
850 Lagoon Drive
Chula Vista, CA 91910-2098 USA
+1 619 691 6425 Fax: +1 619 691 2222
Roberto.Valenzuela@collins.com
www.collinsaerospace.com

Roberto Valenzuela
Sr. Director, Operations

June 13, 2022

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

Attention: Mr. Tom Alo

Subject: Data Gap Investigation Report
Rohr, Inc. – North Campus, Parcel A
850 Lagoon Drive
Chula Vista, California
SDRWQCB Reference: T0000011095:talo

Dear Mr. Alo:

Please find enclosed for your review, a copy of the subject document dated June 10, 2022 that was prepared by Haley & Aldrich, Inc. for Rohr, Inc., a Collins Aerospace Company (Rohr) for Parcel A at the site. This document is being submitted in response to Directive C.2.b of Cleanup and Abatement Order No. R9-2021-0042, issued to Rohr on July 12, 2021 by the San Diego Regional Water Quality Control Board.

"I certify under penalty of law this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

If you have any questions, please contact Tyler Adkins at (619) 691-2020.

Sincerely,

DocuSigned by:
Roberto Valenzuela
A7921F6A0E624CF...

Roberto Valenzuela
Sr. Director, Operations

HALEY ALDRICH

www.haleyaldrich.com

DATA GAP INVESTIGATION REPORT
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA
GEOTRACKER ID NO. T10000011095

by
Haley & Aldrich, Inc.
San Diego, California

for
Rohr, Inc., a Collins Aerospace Company
Chula Vista, California

File No. 127827-043
June 2022

HALEY & ALDRICH, INC.
5333 Mission Center Road
Suite 300
San Diego, CA 92108
619.280.9210

June 10, 2022
File No. 127827-043

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

Attention: Mr. Tom Alo

Subject: Data Gap Investigation Report
Rohr, Inc. - North Campus, Parcel A
Chula Vista, California
GeoTracker ID No. T10000011095

Dear Mr. Alo:

Haley & Aldrich, Inc., is submitting this Parcel A "Data Gap Investigation Report" (Report) on behalf of Rohr, Inc., a Collins Aerospace Company, (Rohr) for the North Campus at 850 Lagoon Drive in Chula Vista, California. This Report was prepared pursuant to Directive C.2.b in Cleanup and Abatement Order No. R9-2021-0042 (CAO) issued to Rohr by the San Diego Regional Water Quality Control Board (SDRWQCB) on July 12, 2021, in accordance with the optional document submittals proposed by Raytheon Technologies Corporation (Raytheon), Rohr's parent company, in its letter dated August 25, 2021.

Raytheon received the SDRWQCB's letter dated January 7, 2022, indicating that it had no further comments on the "Data Gap Investigation Work Plan" (Work Plan) submitted on December 22, 2021, to meet the requirements of Directive C.2.a in the CAO. The Work Plan was implemented in March 2022 and the last scheduled activity in the Work Plan (professional survey) was completed on March 29, 2022. As required by CAO Directive C.2.b, this Report includes the following:

- A detailed description of all activities completed to address the data gaps.
- Supporting information such as boring logs, data tables, maps, and laboratory analytical data.
- Results, conclusions, and recommendations.

Please contact the undersigned if you have any comments or questions regarding this Report.

Sincerely yours,
HALEY & ALDRICH, INC.

Robert K. Scott, PG, CHg, QISP
Senior Associate Hydrogeologist

Keith A. Foster
Senior Technical Specialist

Enclosures

c: Raytheon Technologies Corporation; Attn: Mr. John Baron
Rohr, Inc., a Collins Aerospace Company; Attn: Mr. Tyler Adkins
Wohl Property Group; Attn: Mr. Emil Wohl
GSI Environmental Inc.; Attn: Mr. Gino Bianchi-Mosquera
AECOM; Attn: Mr. Jerome Zimmerle

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HALEY & ALDRICH, INC.
5333 MISSION CENTER ROAD
SUITE 300
SAN DIEGO, CA 92108
619.280.9210

SIGNATURE PAGE FOR

DATA GAP INVESTIGATION REPORT
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

PREPARED FOR
ROHR, INC., A COLLINS AEROSPACE COMPANY
CHULA VISTA, CALIFORNIA

PREPARED BY:

Keith A. Foster
Senior Technical Specialist

REVIEWED AND APPROVED BY:

Mehdi Miremadi
Principal
Haley & Aldrich, Inc.

Robert K. Scott, PG, CHg, QISP
Senior Associate Hydrogeologist
Haley & Aldrich, Inc.

REGISTERED GEOLOGIST
ROBERT K. SCOTT
No. 734
CERTIFIED HYDROGEOLOGIST
STATE OF CALIFORNIA

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List of Abbreviations

Abbreviation	Definition
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichlorethene
1,1,1-TCA	1,1,1-trichloroethane
bgs	below ground surface
CAO	Cleanup and Abatement Order No. R9-2021-0042
cis-1,2-DCE	cis-1,2-dichloroethene
City	the City of Chula Vista
DEHQ	San Diego Department of Environmental Health and Quality
DEMP	Demolition and Environmental Monitoring Plan
DTSC-SL	California Department of Toxic Substances Control – Screening Level
EPA	U.S. Environmental Protection Agency
GPL	Groundwater Protection Level
GSI	GSI Environmental Inc.
H&P	H&P Environmental Geochemistry
Haley & Aldrich	Haley & Aldrich, Inc.
HBRGs	Health-Based Remediation Goals
HHRA	human health risk assessment
MCL	Maximum Contaminant Level
mg/kg	milligrams per kilogram
MSL	mean sea level
OEHHA	Office of Environmental Health Hazard Assessment
Owner	PSIP Wohl Bay Boulevard LLC
PCE	tetrachloroethene
PSA	Purchase and Sale Agreement
PVC	polyvinyl chloride
Raytheon	Raytheon Technologies Corporation
Report	“Data Gap Investigation Report”
Revised Updated CSM	“Revised Updated Sitewide Conceptual Site Model”

List of Abbreviations

Abbreviation	Definition
RMP	Risk Management Plan
Rohr	Rohr, Inc., a Collins Aerospace Company
SAM Manual	Site Assessment and Mitigation Manual
SDRWQCB	San Diego Regional Water Quality Control Board
Site	North Campus, 850 Lagoon Drive, Chula Vista, California
Soil/Soil Gas CSM	“Revised Conceptual Site Model“
SSDS	sub-slab depressurization system
TCE	trichloroethene
TTLC	Total Threshold Limit Concentration
USCS	Unified Soil Classification System
VOCs	volatile organic compounds
Work Plan	“Data Gap Investigation Work Plan”

1. Background

Haley & Aldrich, Inc., (Haley & Aldrich) is submitting this "Data Gap Investigation Report" (Report) on behalf of Rohr, Inc., a Collins Aerospace Company, (Rohr) for Parcel A at 850 Lagoon Drive in Chula Vista, California ([Site]; Figure 1). This Report was prepared pursuant to Directive C.2.b in Cleanup and Abatement Order No. R9-2021-0042 (CAO) issued to Rohr by the San Diego Regional Water Quality Control Board (SDRWQCB) on July 12, 2021, and in accordance with Raytheon Technologies Corporation's (Raytheon) letter to the SDRWQCB dated August 25, 2021. This letter described the optional document submittals proposed by Raytheon under Directive L.1 to comply with the CAO. This is one of three data gap investigations to be completed to meet Directive C.2.b.

This Report summarizes the results of our data gap investigation described in the "Revised Data Gap Investigation Work Plan" (Work Plan) dated December 22, 2021 (Haley & Aldrich, 2021c). The Work Plan included sampling to fill data gaps on Parcel A identified in the "Revised Conceptual Site Model" for soil and soil gas (Soil/Soil Gas CSM) submitted to the SDRWQCB on April 30, 2021, and the "Revised Updated Sitewide Conceptual Site Model" (Revised Updated CSM) submitted to the SDRWQCB on February 25, 2022. The Revised Updated CSM included Parcel A groundwater for the North Campus. The data gaps addressed in this Report are specific to Building 29. In addition to reviewing the Revised Updated CSM, a further review and evaluation of existing data were conducted to identify whether there were other data gaps that needed to be addressed.

The SDRWQCB sent a letter to Raytheon on January 7, 2022, that it had no further comments on the Work Plan. As required by CAO Directive C.2.b, this Report includes the following:

- A detailed description of all activities completed to address the data gaps;
- Supporting information such as boring logs, data tables, maps, and laboratory analytical data; and
- Results, conclusions, and recommendations.

Parcel A includes the properties occupied by the Buildings 29, 99, and 100 and the vacant properties located at 360, 364, and 368 Bay Boulevard (Figure 2). Rohr sold these properties to PSIP Wohl Bay Boulevard LLC (Owner), who intends to redevelop the properties for commercial/industrial use. The Owner will be constructing a new loading dock in the area currently occupied by the northern 24,000-square feet of Building 29. Construction will involve the removal of approximately 5 feet of soil in this area. The Owner has made improvements to the building that have included installing a new heating, ventilation and air conditioning system and sealing and polishing the concrete floor. The Owner is also required through the Purchase and Sale Agreement with Rohr to install a sub-slab depressurization system (SSDS) to address volatile organic compounds (VOCs) in soil gas that are present beneath the building slab.

1.1 SITE DESCRIPTION

1.1.1 Site History

Parcel A consists of two areas that have been part of Rohr's manufacturing facility. Site historical environmental features on Parcel A are shown on Figure 2. Buildings 99 and 100 and the vacant properties are located north of G Street, and Building 29 is located south of G Street. Industrial activities and historical chemical use on Parcel A were more limited compared to the main manufacturing portions of the facility located on Parcel B and the former South Campus. Site history related to the vacant Bay Boulevard properties and Buildings 99 and 100 is described in the Soil/Soil Gas and Revised Updated CSMs and is not descried herein because the data gap investigation on Parcel A is specific to Building 29.

Building 29 was constructed in phases beginning in about 1957 through 1962. This portion of Parcel A was owned by others and used for other purposes prior to Rohr's ownership (Adrian Brown, 1998; Woodward-Clyde Consultants, 1998; URS Corporation, 2013; Haley & Aldrich, 2016a, 2016b, 2018a, 2018b, 2021a, 2022). These other historical uses included agriculture, residential and a possible lumber yard. The agricultural use of the northern portion of Parcel A occupied by Building 29 appears to have taken place through the 1940s.

Building 29 was primarily used for tooling, machining, and office space for most of its history. At one time, the northernmost portion served as the Maintenance Department for the facility. Most recently the building housed laboratories, kitting, an After-Market Spares Warehouse, Service Center and FAI repairs, storage, tool calibration, product development, and office space.

Another former building (Building 28) was built on the southern portion of Parcel A in the mid-1940s and served as offices, including finance and payroll. The building was located south of Building 29 and was demolished around 2000. The area is now occupied by a parking lot.

1.1.2 Site Geology

Parcel A is situated at elevations ranging from approximately 13 feet above mean seal level (MSL) on the south and 28 feet above MSL on the north. Parcel A is underlain, in descending order, by limited fill material, the Bay Point Formation, a clay aquitard, and the San Diego Formation. Because Parcel A is more than 1,000 feet upland of the former shoreline, there are no bay muds or extensive fill present on this portion of the North Campus facility. It is underlain by localized fill material and the Bay Point Formation.

The Bay Point Formation can also be referred to as Quaternary alluvium, as suggested by Wes Danskin, formerly with the United States Geological Survey (W. Danskin, personal communication). The thickness of the Quaternary sediment can be highly variable in the San Diego embayment, ranging from approximately 200 feet to possibly as much as 700 feet. The Bay Point is Pleistocene in age and was deposited in nearshore marine and onshore fluvial depositional environments.

The Bay Point Formation consists of an interbedded sequence of clay, silt, and silty sand to the total depth explored (approximately 30 feet). The strata are predominantly composed of reddish brown to yellowish brown clay and silt with some thin, discontinuous lenses of silty sand. The coarser-grained lenses are typically saturated below a depth of approximately 12 feet below ground surface (bgs) on the

portion of the Site occupied by Building 29. Groundwater on the vacant Bay Boulevard properties and Buildings 99/100 on the northern portion of Parcel A is deeper (approximately 16 feet or greater).

1.1.3 Site Hydrogeology

Groundwater is present in the Bay Point Formation ranging in depth from approximately 10 to 20 feet bgs, based on observations during drilling and water levels in the wells north of Building 99. The thickness of the vadose zone on Parcel A ranges from approximately 10 to 20 feet based on this information. The direction of groundwater flow is generally to the west. Wells present on Parcel A have been limited to those installed for the San Diego Formation aquifer testing program (URS Greiner Woodward-Clyde, 1999). Two monitoring wells remain north of Building 99 and serve as upgradient wells. OW-3 is screened in Upper Zone B at 10 to 30 feet bgs, and OW-4 is screened in Lower Zone B at 60 to 80 feet bgs.

1.2 SITE ASSESSMENT AND REMEDIATION

Site assessment activities on Parcel A have included soil, soil gas, and groundwater sampling as well as indoor air screening (Building 29) and were described in the Soil/Soil Gas CSM (Haley & Aldrich, 2021a) and the Revised Updated Sitewide CSM (Haley & Aldrich, 2022). Figure 3 is a sample location map that shows previous sampling locations and those included in this data gap investigation. Those sample locations included in this data gap investigation are distinguished from previous sample locations on Figure 3 using colored symbols with exploration IDs.

Site assessment activities on Parcel A have included environmental due diligence for property sales, the removal of and/or closure of underground storage tanks, and investigations conducted pursuant to CAO No. 98-08 issued to Rohr by the SDRWQCB in 1998 (Haley & Aldrich, 2016a; 2018a; 2021a, 2022). In 1999, Rohr acquired the vacant Bay Boulevard properties from the City of Chula Vista (City) as part of the Relocation Agreement with the City and the San Diego Unified Port District (Haley & Aldrich, 2016b, 2018b). In the early 2000s, the City obtained a "No Further Action" letter from the San Diego County Department of Environmental Health for lead-containing surficial soil that was remediated at 360 Bay Boulevard. The vacant Bay Boulevard properties were not used by Rohr after acquiring the properties from the City.

GSI Environmental Inc. (GSI) conducted a Phase II screening investigation on Parcel A (excluding 360, 364, and 368 Bay Boulevard) in August 2020 on behalf of the Owner (GSI, 2020). The investigation included additional soil and soil gas sampling and analyses. Seventeen soil gas samples (including two duplicate samples) were collected at 15 locations from depths between approximately 3 and 5 feet bgs and analyzed for VOCs. Trichloroethene (TCE) was the constituent detected at the highest concentrations in both the GSI and Haley & Aldrich soil gas assessments. The soil gas results were consistent with the data collected by Haley & Aldrich in 2018.

1.3 HUMAN HEALTH RISK ASSESSMENT

Haley & Aldrich conducted a baseline human health risk assessment (HHRA) for Parcel A that was considered when developing the Work Plan for this data gap investigation. The HHRA included two exposure areas: Building 99/100 Area (including 360, 364, and 368 Bay Boulevard) and the Building 29 Area (Haley & Aldrich, 2021b). Two scenarios were considered for the Building 99/100 Area: the buildings remain with continued commercial/industrial use, or the buildings are razed, and the area

redeveloped as surface parking. The results of the HHRA for the Building 99/100 exposure area indicated that no remediation or mitigation was necessary to protect the on-Site receptors. As such, the data figures prepared for this investigation focus on the Building 29 Area only.

The HHRA for the Building 29 exposure area assumed that the northern portion of Building 29 would be demolished to construct a loading dock. We understand that the Owner will be constructing the loading dock later this year. Health-based remediation goals (HBRGs) for the Building 29 exposure area were developed to for the on-Site commercial/industrial worker. The soil gas HBRGs for bromodichloromethane, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene (PCE), and TCE are 70, 80, 100, 370, and 350 micrograms per cubic meter ($\mu g/m^3$), respectively. An HBRG was derived for TCE in soil to reduce estimated human health risks for the on-Site construction worker from exposure during the construction of the new loading dock. The HBRG for TCE is 1.5 milligrams per kilogram (mg/kg). The Office of Environmental Health Hazard Assessment (OEHHA) reviewed the HHRA and summarized its comments in a memorandum to the SDRWCB dated March 8, 2021 (OEHHA, 2021a). Haley & Aldrich addressed OEHHA's comments and resubmitted a revised HHRA to the SDRWQCB May 4, 2021. On June 30, 2021, the OEHHA issued a memorandum to the SDRWQCB regarding its review of the revised HHRA (OEHHA, 2021b). OEHHA calculated risk and hazard estimates that were consistent with those calculated by Haley & Aldrich in the HHRA.

Haley & Aldrich updated the HHRA to include the data collected during this data gap investigation. As requested by the SDRWQCB, the HHRA will be issued as a complete, updated standalone document. The results of the update indicate that the HBRGs calculated for soil and soil gas at the Site remain unchanged. Therefore, the analytical results for the soil and soil gas samples collected during this data gap investigation are compared to these Site-specific values.

1.4 DATA GAPS

Historical chemical sources are coincident with former Site areas associated with long-term chemical usage, storage, and waste collection and discharge. As indicated in the Soil/Soil Gas and Revised Updated CSMs (Haley & Aldrich, 2021a, 2022), data gaps exist in vadose-zone soil, soil gas, indoor air, and groundwater in the Building 29 Area. These data gaps are associated with existing borings located at previously identified areas of concern. Data gaps in soil exist along the northern portion of Building 29 (historical borings B29-23 and B29-24) and in soil gas in the northern (historical probe PW-07), central (historical probes PW-09, B29-V09 and PW-12), and southern (historical probes PW-14, PW-15, B29-V16 and B29-V19) portions of Building 29. Soil gas is not a data gap in the northern portion of Building 29 where the new loading dock will be constructed since soil containing VOCs in this area will be remediated through excavation. A permanent monitoring well cluster has been installed in the vicinity of the northwestern portion of Building 29 where historical groundwater grab samples have been reported to contain TCE. Indoor air is also a data gap; however, sampling will be conducted in Building 29 once the building renovation has been completed, the impacted soil removed, and the SSDS installed prior to being occupied by a new tenant.

2. Scope of Work

Based on the data collected to date, the data gap investigation addressed vadose-zone soil, soil gas, and groundwater on the Building 29 Area of Parcel A. The scope of work described in the Work Plan included the following:

- Three step-out borings, advanced to approximately 5 feet bgs, adjacent to previous borings B29-23 and B9-24 where TCE in soil exceeds the Site-specific HBRG;
- Thirteen soil gas probes, installed at approximately 3 feet bgs to further characterize soil gas beneath Building 29; and
- One monitoring well cluster, consisting of a Zone A well and Upper Zone B well to monitor VOC concentrations downgradient of soil sources in Building 29.

3. Field Investigation

3.1 PRE-FIELD ACTIVITIES

Haley & Aldrich conducted the following pre-field activities:

- Obtained a permit through the San Diego Department of Environmental Health and Quality ([DEHQ]; Permit No. LMWP-005376) for the borings from which groundwater samples were collected and the monitoring wells;
- Updated the Site-specific Health and Safety Plan;
- Notified Dig Alert at least 48 hours prior to the field work (Ticket No. A220600312-00A); and
- Retained ULS CA, Inc., a utility locating subcontractor, to conduct a geophysical survey of the boring, soil gas probe, and monitoring well locations.

A copy of the DEHQ boring/well permit is provided in Appendix A. A 60-day report will be submitted to the DEHQ in accordance with the permit.

3.2 FIELD ACTIVITIES

The data gap investigation was conducted between March 4 and 29, 2022. Field procedures are described in the following sections.

3.2.1 Direct-Push Drilling and Sampling

Twenty-one borings were advanced using a direct-push rig by H&P Environmental Geochemistry (H&P), a California-licensed drilling subcontractor located in Carlsbad, California. H&P conducted concrete coring where necessary through Primetime Concrete Cutting of San Diego, California. The borings were logged by a Haley & Aldrich field geologist under the supervision of a California Certified Hydrogeologist in accordance with the Unified Soil Classification System (USCS; ASTM 2488-D). The number of samples collected and analyzed for each boring was evaluated based on field observations and photoionization detector readings. Boring logs are provided in Appendix B.

Four borings (DGA-005, DGA-012, DGA-018, and DGA-020) were converted to temporary groundwater wells to collect Zone A groundwater samples for analysis. The temporary groundwater wells consisted of 1-inch diameter, Schedule 40 polyvinyl chloride (PVC) pipe screened over the lower 5 feet. Groundwater was allowed to enter the well screen and was subsequently collected with a disposable bailer that was decanted into laboratory-supplied bottles. Once the sampling activities were completed, the borings were backfilled with hydrated bentonite and capped with concrete to match the existing surface. The borings were drilled at the approximate locations shown on Figure 3.

3.2.2 Temporary Soil Gas Probe Installation and Sampling

Thirty-two temporary soil gas probes were installed at 15 locations during the data gap investigation, four of which were installed as sub-slab at locations DGA-004, DGA-013, DGA-017, and DGA-021. The probe installation and soil gas sampling procedures were conducted in accordance with the July 2015

Department of Toxic Substances Control/Los Angeles Regional Water Quality Control Board document entitled, "Advisory – Active Soil Gas Investigations" (Cal/EPA 2015).

The sub-slab soil gas probes were installed by H&P to a depth of 1 foot below the bottom of the slab using a roto-hammer. Sand (1 to 6 inches) was placed in the bottom of the boring before installing ¼-inch-diameter Nylaflow® tubing fitted with a 1-inch-long non-reactive screen to prevent particulate infiltration. The annular space around the tubing was backfilled with approximately 2 to 6 inches of additional sand was then placed around the tubing inlet, and approximately 6 to 10 inches of dry granular bentonite was placed above the sand pack as a seal. The tubing was capped at the ground surface with airtight valves once installed.

The deeper, temporary soil gas probes were completed as a nested construction in a boring at depths of 2 and 5 feet bgs or 5 and 10 feet bgs. H&P installed the probes using a direct-push drill rig. Each probe consisted of a ¼-inch-diameter Nylaflow® tubing fitted with a 1-inch-long non-reactive screen to prevent particulate infiltration. The tubing was installed through the open boring to the desired bottom (i.e., 5 or 10 feet bgs) sampling depth. The boring was backfilled with 12 inches of sand pack around the screen, followed by 6 inches of dry bentonite. The boring was then filled with a hydrated bentonite seal to approximately 6 inches below the next targeted sampling depth. The shallow vapor probe (i.e., 2 or 5 feet bgs) was then installed in the same fashion as the deeper probe. Once the soil gas probe was completed, the tubing was capped with an air-tight valve. A schematic showing the typical soil gas probe constructions are provided in Appendix C.

Each temporary soil gas and sub-slab probe was allowed to equilibrate for a minimum of two hours prior to purging and sampling. Following two hours, each soil gas probe was leak-checked, and a shut-in test was performed prior to purging three purge volumes and sampling. One purge volume includes the volume of the interior tube and probe tip as well as the void space of the sand pack surrounding it. Each soil gas sample was collected in a glass syringe for analysis by H&P's on-Site mobile laboratory. Once the soil gas sampling was completed, the tubing was removed, and the borings were backfilled using hydrated bentonite and capped at the surface with concrete.

3.2.3 Well Cluster Installation

One cluster well was installed to monitor the dissolved TCE plume in Zone A and Upper Zone B groundwater downgradient (west) of soil and soil gas impacts in the northwestern portion of Building 29 at the location shown on Figure 3. The cluster well was installed by Cascade Environmental a California-licensed drilling subcontractor located in Upland, California. The drilling was observed by a Haley & Aldrich field engineer under the oversight of a California Certified Hydrogeologist. The field engineer logged the Upper Zone B boring in accordance with the USCS (ASTM 2488-D). The Zone A well was not logged since it is immediately adjacent to the Upper Zone B well. Monitoring well logs are provided in Appendix B.

The wells were installed using a hollow-stem auger drill rig equipped with 8-inch-diameter augers. The wells were constructed of 4-inch-diameter, Schedule 40 PVC casing with the lower 10 feet consisting of 0.010-inch slots. The well annulus was backfilled with Lonestar No. 2/12 sand to a level of approximately 2 feet above the screen. A 2- to 3-foot bentonite seal was placed above the filter pack. The remainder of the annulus was backfilled with concrete into which a traffic-rated cover was set in accordance with the DEHQ Site Assessment and Mitigation (SAM) Manual.

Once installed, the wells were developed by surging and bailing until the water was free of fine-grained sediment and turbidity. Well development logs are provided in Appendix D. Each was purged by the low-flow method described in the SAM Manual. Depth to water was measured to the nearest 0.01 foot using an electronic water level indicator. The monitoring wells will be added to AECOM's groundwater monitoring and sampling program and sampled later this year.

3.3 WORK PLAN MODIFICATIONS

Additional soil, soil gas and groundwater sampling were conducted to assess the vertical extent of VOC concentrations in vadose-zone soil and evaluate whether the VOCs in soil gas may be attributed to soil impacts not previously identified or off-gassing from shallow groundwater. To accomplish this, Haley & Aldrich installed:

- Dual gas probes at ten locations at approximately 2 and 5 feet bgs;
- Triple gas probes at 4 locations at approximately 1 (sub-slab), 5, and 10 feet bgs; and
- Temporary wells at 4 locations to sample and analyze first encountered groundwater. Previous groundwater sampling on Parcel A was conducted at depths ranging from 20 to 25 feet and did not represent first encountered groundwater.

The dual and triple gas probes were completed rather than sampling at a single sampling depth of 3 feet bgs as proposed in the Work Plan. Soil samples at each probe depth and the first encountered groundwater samples were analyzed for VOCs by U.S. Environmental Protection Agency (EPA) Method 8260B.

3.4 INVESTIGATION-DERIVED WASTE

Investigation-derived waste was managed in accordance with CAO Directive L.2. Soil cuttings were placed in Department of Transportation-approved 55-gallon drums and temporarily stored at a location north of Building 29. The soil cuttings (8 drums), asphalt (5 drums) and wastewater (5 drums) were profiled and disposed as Non-Department of Transportation/Non-Resource Conservation Recovery Act waste by Heritage at the Rineco facility in Benton, Arkansas. Copies of manifests are provided in Appendix E.

3.5 PROFESSIONAL SURVEY

The direct-push borings, temporary probe locations, and the monitoring wells were professionally surveyed on March 29, 2022, by J.B. Koenig and Associates of Anaheim, California. Some of the boring and probe locations from past investigations were also professionally surveyed. Top-of-cover and top-of-casing elevations for the two new monitoring wells were professionally surveyed. A copy of the survey is provided in Appendix F.

4. Laboratory Analyses and Results

4.1 LABORATORY ANALYSES

Soil and groundwater laboratory analyses were performed by Eurofins Calscience of Tustin, California, and soil gas samples were analyzed by H&P's mobile laboratory located on Site. Each laboratory is Environmental Laboratory Accreditation Program-certified as required by Directive L.4 of the CAO. The analyses were conducted using analytical methods approved by the EPA for the analyses performed. Laboratory reports include the information specified in Directive L.5 of the CAO.

Soil samples from the direct-push and well cluster borings were analyzed for VOCs by EPA Method 8260B. The soil gas samples were analyzed for VOCs by EPA Method 8260B. Groundwater samples from the temporary wells were also analyzed for VOCs by EPA Method 8260B.

Groundwater samples from the well cluster will be collected and analyzed by AECOM as part of the groundwater monitoring and sampling program (AECOM, 2017). The groundwater samples will be analyzed for VOCs, 1,4-dioxane, Title 22 Metals, and hexavalent chromium by EPA Methods 8260B, 8260B-SIM, 6000/7000 series, and 7199, respectively. The analytical results will be included in the Annual Groundwater Monitoring Report prepared by AECOM.

4.2 LABORATORY ANALYTICAL RESULTS

Laboratory analytical reports and chain of custody forms for soil and groundwater samples analyzed during the data gap investigations are provided in Appendix G. Soil gas sample analytical reports and chain of custody forms are provided in Appendix H. Tables summarizing soil and soil gas data collected during this investigation are included in Appendix I. The data in the tables in Appendix I are arranged based on the location in Building 29: south, central and north.

4.2.1 Soil

Soil analytical results summarized in Table I-1 indicate that detectable VOC concentrations in the borings drilled during this data gap investigation were very limited. TCE concentrations reported in the soil samples analyzed during this and previous investigations in Building 29 are shown on Figures 4A, 4B and 4C for the northern, central and southern portions of Building 29, respectively. Ranges in TCE concentrations are noted showing a color gradation for the boring locations so that the HBRG and Groundwater Protection Level (GPL) soil exceedances can be easily identified.

One or more VOCs were detected in 11 of 52 samples analyzed. The compounds detected (with the number of samples in parentheses) and detected ranges were as follows:

- TCE (11): ranging from 0.0029 mg/kg to 0.58 mg/kg;
- Chloroform (4): ranging from 0.0011 mg/kg to 0.0024 mg/kg;
- Cis-1,2-DCE (1): 0.0027 mg/kg; and
- PCE (1): 0.0011 mg/kg.

The highest TCE soil concentrations were detected in the step-out borings in DGA-024 (1 foot bgs; 0.43 mg/kg) and DGA-025 (1.5 feet bgs; 0.58 mg/kg), situated around B29-23 and B29-24 in the northern portion of the building (Former Maintenance Department). Acetone was also reported in 7 soil samples at low concentrations (at or slightly above the reporting limit) ranging from 0.021mg/kg to 0.054 mg/kg. Acetone detected at low concentrations is often a laboratory contaminant.

4.2.2 Soil Gas

The soil gas sample analytical results are summarized in Table I-2. One or more VOC was reported in each of the samples analyzed during the data gap investigation. The VOCs detected included PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), 1,1-dichlorethene (1,1-DCE), chloroform, vinyl chloride, benzene, toluene, and 1,1 difluoroethane. The number of locations (indicated in parentheses) and ranges in the VOC concentrations reported in the soil gas samples were the following:

- TCE (12): 33 to 18,000 µg/m^3;
- PCE (7): 20 to 770 µg/m^3;
- Chloroform (7): 23 to 190 µg/m^3;
- 1,1,1-TCA (4): 140 to 3,300 µg/m^3;
- Cis-1,2-DCE (3): 180 to 140,000 µg/m^3;
- Vinyl chloride (2): 30 to 420 µg/m^3;
- 1,1-DCA (2): 100 to 750 µg/m^3;
- 1,1-DCE (2): 130 to 650 µg/m^3;
- Benzene (13): 20 to 89 µg/m^3;
- Toluene (2): 200 to 230 µg/m^3; and
- 1,1-Difluoroethane (1); 110 µg/m^3.

5. Discussion

5.1 SOIL

The Site soil data have been compared to the following:

- HBRGs developed in the HHRA prepared by Haley & Aldrich and dated May 4, 2021 (Haley & Aldrich, 2021b),
- GPLs developed for the Former South Campus for VOCs (Haley & Aldrich, 2014a, 2014b),
- Total Threshold Limit Concentration (TTLCs) appearing in California Code of Regulations (CCR) Title 22 Section 66261.24 – Characteristic of Toxicity.

The VOC GPLs for the Former South Campus should be relevant for the North Campus since the operations were the same as the South Campus (they were the same facility) and the hydrogeology and soil types are very similar. GPLs for vadose zone soil are summarized in Table 10 of the "Revised Soil Remedial Action Plan" for the northern portion of the South Campus (Haley & Aldrich, 2018c). The HHRA developed an HBRG for TCE for the construction worker scenario. This HBRG is 1.5 mg/kg. The GPLs and TTLCs for VOCs are included in Table I-1. Table I-1 also includes the commercial/industrial California Department of Toxic Substances Control – Screening Levels (DTSC-SLs) for reference only, since a Site-specific HBRG for TCE was developed in the HHRA.

Table 1A summarizes the TCE analytical results for the data gap borings in the Former Maintenance Department, referred to as the northern portion of Building 29. The results for step-out borings follow to the right of the previous exceedances in Table 1A. The previous borings with TCE HBRG and GPL exceedances are noted for the northern portion of Building 29 in blue at the top of Table 1A.

It should be noted that there were no TCE HBRG or GPL exceedances in soil elsewhere in Building 29. The additional soil samples analyzed in Building 29 were not step-out borings, but were drilled and sampled to identify whether there may be VOC sources in soil that are associated with the VOCs that have been reported in soil gas in these areas. Therefore, the full list of VOCs is reported in Tables 1B and 1C for the central and southern portions of Building 29, respectively.

As shown in Table 1A, none of the TCE soil concentrations in the step-out samples around borings B29-23 and B29-24 analyzed during the data gap investigation exceeded the HBRG of 1.5 mg/kg. None of the VOCs exceeded its respective commercial/industrial DTSC-SL, GPL, or TTLC (see Table I-1). The step-out borings in the northern portion of the building (DGB-024, DGB-025, and DGB-026, see Table 1A and Figure 4A) have delineated TCE impacts in the Former Maintenance Department, considering that TCE-containing soil that lies beneath this portion of Building 29 will be removed during construction of a new loading dock by the Owner. This TCE-containing soil appears to extend to a depth less than 4 feet bgs based on the soil analytical results for the borings in the Former Maintenance Department.

The soil analytical results for the temporary soil gas probes in the central and southern portions of the building (see Tables 1B and 1C and Figures 4B and 4C) have not identified additional soil sources that could be contributing to VOCs observed in soil gas in these areas. Based on the results of this data gap investigation, no further soil investigation is recommended at this time.

Soil beneath the northern portion of Building 29 will be excavated and removed under a Demolition and Environmental Management Plan (DEMP). Construction will require excavation to an approximate depth of 5 feet bgs in the northern 24,000 square feet of Building 29. Following excavation, confirmation sampling will be conducted. The soil will be disposed at an appropriate landfill. As a result of this remedial action, a source of VOCs in soil and soil gas will be removed and therefore no longer pose a potential vapor intrusion risk to building occupants.

5.2 SOIL GAS

Step-out soil gas samples were collected and analyzed in the vicinity of previous locations where certain VOCs were reported at concentrations that exceeded their respective HBRGs developed in the HHRA. These previous locations in Building 29 included:

- North: PW-07;
- Central: PW-09, B29-V09, and PW-12; and,
- South: PW-14, PW-15, B29-V16, and B29-V19.

VOCs in B29-V07 and PW-06 were also reported to exceed HRBGs but were not investigated because the building will be demolished and the VOC-containing soil in this area will be excavated to construct the new loading dock that was previously described.

As noted in Section 1.3, the HRBGs derived for soil gas in the HHRA included the following:

- Bromodichloromethane – 70 µg/m^3;
- Chloroform – 80 µg/m^3;
- Cis-1,2-DCE – 100 µg/m^3;
- PCE – 370 µg/m3; and
- TCE - 350 µg/m3.

Tables 2A, 2B, and 2C summarize the soil gas analytical results for the samples collected and analyzed during this data gap investigation for the northern, central, and southern portions of Building 29, respectively. The tables include those VOCs that have exceeded their respective soil gas HBRGs in Building 29. Previous locations with HBRG exceedances are included in the tables and noted at the top of the tables in blue. Step-out borings associated with these previous borings are noted at the top of the tables in yellow. Figure 5 compares reported VOC concentrations to their respective HBRGs. The VOCs and concentrations that exceeded their respective HBRGs are noted on the figure.

VOCs were reported in the step-out and other soil gas probes at concentrations that exceed their respective HBRGs, but in general, the concentrations showed a decrease compared to the previous borings. In the northern portion of Building 29 (Table 2A), step-out probes DGA-021 and DGA-022 were advanced adjacent to PW-07. HBRG exceedances were noted for chloroform (DGA-022), PCE (DGA-021), and TCE (DGA-021 and DGA-022).

In the central portion of Building 29 (Table 2B), the step-outs at DGA-013, DGA-014, and DGA-015 were sampled to provide further horizontal and vertical assessment in the vicinity of previous probe PW-12, where certain VOCs exceeded their respective HBRGs. No VOCs exceeded their respective HBRGs at the step-out locations. Step-out probes DGA-016, DGA-017, and DGA-019 were advanced in the vicinity of

PW-09 and B29-V09. HBRG exceedances were noted for chloroform (DGA-017) and TCE (DGA-016, DGA-017, and DGA-019). TCE concentrations reported for the step-out probes were lower than those reported in PW-09 and B29-V09.

In the southern portion of Building 29 (Table 2C), temporary soil gas probes at DGA-003, DGA-004, DGA-007, DGA-008, DGA-009, and DGA-011 were installed and sampled to provide further horizontal and vertical assessment of VOCs in soil gas at previous borings PW-14, PW-15, B29-V16, and B29-V19. HBRG exceedances in soil gas were noted for chloroform (DGA-007), cis-1,2-DCE (DGA-004, DGA-009, and DGA-011), and TCE (DGA-004, DGA-007, DGA-008, DGA-009, and DGA-010). No VOCs were reported at DGA-003 in concentrations exceeding HBRGs.

The Owner will address potential vapor intrusion risk by installing an SSDS in Building 29 prior to building occupancy by a new tenant. The SSDS is a requirement of the Purchase and Sale Agreement (PSA) for Parcel A between Rohr and the Owner.

5.3 GROUNDWATER

Groundwater samples were collected at four locations to evaluate whether VOC soil gas concentrations may be attributed to off-gassing from shallow groundwater at locations where certain soil gas samples exceeded HBRGs. Groundwater sample analytical results are summarized in Table 3. The samples were collected in the following portions of Building 29: north (DGA-020, in an area that will remain after constructing the new loading dock), central (DGA-012 and DGA-018), and south (DGA-005). Of the four groundwater samples analyzed, three (DGA-005, DGA-018, and DGA-020) contained TCE above its Maximum Contaminant Level (MCL) for drinking water at concentrations ranging from 7.2 to 340 micrograms per liter (µg/L). The groundwater sample from DGA-005 also exceeded the MCL for cis-1,2-DCE (38 µg/L) and 1,1-DCA (6.8 µg/L). The groundwater sample from DGA-005 was the only sample that exceeded a commercial/industrial vapor intrusion Environmental Screening Level (TCE, 340 µg/L). DGA-005 is immediately downgradient (west) of the former Blanchard Grinder that was closed in place under permit with the Department of Environmental Health in 1999.

Groundwater is present beneath the Site at depths greater than 10 feet bgs. A composite TCE groundwater contour map is provided as Figure 6. The figure shows groundwater TCE concentrations detected in the data gap and previous groundwater samples analyzed on the Building 29 portion of Parcel A. VOCs present in groundwater are contributing to potential vapor intrusion risks for future building occupants based on the soil gas results for 10-foot probes sampled in the northern and southern portions of Building 29. The SSDS installed by the Owner will address the potential future vapor intrusion risk to building occupants that may result from VOC off-gassing from groundwater.

6. Conclusions and Recommendations

The results of the Parcel A data gap investigation indicate the following for soil, soil gas, and Zone A groundwater:

6.1 SOIL

TCE exceeding the HBRG in the Former Maintenance Department in the northern portion of Building 29 has been delineated. None of the samples collected from the step-out borings (DGA-024, DGA-025, and DGA-026) were reported to contain TCE or other VOCs at concentrations above its respective HBRG, commercial/industrial DTSC-SL, GPL, or TTLC. Based on the data for the Former Maintenance Department, the area with soil impacts is limited to depths less than 4 feet bgs. VOC concentrations beneath the central and southern portions of Building 29 were either not detected in soil, or the concentrations were relatively low, supporting that soil is not a significant VOC source contributing to those present in soil gas.

As discussed with the SDRWQCB, the affected soil in the Former Maintenance Department (northern portion of Building 29) will be excavated under a DEMP during construction of the new loading dock. The DEMP will be prepared and submitted to the SDRWQCB for approval. The DEMP will be implemented during the loading dock construction project prior to removing the building slab in this area. The upper 5 feet of soil is planned to be excavated in a 24,000-square-foot area on the northern end of Building 29 and will address TCE impacts to soil that data indicate are limited to depths shallower than 4 feet. Following excavation, soil confirmation sampling will be conducted. The excavated soil will be disposed at a permitted landfill. Based on the results of the data gap investigation and the proposed remedial action that will be completed through implementing the DEMP, no further soil investigation on Parcel A is necessary at this time.

6.2 SOIL GAS

The data indicate that there are soil gas VOC concentrations that are above the HBRGs beneath the building. The excavation of soil sources when implementing the DEMP and installing an SSDS below the building slab as required by the PSA between Rohr and the Owner will address the potential for vapor intrusion and be protective of future building occupants. Based on these remedial and mitigation actions, no further soil gas investigation is recommended at this time.

A plan will be submitted that will describe the installation and footprint of the SSDS. Indoor air sampling will be conducted in Building 29 prior to occupancy by a new tenant as required by the CAO. A Risk Management Plan (RMP) will also be prepared and implemented to address potential future vapor intrusion risk to building occupants. The RMP will include:

- An SSDS post-installation monitoring and performance evaluation plan that will describe and establish a sub-slab soil gas and indoor air monitoring and sampling program;
- Restrictions on changes to the existing building;
- A Contingency Plan;
- Post-installation monitoring and performance reports, and a Post-Mitigation Completion Report; and

- The preparation and filing of a deed restriction that refers to the RMP.

6.3 GROUNDWATER

The VOCs in groundwater detected at the four locations sampled during the data gap investigation were relatively low, delineating groundwater impacts beneath Building 29 in the Former Maintenance Department in the northern portion of the building where there are TCE soil and soil gas impacts, and the central and southwestern portion of the building where there are lesser groundwater and soil gas impacts. Based on these and previous groundwater analytical results, groundwater off-gassing appears to contribute to the VOCs reported in soil gas beneath the northern and southwestern portions of Building 29. The potential for future vapor intrusion risk to building occupants will be addressed by installing the SSDS and implementing the RMP previously described.

Groundwater monitoring will be conducted in well cluster NCW-021 downgradient (west) of the existing soil sources in Building 29. These wells will be sampled as part of the annual groundwater monitoring program performed by AECOM for the facility (AECOM, 2017). Analytical results for the parameters indicated in the Work Plan will be included in the next annual groundwater monitoring report.

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TABLES

TABLE 1A
SOIL ANALYTICAL RESULTS - BUILDING 29 NORTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

					Previous Borings				Step-out Borings					
Location			Commercial/		B29-23		B29-24		DGA-024			DGA-025		
Sample Name	Background [1]	GPL	Industrial	TTLC	B29-23-010	B29-23-050	B29-24-010	B29-24-050	DGA-024-1	DGA-024-3	DGA-024-4.5	DGA-025-1.5	DGA-025-3	DGA-025-5
Sample Date			DTSC SL[2]		1/10/2020	1/10/2020	1/14/2020	1/14/2020	03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	1 (ft)	5 (ft)	1 (ft)	3 (ft)	4.5 (ft)	1.5 (ft)	3 (ft)	5 (ft)
Trichloroethene (see Note 2)	-	27	6 [3]	2040	**37.8** [A,B]	**0.0502**	**7.83**[B]	**0.0925**	**0.43**	**0.16**	**0.041**	**0.58**	**0.051**	**0.033**

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
[A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
[B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
[C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE 1A
SOIL ANALYTICAL RESULTS - BUILDING 29 NORTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

					Step-out Borings								
Location					DGA-026			DGA-021			DGA-022		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL[2]	TTLC	DGA-026-3	DGA-026-4.5	DGA-026-6	DGA-021-1	DGA-021-5	DGA-021-10	DGA-022-1	DGA-022-5	DGA-022-10
Sample Date					03/10/2022	03/10/2022	03/10/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					3 (ft)	4.5 (ft)	6 (ft)	1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Trichloroethene (see Note 2)	-	27	6 [3]	2040	**0.0042 F2**	**0.0045**	**0.0034**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
[A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
[B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
[C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-013			DGA-014		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-013-1	DGA-013-5	DGA-013-10	DGA-014-3.5	DGA-014-5	DGA-014-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1,1-Trichloroethane	-	1.7	7200	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1-Dichloroethane	-	0.56	16	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1-Dichloroethene	-	0.071	350	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1-Dichloropropene	-	-	-	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057	-	10	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	-	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,3-Dichloropropane	-	-	2200	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
2,2-Dichloropropane	-	-	-	-	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
4-Chlorotoluene	-	-	2300	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
Benzene	-	0.019	1.4	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Bromodichloromethane	-	-	1.3	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-013			DGA-014		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-013-1	DGA-013-5	DGA-013-10	DGA-014-3.5	DGA-014-5	DGA-014-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Styrene	-	-	32000 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Toluene	-	0.44	5300 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]		TTLC	DGA-013			DGA-014		
Sample Name						DGA-013-1	DGA-013-5	DGA-013-10	DGA-014-3.5	DGA-014-5	DGA-014-10
Sample Date						03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)						1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)											
Trichlorofluoromethane (CFC-11)	-	-	5400	-	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000	[3]	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Vinyl acetate	-	-	3800	[3]	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Vinyl chloride	-	13	0.15	-	10	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-015			DGA-016		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-015-1	DGA-015-5	DGA-015-10	DGA-016-1	DGA-016-5	DGA-016-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1,1-Trichloroethane	-	1.7	7200	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1-Dichloroethane	-	0.56	16	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1-Dichloroethene	-	0.071	350	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1-Dichloropropene	-	-	-	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057	-	10	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,3-Dichloropropane	-	-	2200	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
2,2-Dichloropropane	-	-	-	-	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
4-Chlorotoluene	-	-	2300	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Benzene	-	0.019	1.4	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Bromodichloromethane	-	-	1.3	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]		TTLC	DGA-015			DGA-016		
Sample Name						DGA-015-1	DGA-015-5	DGA-015-10	DGA-016-1	DGA-016-5	DGA-016-10
Sample Date						03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)						1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)											
Bromoform	-	-	86	-	-	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30	[3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500	[3]	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Carbon tetrachloride	-	-	2.9	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Chlorobenzene	-	2	1300	[3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Chlorobromomethane	-	-	630	[3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000	[3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4	[3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Chloromethane (Methyl Chloride)	-	-	460	[3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
cis-1,3-Dichloropropene	-	-	-	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Cymene (p-Isopropyltoluene)	-	-	-	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Dibromochloromethane	-	-	4.1	-	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99	[3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370	[3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25	[3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Isopropylbenzene (Cumene)	-	-	9900	[3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
m,p-Xylenes	-	6	-	-	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210	[3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26	-	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Naphthalene	-	-	6.5	-	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
n-Butylbenzene	-	-	18000	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
n-Propylbenzene	-	-	24000	[3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800	[3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Styrene	-	-	32000	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
tert-Butylbenzene	-	-	12000	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Tetrachloroethene	-	2.1	2.7	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Toluene	-	0.44	5300	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
trans-1,2-Dichloroethene	-	0.17	600	-	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
trans-1,3-Dichloropropene	-	-	-	-	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6	[3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]		TTLC	DGA-015			DGA-016		
Sample Name						DGA-015-1	DGA-015-5	DGA-015-10	DGA-016-1	DGA-016-5	DGA-016-10
Sample Date						03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)						1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)											
Trichlorofluoromethane (CFC-11)	-	-	5400	-	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000	[3]	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Vinyl acetate	-	-	3800	[3]	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Vinyl chloride	-	13	0.15	-	10	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-017			DGA-019		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-017-1	DGA-017-5	DGA-017-10	DGA-019-1	DGA-019-6.5	DGA-019-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	6.5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1,1-Trichloroethane	-	1.7	7200	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1-Dichloroethane	-	0.56	16	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1-Dichloroethene	-	0.071	350	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1-Dichloropropene	-	-	-	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057	-	10	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16	-	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 F1	< 0.002
1,3-Dichlorobenzene	-	-	-	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
1,3-Dichloropropane	-	-	2200	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
2,2-Dichloropropane	-	-	-	-	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
4-Chlorotoluene	-	-	2300	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	**0.022**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Benzene	-	0.019	1.4	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Bromodichloromethane	-	-	1.3	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-017			DGA-019		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-017-1	DGA-017-5	DGA-017-10	DGA-019-1	DGA-019-6.5	DGA-019-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	6.5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 [-]	-	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Carbon tetrachloride	-	-	2.9 [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
cis-1,3-Dichloropropene	-	-	- [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Dibromochloromethane	-	-	4.1 [-]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
m,p-Xylenes	-	6	- [-]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 F1	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 [-]	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Naphthalene	-	-	6.5 [-]	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
n-Butylbenzene	-	-	18000 [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 F1	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Styrene	-	-	32000 [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
tert-Butylbenzene	-	-	12000 [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Tetrachloroethene	-	2.1	2.7 [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Toluene	-	0.44	5300 [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 [-]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
trans-1,3-Dichloropropene	-	-	- [-]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

TABLE 1B
SOIL ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]		TTLC	DGA-017			DGA-019		
Sample Name						DGA-017-1	DGA-017-5	DGA-017-10	DGA-019-1	DGA-019-6.5	DGA-019-10
Sample Date						03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)						1 (ft)	5 (ft)	10 (ft)	1 (ft)	6.5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)											
Trichlorofluoromethane (CFC-11)	-	-	5400	-	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000	[3]	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Vinyl acetate	-	-	3800	[3]	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Vinyl chloride	-	13	0.15	-	10	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-003			DGA-004		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-003-1	DGA-003-5	DGA-003-10	DGA-004-1	DGA-004-5	DGA-004-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1,1-Trichloroethane	-	1.7	7200	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1-Dichloroethane	-	0.56	16	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1-Dichloroethene	-	0.071	350	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1-Dichloropropene	-	-	-	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057	-	10	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	-	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,3-Dichloropropane	-	-	2200	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
2,2-Dichloropropane	-	-	-	-	< 0.0049	< 0.005	< 0.0049	< 0.0049	< 0.0049	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
4-Chlorotoluene	-	-	2300	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	**0.021**	< 0.019	**0.044 F1**	**0.054**	< 0.02
Benzene	-	0.019	1.4	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Bromodichloromethane	-	-	1.3	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-003			DGA-004		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-003-1	DGA-003-5	DGA-003-10	DGA-004-1	DGA-004-5	DGA-004-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.0049	< 0.005	< 0.0049	< 0.0049	< 0.0049	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	**0.027**	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Styrene	-	-	32000 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Toluene	-	0.44	5300 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.0019	< 0.002	**0.0029**	< 0.002

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location / Sample Name / Sample Date / Sample Depth (bgs)	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]		TTLC	DGA-003			DGA-004		
						DGA-003-1 03/08/2022 1 (ft)	DGA-003-5 03/08/2022 5 (ft)	DGA-003-10 03/08/2022 10 (ft)	DGA-004-1 03/08/2022 1 (ft)	DGA-004-5 03/08/2022 5 (ft)	DGA-004-10 03/08/2022 10 (ft)
Volatile Organic Compounds (mg/kg)											
Trichlorofluoromethane (CFC-11)	-	-	5400	-	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000	[3]	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Vinyl acetate	-	-	3800	[3]	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Vinyl chloride	-	13	0.15	-	10	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-007			DGA-008		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-007-1	DGA-007-5	DGA-007-9.5	DGA-008-1	DGA-008-5	DGA-008-9.5
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	9.5 (ft)	1 (ft)	5 (ft)	9.5 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1,1-Trichloroethane	-	1.7	7200 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1-Dichloroethane	-	0.56	16 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1-Dichloroethene	-	0.071	350 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057 -	10	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	- -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,3-Dichloropropane	-	-	2200 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
2,2-Dichloropropane	-	-	- -	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
4-Chlorotoluene	-	-	2300 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	**0.024**	**0.02**
Benzene	-	0.019	1.4 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Bromodichloromethane	-	-	1.3 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-007			DGA-008		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-007-1	DGA-007-5	DGA-007-9.5	DGA-008-1	DGA-008-5	DGA-008-9.5
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	9.5 (ft)	1 (ft)	5 (ft)	9.5 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Styrene	-	-	32000 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Toluene	-	0.44	5300 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	**0.0032**	< 0.002

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location / Sample Name / Sample Date / Sample Depth (bgs)	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]		TTLC	DGA-007			DGA-008		
						DGA-007-1 03/08/2022 1 (ft)	DGA-007-5 03/08/2022 5 (ft)	DGA-007-9.5 03/08/2022 9.5 (ft)	DGA-008-1 03/08/2022 1 (ft)	DGA-008-5 03/08/2022 5 (ft)	DGA-008-9.5 03/08/2022 9.5 (ft)
Volatile Organic Compounds (mg/kg)											
Trichlorofluoromethane (CFC-11)	-	-	5400	-	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000	[3]	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Vinyl acetate	-	-	3800	[3]	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Vinyl chloride	-	13	0.15	-	10	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-009			DGA-011		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-009-1	DGA-009-5	DGA-009-10	DGA-011-3.5	DGA-011-5	DGA-011-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1,1-Trichloroethane	-	1.7	7200 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1,2,2-Tetrachloroethane	-	-	2.7 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1-Dichloroethane	-	0.56	16 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1-Dichloroethene	-	0.071	350 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057 -	10	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,2-Dichloropropane	-	-	11 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	- -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,3-Dichloropropane	-	-	2200 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
2,2-Dichloropropane	-	-	- -	-	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
4-Chlorotoluene	-	-	2300 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	**0.042**	< 0.02	< 0.02	< 0.02	< 0.02
Benzene	-	0.019	1.4 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Bromobenzene	-	-	1800 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Bromodichloromethane	-	-	1.3 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-009			DGA-011		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-009-1	DGA-009-5	DGA-009-10	DGA-011-3.5	DGA-011-5	DGA-011-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Carbon tetrachloride	-	-	2.9 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Chlorobenzene	-	2	1300 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
cis-1,3-Dichloropropene	-	-	- -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Naphthalene	-	-	6.5 -	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
n-Butylbenzene	-	-	18000 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Styrene	-	-	32000 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
tert-Butylbenzene	-	-	12000 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Tetrachloroethene	-	2.1	2.7 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Toluene	-	0.44	5300 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

TABLE 1C
SOIL ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth (bgs)	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-009			DGA-011		
					DGA-009-1 03/08/2022 1 (ft)	DGA-009-5 03/08/2022 5 (ft)	DGA-009-10 03/08/2022 10 (ft)	DGA-011-3.5 03/08/2022 3.5 (ft)	DGA-011-5 03/08/2022 5 (ft)	DGA-011-10 03/08/2022 10 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Vinyl acetate	-	-	3800 [3]	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Vinyl chloride	-	13	0.15 -	10	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE 2A

SOIL GAS ANALYTICAL RESULTS - BUILDING 29 NORTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

			Previous Boring	Step Out Borings				
Location	**HBRG**	**Vapor ESL: Commercial/ Industrial Cancer Risk**	**PW-07**	**DGA-021**			**DGA-022**	
Sample Date			**7/31/2020**	**03/08/2022**	**03/10/2022**		**03/10/2022**	
Sample Type			**N**	**N**	**N**	**N**	**N**	**N**
Sample Depth (bgs)			**4 (ft)**	**1 (ft)**	**5 (ft)**	**10 (ft)**	**2 (ft)**	**5 (ft)**
Sample Name			**PW07-SV-4**	**DGA-021-1-SG**	**DGA-021-5-SG**	**DGA-021-10-SG**	**DGA-022-2-SG**	**DGA-022-5-SG**
Volatile Organic Compounds (µg/m^3)								
Bromodichloromethane	70	11	< 16	< 100	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	18	**160**	< 20	< 20	**73**	**190**	**93**
cis-1,2-Dichloroethene	100		< 16	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	370	67	**330**	**560**	**370**	**770**	**98**	**34**
Trichloroethene	350	100	**7600**	**770**	**600**	**5000**	**860**	**440**

Notes:

1. Results in **bold** are detected.
2. Results are shown in micrograms per cubic meter (µg/m^3)
3. <: Result is not detected above the indicated reporting limit.
4. Detected results were screened agaist Health-Based Remediation Goals. Results detected above the Health-Based Remediation Goals are shaded in gray.
5. ESL = 2019 San Francisco Bay Regional Water Quality Control Board Vapor Environmental Screening Levels

TABLE 2B
SOIL GAS ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

			Previous Boring	Step Out Borings						
Location			**PW-12**	**DGA-013**			**DGA-014**		**DGA-015**	
Sample Date			**7/30/2020**	**03/08/2022**	**03/09/2022**		**03/09/2022**		**03/09/2022**	
Sample Type	**HBRG**	**Vapor ESL: Commercial/ Industrial Cancer Risk**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
Sample Depth (bgs)			**3 (ft)**	**1 (ft)**	**5 (ft)**	**10 (ft)**	**2.5 (ft)**	**5 (ft)**	**2 (ft)**	**5 (ft)**
Sample Name			**PW12-SV-3**	**DGA-013-1-SG**	**DGA-013-5-SG**	**DGA-013-10-SG**	**DGA-014-2.5-SG**	**DGA-014-5-SG**	**DGA-015-2-SG**	**DGA-015-5-SG**
Volatile Organic Compounds (µg/m^3)										
Bromodichloromethane	70	11	**17**	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	18	**20**	< 20	< 20	< 20	< 20	< 20	< 20	< 20
cis-1,2-Dichloroethene	100		< 2	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	370	67	**1500**	**180**	< 20	**130**	**260**	**90**	< 20	< 20
Trichloroethene	350	100	**35**	**54**	< 20	**81**	< 20	< 20	< 20	< 20

Notes:

1. Results in **bold** are detected.
2. Results are shown in micrograms per cubic meter (µg/m^3)
3. <: Result is not detected above the indicated reporting limit.
4. Detected results were screened agaist Health-Based Remediation Goals. Results detected above the Health-Based Remediation Goals are shaded in gray.
5. ESL = 2019 San Francisco Bay Regional Water Quality Control Board Vapor Environmental Screening Levels

TABLE 2B
SOIL GAS ANALYTICAL RESULTS - BUILDING 29 CENTRAL
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

			Previous Borings		Stepout Borings								
Location			**PW-09**	**B29-V09**	**DGA-016**		**DGA-017**					**DGA-019**	
Sample Date			**7/30/2020**	**5/22/2018**	**03/10/2022**		**03/08/2022**					**03/10/2022**	
Sample Type	**HBRG**	**Vapor ESL: Commercial/ Industrial Cancer Risk**	**N**	**N**	**N**	**N**	**N**	**FD**	**N**	**FD**	**N**	**N**	**N**
Sample Depth (bgs)			**4.5 (ft)**	**1 (ft)**	**2 (ft)**	**5 (ft)**	**1 (ft)**		**5 (ft)**		**10 (ft)**	**2 (ft)**	**5 (ft)**
Sample Name			**PW09-SV-4.5**	**B29-V09-1'**	**DGA-016-2-SG**	**DGA-016-5-SG**	**DGA-017-1-SG**	**DGA-017-1-SG REP**	**DGA-017-5-SG**	**DGA-017-5-SG REP**	**DGA-017-10-SG**	**DGA-019-2-SG**	**DGA-019-5-SG**
Volatile Organic Compounds (µg/m^3)													
Bromodichloromethane	70	11	**140**	< 68	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	18	**410**	**170**	**61**	< 20	**140**	**120**	**57**	**68**	**41**	**30**	**23**
cis-1,2-Dichloroethene	100		< 80	< 40	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	370	67	< 80	< 34	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Trichloroethene	350	100	**14000**	**11000**	**4900**	**250**	**2700**	**2700**	**840**	**890**	**1400**	**2600**	**550**

Notes:

1. Results in **bold** are detected.
2. Results are shown in micrograms per cubic meter (µg/m^3)
3. <: Result is not detected above the indicated reporting limit.
4. Detected results were screened agaist Health-Based Remediation Goals. Results detected above the Health-Based Remediation Goals are shaded in gray.
5. ESL = 2019 San Francisco Bay Regional Water Quality Control Board Vapor Environmental Screening Levels

TABLE 2C
SOIL GAS ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

			Previous Borings				Step Out Borings									
Location			**B29-V16**	**PW-14**		**B29-V19**	**DGA-009**			**DGA-011**		**DGA-003**		**DGA-004**		
Sample Date			**5/22/2018**	**7/30/2020**		**5/22/2018**	**03/09/2022**			**03/09/2022**		**03/08/2022**		**03/08/2022**		
Sample Type	**HBRG**	**Vapor ESL: Commercial/ Industrial Cancer Risk**	**N**	**N**	**FD**	**N**	**N**	**FD**	**N**	**N**	**N**	**N**	**N**	**N**	**N**	**N**
Sample Depth (bgs)			**1 (ft)**	**4 (ft)**		**1 (ft)**	**2 (ft)**	**2 (ft)**	**5 (ft)**	**2 (ft)**	**5 (ft)**	**2 (ft)**	**5 (ft)**	**1 (ft)**	**5 (ft)**	**10 (ft)**
Sample Name			**B29-V16-1'**	**PW13-SV-4**		**B29-V19-1'**	**DGA-009-2-SG**	**DGA-009-2-SG REP**	**DGA-009-5-SG**	**DGA-011-2-SG**	**DGA-011-5-SG**	**DGA-003-2-SG**	**DGA-003-5-SG**	**DGA-004-1-SG**	**DGA-004-5-SG**	**DGA-004-10-SG**
Volatile Organic Compounds (µg/m^3)																
Bromodichloromethane	70	11	< 68	< 2	< 800	< 68	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	18	< 25	**26**	< 800	< 25	< 20	< 20	< 20	< 20	< 20	< 20	< 20	**80**	< 20	< 20
cis-1,2-Dichloroethene	100		< 40	**3.8**	**4300**	**1300**	**17000**	**14000**	**1400**	< 100	**180**	< 100	< 100	**5800**	**140000**	**15000**
Tetrachloroethene	370	67	**340**	**4.7**	< 800	< 34	**66**	**56**	< 20	**35**	< 20	< 20	< 20	**100**	< 20	< 20
Trichloroethene	350	100	**16000**	**91**	**64000**	**9800**	**2300**	**1900**	**150**	**860**	**160**	**260**	**33**	**18000**	**6600**	**3900**

Notes:

1. Results in **bold** are detected.
2. Results are shown in micrograms per cubic meter (µg/m^3)
3. <: Result is not detected above the indicated reporting limit.
4. Detected results were screened agaist Health-Based Remediation Goals. Results detected above the Health-Based Remediation Goals are shaded in gray.
5. ESL = 2019 San Francisco Bay Regional Water Quality Control Board Vapor Environmental Screening Levels

TABLE 2C
SOIL GAS ANALYTICAL RESULTS - BUILDING 29 SOUTH
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

			Previous Boring	Step Out Borings			
Location	**HBRG**	**Vapor ESL: Commercial/ Industrial Cancer Risk**	**PW-15**	**DGA-007**		**DGA-008**	
Sample Date			**7/30/2020**	**03/10/2022**		**03/08/2022**	
Sample Type			**N**	**N**	**N**	**N**	**N**
Sample Depth (bgs)			**4.5 (ft)**	**2 (ft)**	**5 (ft)**	**2 (ft)**	**5 (ft)**
Sample Name			**PW15-SV-4.5**	**DGA-007-2-SG**	**DGA-007-5-SG**	**DGA-008-2-SG**	**DGA-008-5-SG**
Volatile Organic Compounds (µg/m^3)							
Bromodichloromethane	70	11	< 200	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	18	< 200	**120**	**75**	< 20	< 20
cis-1,2-Dichloroethene	100		< 200	< 100	< 100	< 100	< 100
Tetrachloroethene	370	67	< 200	**20**	< 20	< 20	< 20
Trichloroethene	350	100	**13000**	**5600**	**1500**	**1300**	**330**

Notes:

1. Results in **bold** are detected.
2. Results are shown in micrograms per cubic meter (µg/m^3)
3. <: Result is not detected above the indicated reporting limit.
4. Detected results were screened agaist Health-Based Remediation Goals. Results detected above the Health-Based Remediation Goals are shaded in gray.
5. ESL = 2019 San Francisco Bay Regional Water Quality Control Board Vapor Environmental Screening Levels

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location Portion of Building 29 Sample Name Sample Date Sample Type Sample Depth (bgs)	California MCL	ESL Groundwater Commercial/ Industrial	DGA-005 South DGA-005-20-GW 03/10/2022 N 20 (ft)	DGA-012 Central DGA-012-20-GW 03/09/2022 N 20 (ft)	DGA-018 Central DGA-018-20-GW 03/09/2022 N 20 (ft)	DGA-020 North DGA-020-20-GW 03/09/2022 N 20 (ft)
Volatile Organic Compounds (µg/L)						
1,1,1,2-Tetrachloroethane	-	17	< 2	< 4	< 2	< 4
1,1,1-Trichloroethane	200	6300	< 1	< 2	< 1	< 2
1,1,2,2-Tetrachloroethane	1	14	< 1	< 2	< 1	< 2
1,1,2-Trichloroethane	5	23	< 1	< 2	< 1	< 2
1,1-Dichloroethane	5	33	**6.8** [A]	< 2	< 1	< 2
1,1-Dichloroethene	6	280	< 1	< 2	< 1	< 2
1,1-Dichloropropene	-	-	< 1	< 2	< 1	< 2
1,2,3-Trichlorobenzene	-	-	< 1	< 2	< 1	< 2
1,2,3-Trichloropropane	0.005	94	< 5	< 10	< 5	< 10
1,2,4-Trichlorobenzene	5	150	< 1	< 2	< 1	< 2
1,2,4-Trimethylbenzene	-	-	< 1	< 2	< 1	< 2
1,2-Dibromo-3-chloropropane (DBCP)	0.2	0.34	< 10	< 20	< 10	< 20
1,2-Dibromoethane (Ethylene Dibromide)	0.05	0.76	< 1	< 2	< 1	< 2
1,2-Dichlorobenzene	600	11000	< 1	< 2	< 1	< 2
1,2-Dichloroethane	0.5	9.8	< 0.5	< 1	< 0.5	< 1
1,2-Dichloropropane	5	10	< 1	< 2	< 1	< 2
1,3,5-Trimethylbenzene	-	-	< 1	< 2	< 1	< 2
1,3-Dichlorobenzene	-	-	< 1	< 2	< 1	< 2
1,3-Dichloropropane	-	-	< 1	< 2	< 1	< 2
1,4-Dichlorobenzene	5	11	< 1	< 2	< 1	< 2
2,2-Dichloropropane	-	-	< 1	< 2	< 1	< 2
2-Butanone (Methyl Ethyl Ketone)	-	9500000	< 20	< 40	< 20	< 40
2-Chlorotoluene	-	-	< 1	< 2	< 1	< 2
2-Hexanone (Methyl Butyl Ketone)	-	-	< 10	< 20	< 10	< 20
2-Phenylbutane (sec-Butylbenzene)	-	-	< 1	< 2	< 1	< 2
4-Chlorotoluene	-	-	< 1	< 2	< 1	< 2
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	2300000	< 10	< 20	< 10	< 20
Acetone	-	97000000	**24**	< 40	< 20	< 40
Benzene	1	1.8	< 0.5	< 1	< 0.5	< 1
Bromobenzene	-	-	< 1	< 2	< 1	< 2

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location Portion of Building 29 Sample Name Sample Date Sample Type Sample Depth (bgs)	California MCL	ESL Groundwater Commercial/ Industrial	DGA-005 South DGA-005-20-GW 03/10/2022 N 20 (ft)	DGA-012 Central DGA-012-20-GW 03/09/2022 N 20 (ft)	DGA-018 Central DGA-018-20-GW 03/09/2022 N 20 (ft)	DGA-020 North DGA-020-20-GW 03/09/2022 N 20 (ft)
Volatile Organic Compounds (µg/L)						
Bromodichloromethane	-	3.8	< 1	< 2	< 1	< 2
Bromoform	-	510	< 5 *+	< 10 *+	< 5 *+	< 10 *+
Bromomethane (Methyl Bromide)	-	73	< 25	< 50	< 25	< 50
Carbon disulfide	-	-	< 10	< 20	< 10	< 20
Carbon tetrachloride	0.5	1.9	< 0.5	< 1	< 0.5	< 1
Chlorobenzene	70	1700	< 1	< 2	< 1	< 2
Chlorobromomethane	-	-	< 2	< 4	< 2	< 4
Chloroethane	-	97000	< 5	< 10	< 5	< 10
Chloroform (Trichloromethane)	-	3.6	< 1	< 2	< 1	< 2
Chloromethane (Methyl Chloride)	-	1100	< 10	< 20	< 10	< 20
cis-1,2-Dichloroethene	6	210	**38** [A]	< 2	< 1	< 2
cis-1,3-Dichloropropene	-	-	< 0.5	< 1	< 0.5	< 1
Cymene (p-Isopropyltoluene)	-	-	< 1	< 2	< 1	< 2
Dibromochloromethane	-	-	< 2	< 4	< 2	< 4
Dibromomethane	-	-	< 1	< 2	< 1	< 2
Dichlorodifluoromethane (CFC-12)	-	-	< 5 *+	< 10 *+	< 5 *+	< 10 *+
Ethylbenzene	300	15	< 1	< 2	< 1	< 2
Isopropylbenzene (Cumene)	-	-	< 1	< 2	< 1	< 2
m,p-Xylenes	-	-	< 2	< 4	< 2	< 4
Methyl Tert Butyl Ether (MTBE)	13	2000	< 1	< 2	< 1	< 2
Methylene chloride (Dichloromethane)	5	94	< 10	< 20	< 10	< 20
Naphthalene	-	20	< 10	< 20	< 10	< 20
n-Butylbenzene	-	-	< 1	< 2	< 1	< 2
n-Propylbenzene	-	-	< 1	< 2	< 1	< 2
o-Xylene	-	-	< 1	< 2	< 1	< 2
Styrene	100	36000	< 1	< 2	< 1	< 2
tert-Butylbenzene	-	-	< 1	< 2	< 1	< 2
Tetrachloroethene	5	2.8	< 1	< 2	< 1	< 2
Toluene	150	4900	< 1	< 2	< 1	< 2
trans-1,2-Dichloroethene	10	920	**1.4**	< 2	< 1	< 2

TABLE 3
GROUNDWATER ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location Portion of Building 29 Sample Name Sample Date Sample Type Sample Depth (bgs)	California MCL	ESL Groundwater Commercial/ Industrial	DGA-005 South DGA-005-20-GW 03/10/2022 N 20 (ft)	DGA-012 Central DGA-012-20-GW 03/09/2022 N 20 (ft)	DGA-018 Central DGA-018-20-GW 03/09/2022 N 20 (ft)	DGA-020 North DGA-020-20-GW 03/09/2022 N 20 (ft)
Volatile Organic Compounds (µg/L)						
trans-1,3-Dichloropropene	-	-	< 0.5	< 1	< 0.5	< 1
Trichloroethene	5	7.5	**340** [AB]	**4.7**	**7.5** [A]	**7.2** [A]
Trichlorofluoromethane (CFC-11)	150	-	< 10	< 20	< 10	< 20
Trifluorotrichloroethane (Freon 113)	1200	-	< 10	< 20	< 10	< 20
Vinyl acetate	-	-	< 10	< 20	< 10	< 20
Vinyl chloride	0.5	0.14	< 0.5	< 1	< 0.5	< 1

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than California MCL.
   [B]: Result is greater than ESL Groundwater Vapor Intrusion for Commercial/Industrial, July 2019 (Rev. 2).

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
µg/L = micrograms per liter.
bgs = below ground surface.

FIGURES

GIS FILE PATH: G:\43559_North Campus\000_Global\GISMaps\2022_05_GAP\127827_043_0001_SITE_LOCUS.mxd - USER: dfm - LAST SAVED: 5/3/2022 12:17:27 PM

MAP SOURCE: ESRI
USGS QUAD: NATIONAL CITY, IMPERIAL BEACH
SITE COORDINATES: 32°38'03.8"N, 117°05'56.9"W

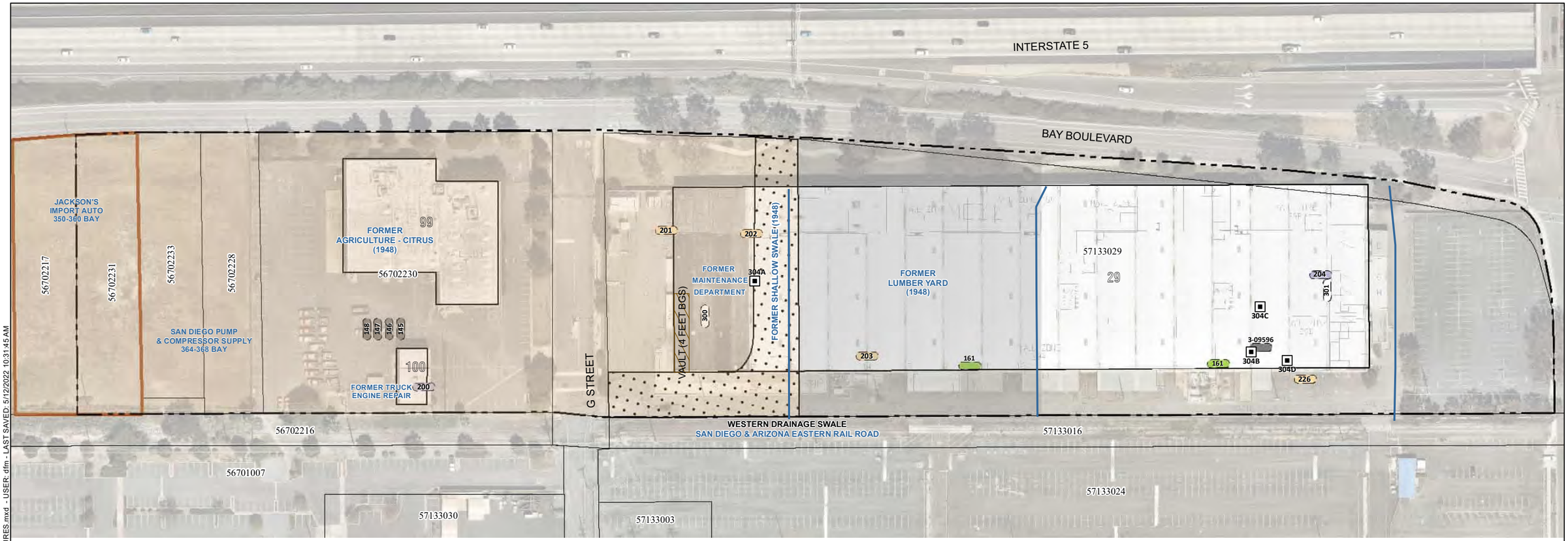
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SITE LOCUS

APPROXIMATE SCALE: 1 IN = 2,000 FT
JUNE 2022

FIGURE 1



LEGEND

- FORMER MILLS/LATHES
- FORMER VESSELS AND VAULTS
- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- STORM WATER CONVEYANCE SYSTEM
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- FORMER EXCAVATION AREA
- SHALLOW SWALE (1948)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

0 125 250
SCALE IN FEET

HALEY ALDRICH

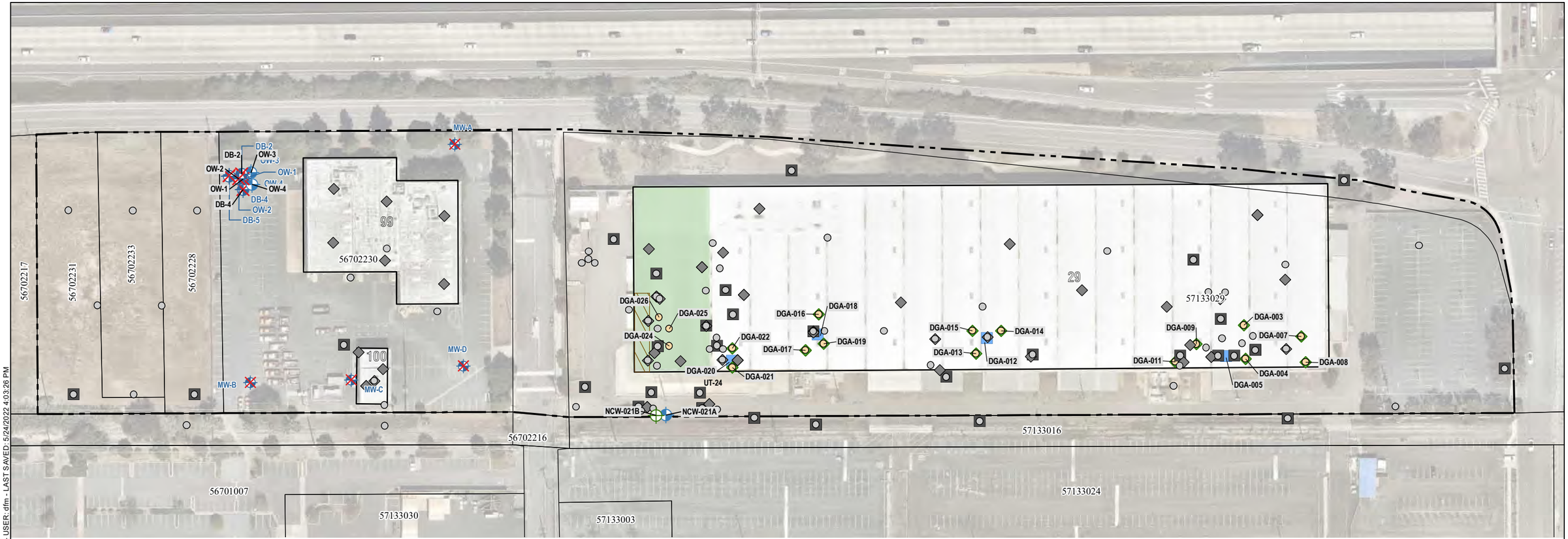
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

HISTORICAL ENVIRONMENTAL SITE FEATURES

JUNE 2022

FIGURE 2

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2022_05_GAP\127827_043_0002_HISTORICAL_ENV_SITE_FEATURES.mxd - USER: dfm - LAST SAVED: 5/12/2022 10:31:45 AM



LEGEND

- EXISTING MONITORING WELL
- DESTROYED MONITORING WELL/TRANSDUCER

2022 SAMPLE LOCATIONS

- SOIL
- SOIL GAS
- GROUNDWATER

HISTORICAL SAMPLE LOCATIONS

- SOIL
- SOIL GAS
- GROUNDWATER

- VAULT (4 FEET BGS, INSTALLED IN 2000)
- TO BE RAZED AND EXCAVATED 5 FEET BELOW GROUND SURFACE TO CONSTRUCT LOADING DOCK
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

0 125 250
SCALE IN FEET

HALEY ALDRICH

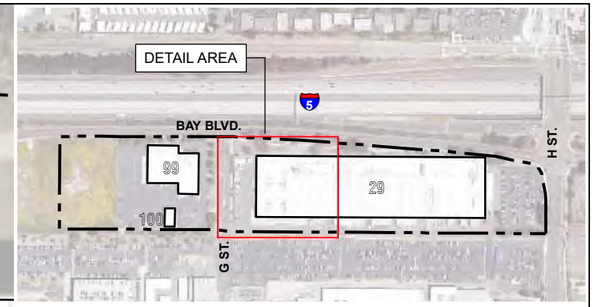
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SAMPLE LOCATION MAP

JUNE 2022

FIGURE 3

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2022_05_GAP\127827_043_0003_SAMPLE_LOCATION_MAP.mxd - USER: dfm - LAST SAVED: 5/24/2022 4:03:26 PM



LEGEND

TCE CONCETRATIONS IN VADOSE ZONE SOIL (mg/kg)

- ND
- ND - 0.1
- 0.1 - 1.5 (HBRG)
- 1.5 - 27 (GPL)
- > 27 (GPL)
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- TO BE RAZED AND EXCAVATED 5 FEET BELOW GROUND SURFACE TO CONSTRUCT LOADING DOCK
- VAULT (4.5 FEET BGS, INSTALLED IN 2000)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)
3. < = LESS THAN LABORATORY DETECTION LIMITS ARE SHOWN
4. TCE = TRICHLOROETHENE
5. HIGHEST DETECTED TCE CONCENTRATION USED FOR COLOR GRADING.
6. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

0 40 80
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

TCE IN VADOSE ZONE SOIL BUILDING 29 NORTH

JUNE 2022

FIGURE 4A

B11
2.5' : < 0.005
16.0' : < 0.005

B29-04
0.5' : < 0.005
4.5' : < 0.005

B29-02
0.5' : < 0.005
1.5' : < 0.0052

B29-27
0.5' : 0.275
4.5' : 0.00273

B29-26
0.5' : 0.737
4.5' : 0.0186

PW-06
3.0' : 0.02

DGA-026
3.0' : 0.0042
4.5' : 0.0042
6.0' : 0.0034

B29-25
0.5' : < 0.001
4.5' : < 0.001

PW-03
10.0' : 0.011

B29-24
0.5' : 7.83
4.5' : 0.0925

DGA-024
1.0' : 0.43
3.0' : 0.16
4.5' : 0.041

B15
5.0' : < 0.005
10.0' : < 0.005
15.0' : < 0.005

B29-23
0.5' : 37.8
4.5' : 0.0502

PW-02
6.5' : 0.14

B29-22
0.5' : 1.33
4.5' : 0.0474

B29-03
0.5' : < 0.0052
2.5' : 0.00064 J

B29-01
0.5' : < 0.0051
1.5' : < 0.005

B29-28
0.5' : 1.43
4.5' : 0.00228

B29-32A
0.5' : < 0.001
4.5' : < 0.001

DGA-025
1.5' : 0.58
3.0' : 0.051
5.0' : 0.033

UT-23
1.00 : < 0.005
5.00 : 0.059

B29-07
0.5' : < 0.0051
2.5' : < 0.0052

B29-06
0.5' : < 0.0051
4.5' : < 0.0049

B29-32B
0.5' : < 0.001
4.5' : < 0.001

B29-32C
0.5' : < 0.001
4.5' : < 0.001

B29-29
0.5' : 0.0779
4.5' : 0.00313

B29-05
1.5' : 0.015
4.5' : 0.014

DGA-022
1.0' : < 0.002
5.0' : < 0.002
10.0' : < 0.002

PW-07
1.5' : 0.023

DGA-021
1.0' : < 0.002
5.0' : < 0.002
10.0' : < 0.002

UT-24
1.00 : < 0.005
5.00 : < 0.005

UT-66
1.00 : < 0.005
5.00 : < 0.005

B29-09
0.5' : < 0.005
4.5' : < 0.005

B29-30
0.5' : 0.0229
4.5' : < 0.001

DGA-016
1.0' : < 0.002
5.0' : < 0.002
10.0' : < 0.002

B29-31
0.5' : 0.0011
4.5' : < 0.001

DGA-019
1.0' : < 0.002
6.5' : < 0.002
10.0' : < 0.002

DGA-017
1.0' : < 0.002
5.0' : < 0.002
10.0' : < 0.002

UT-19
1.00 : < 0.005
5.00 : < 0.005

201
202
203
300

FORMER MAINTENANCE DEPARTMENT

G STREET

WESTERN DRAINAGE SWALE
SAN DIEGO & ARIZONA EASTERN RAIL ROAD

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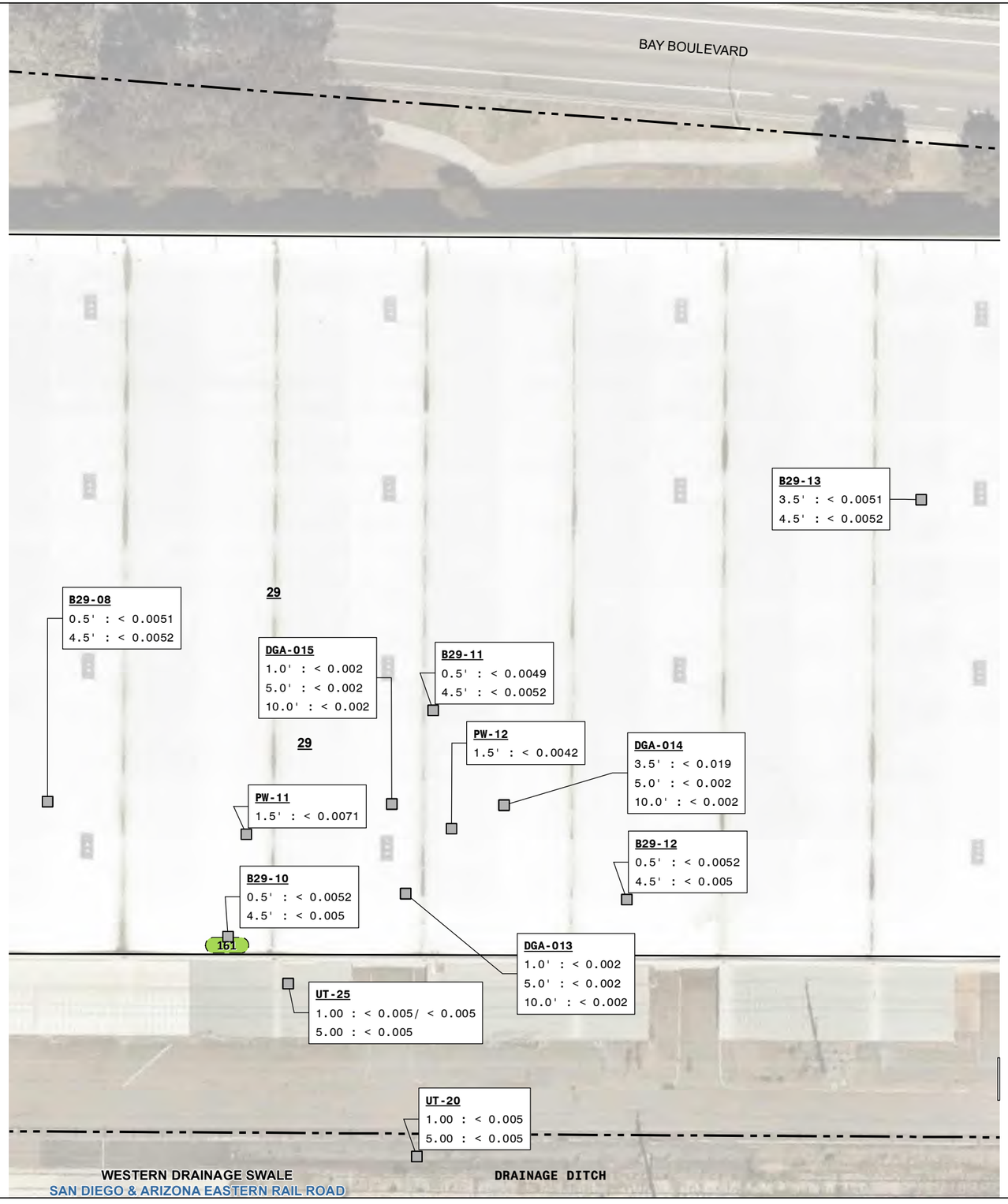

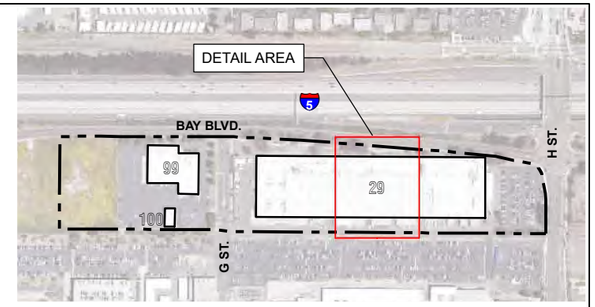

LEGEND

TCE CONCETRATIONS IN VADOSE ZONE SOIL (mg/kg)

- ND
- ND - 0.1
- 0.1 - 1.5 (HBRG)
- 1.5 - 27 (GPL)
- > 27 (GPL)
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)
3. < = LESS THAN LABORATORY DETECTION LIMITS ARE SHOWN
4. TCE = TRICHLOROETHENE
5. HIGHEST DETECTED TCE CONCENTRATION USED FOR COLOR GRADING.
6. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2020

0 40 80
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

TCE IN VADOSE ZONE SOIL BUILDING 29 CENTRAL

JUNE 2022

FIGURE 4B

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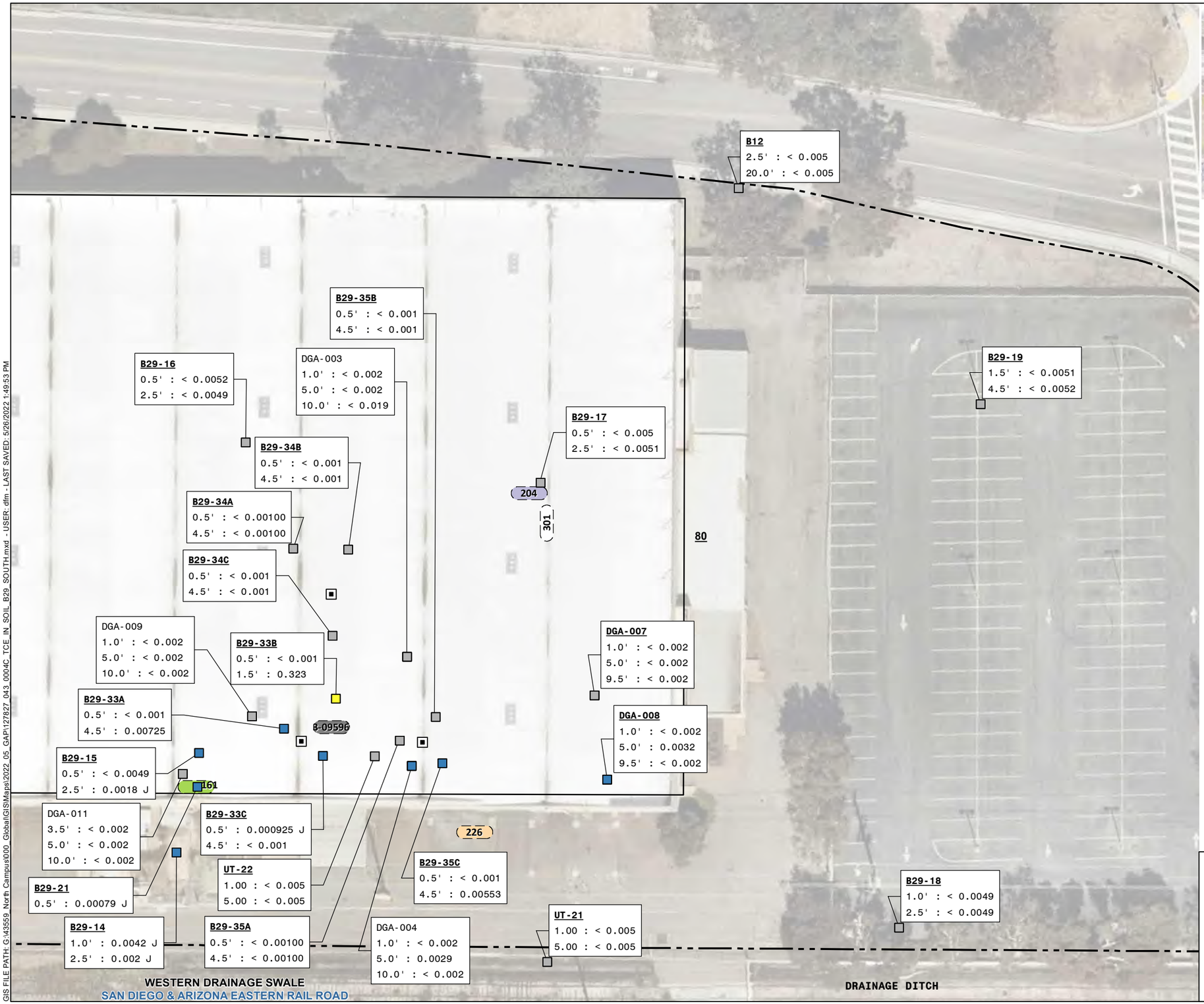
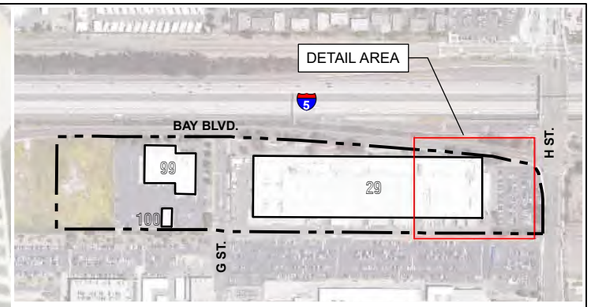




LEGEND

TCE CONCETRATIONS IN VADOSE ZONE SOIL (mg/kg)

- ND
- ND - 0.1
- 0.1 - 1.5 (HBRG)
- 1.5 - 27 (GPL)
- > 27 (GPL)
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)
3. < = LESS THAN LABORATORY DETECTION LIMITS ARE SHOWN
4. TCE = TRICHLOROETHENE
5. HIGHEST DETECTED TCE CONCENTRATION USED FOR COLOR GRADING.
6. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

0 40 80
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

TCE IN VADOSE ZONE SOIL BUILDING 29 SOUTH

JUNE 2022

FIGURE 4C

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2022_05_GAP\127827_043_0004C_TCE_IN_SOIL_B29_SOUTH.mxd - USER: dfm - LAST SAVED: 5/26/2022 1:49:53 PM

B29-V07	05/23/2018	05/23/2018
	1	5
CF	240	1,500
PCE	2,200	11,000
TCE	7,800	51,000

DGA-022	03/10/2022	03/10/2022
	2	5
CF	190	93
TCE	860	440

B29-V06	05/23/2018	
	5	
B	34/29	
TCE	120/100	

B29-V09	05/22/2018	
	1	
CF	170	
TCE	11,000	

DGA-016	03/10/2022	
	2	
TCE	4,900	

PW-09	07/30/2020	
	4.5	
BDCM	140	
CF	410	
TCE	14,000	

DGA-011	03/09/2022	03/09/2022
	2	5
cDCE	-	180
TCE	860	-

DGA-009	03/09/2022	03/09/2022
	2	5
cDCE	17,000/14,000	1,400
TCE	2,300/1,900	-

PW-14	07/30/2020
	4
TCE	64,000/64,000

PW-04	07/31/2020
	5
TCE	1,400

B29-V04	05/23/2018	05/23/2018
	1	5
PCE	--	430
TCE	7,500	27,000

PW-06	07/31/2020
	3.5
CF	1,600
TCE	160,000

PW-03	07/31/2020
	9.5
CF	6,800/7,100
TCE	1,100,000/1,100,000

B29-V03	05/23/2018	05/24/2018
	1	5
CF	12,000	39,000
TCE	920,000	3,000,000

PW-02	07/31/2020
	9.5
CF	18,000
TCE	2,900,000

B29-V01	05/24/2018	05/25/2018
	5	10
TCE	450/450	3,400

PW-05	07/31/2020
	4
CF	16,000
PCE	5,800
TCE	2,400,000

B29-V02	05/24/2018
	5
PCE	780
TCE	1,500

PW-07	07/31/2020
	4
CF	160
TCE	7,600

B29-V08	05/24/2018	05/24/2018
	5	10
PCE	2,200	1,600
TCE	2,100	1,500

DGA-021	03/08/2022	03/10/2022	03/10/2022
	1	5	10
PCE	560	-	770
TCE	770	600	5,000

DGA-019	03/10/2022	03/10/2022
	2	5
TCE	2,600	550

DGA-017	03/08/2022	03/10/2022	03/10/2022
	1	5	10
CF	140/120	-	-
TCE	2,700/2,700	840/890	1,400

PW-12	07/30/2020
	3
PCE	1,500

B29-V16	05/22/2018
	1
TCE	16,000

DGA-004	03/08/2022	03/08/2022	03/09/2022
	1	10	5
cDCE	5,800	15,000	140,000
TCE	18,000	3,900	6,600

B29-V19	05/22/2018
	1
TCE	9,800

DGA-007	03/10/2022	03/10/2022
	2	5
CF	120	-
TCE	5,600	1,500

PW-15	07/30/2020
	4.5
TCE	13,000

DGA-008	03/08/2022
	2
TCE	1,300

B99-V03, B99-V04, B100-V02, PW-08, B29-V10, B29-V05, B29-V12, B29-V18, B29-V04, PW-04, PW-06, PW-03, B29-V07, B29-V06, B29-V11, B29-V15, PW-16, B29-V17, PW-13, DGA-016, B29-V09, PW-09, DGA-015, PW-11, PW-12, DGA-014, B29-V14, DGA-003, DGA-007, B29-V19, PW-15, DGA-009, B29-V16, PW-14, DGA-022, B29-V03, PW-02, PW-05, PW-07, DGA-017, DGA-019, DGA-013, B29-V13, DGA-011, DGA-004, DGA-008, B29-V08, DGA-021, B29-V01, B29-V02, 29, G STREET, H STREET

LEGEND

- SOIL GAS PROBE WITH ONE OR MORE VOC(s) EXCEEDING AN HBRG
- SOIL GAS PROBE WITH NO HBRG EXCEEDANCES
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT (4.5 FEET BGS, INSTALLED IN 2000)
- TO BE RAZED AND EXCAVATED 5 FEET BELOW GROUND SURFACE TO CONSTRUCT LOADING DOCK
- SUBJECT SITE
- 29 BUILDING NUMBER

LOCATION ID	B29-V01	05/24/2018	05/25/2018
		5	10
	B	130/140	-
	CF	48/56	56
	PCE	83	-
CHEMICAL NAME	TCE	450/450	3,400

SAMPLING DATE

SAMPLE DEPTH BELOW GROUND SURFACE IN FEET

CONCENTRATIONS IN µg/m³

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. * = THESE SAMPLE LOCATIONS WERE NOT EVALUATED SINCE THEY ARE LOCATED IN THE PORTION OF THE BUILDING THAT IS TO BE DEMOLISHED.
5. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

0 100 200
SCALE IN FEET

ABBREVIATIONS (HBRG [IN µg/m^3] INDICATED IN PARANTHESES)::

BDCM = BROMODICHLOROMETHANE (70)
CF = CHLOROFORM (80)
cDCE = cis-1,2-DICHLOROETHENE (100)
PCE = TETRACHLOROETHENE (370)
TCE = TRICHLOROETHENE (350)

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

VOCs IN SOIL GAS COMPARED TO HEALTH-BASED REMEDIATION GOALS

JUNE 2022

FIGURE 5

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2022_05_GAP\127827_043_0005_SOIL_VAPOR_COPCs_EXCEED_SCREEN.mxd — USER: dfm — LAST SAVED: 6/10/2022, 9:06:02 AM

INTERSTATE 5

BAY BOULEVARD

H STREET

G STREET

B11:< 1

B12:< 1

B29-04: 0.79*

B29-28:63.8

B29-32C:< 1.00

B29-30:5.36

DGA-018:7.5

B29-23:1280

B29-12:0.67*

B29-05: 7.9*

DGA-012:4.7

UT-23:520

DGA-020:7.2

UT-25:< 1

B29-16:< 1*

B29-34C:< 1*

UT-22:42

B29-33C:1.52*

B29-35C:17*

B29-15:2.7*

B29-20:< 0.5*

UT-24:4.7

UT-66:< 1

UT-20:< 1

DGA-005:340

B15:3.3

UT-21:< 1

B29-03:750*

UT-18:< 1

B29-07:21

UT-19:< 1

29

100

1000

100

10

10

10

10

LEGEND

- GROUNDWATER SAMPLE LOCATION
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE
- PAINT BOOTH
- DEGREASER

- TRICHLOROETHENE (TCE) CONTOUR IN ZONE A GROUNDWATER (ug/L)
- TO BE RAZED AND EXCAVATED 3 FEET BBELOW GROUND SURFACE TO CONSTRUCT LOADING DOCK
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µg/L)
3. * = UPPER ZONE B DATA
4. < = LESS THAN LABORATORY DETECTION LIMITS ARE SHOWN
5. TCE = TRICHLOROETHENE
6. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

N

0 100 200
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

TCE IN ZONE A GROUNDWATER

JUNE 2022

FIGURE 6

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2022_05_GAP\127827_043_0006_EXTENT_OF_TCE_IN_GROUNDWATER.mxd — USER: dfm — LAST SAVED: 5/23/2022 9:30:20 AM

APPENDIX A

DEHQ Boring/Well Permit

PERMIT # LMWP-005376
A.P.N. #: 571-330-35-00
EST #: RWQCB

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH & QUALITY
LAND AND WATER QUALITY DIVISION
MONITORING WELL PROGRAM

MONITORING WELL/BORING CONSTRUCTION PERMIT

SITE NAME: ROHR, INC, A COLLINS AEROSPACE COMPANY

SITE ADDRESS: 0 G ST, CHULA VISTA, CA 91910

PERMIT FOR: **CONSTRUCTION OF MONITORING WELLS (2) & SOIL BORINGS (5)**

PERMIT APPROVAL DATE: 2/28/2022

PERMIT EXPIRES ON: 6/28/2022

RESPONSIBLE PARTY: ROHR, INC, A COLLINS AEROSPACE COMPANY (TYLER ADKINS)

PERMIT TERMS:

1. Wells must have a **minimum 3-foot concrete surface seal**. The surface seal shall consist of concrete able to withstand the maximum anticipated load without cracking or deteriorating. The concrete should meet Class A specifications of a minimum 4000-pound compressive strength. **Bentonite slurries are not an acceptable annular sealing material in the unsaturated zone.**

2. All borings must be sealed from the bottom of the boring to the ground surface with an approved sealing material as specified in California Well Standards Bulletin 74-90, Part III, Section 19.D. **Drill cuttings are not an acceptable fill material. Bentonite slurries are not an acceptable fill material in the unsaturated zone.**

3. All borings must be properly destroyed within 24 hours of drilling.

4. Placement of any sealing material at a depth greater than 30 feet must be done using the tremie method.

5. This work is not connected to any known unauthorized release of hazardous substances. Any contamination found in the course of drilling and sampling must be reported to the DEHQ. All water and soil resulting from the activities covered by this permit must be managed, stored and disposed of as specified in the SAM Manual in Section 5, II, D-4**.** In addition, drill cuttings must be properly handled and disposed in compliance with the Stormwater Best Management Practices of the local jurisdiction.

6. Within 60 days of completing work, submit a well construction report, including all well and/or boring logs and laboratory data to the Well Permit Desk. This report must include all items required by the SAM Manual, Section 5, Pages 6 & 7.

7. This office must be given 24-hour notice of any drilling activity on this site and advanced notification of drilling cancellation. Please contact the Well Permit Desk at (858) 505-6688.

NOTE: **This permit does not constitute approval of a work plan as defined in Section 2722 of Article 11 of C.C.R., Title 23. Work plans are required for all unauthorized release investigations in San Diego County.**

APPROVED BY: Jon Senaha DATE: 2/28/2022

Jon Senaha

2 Drillers

PERMIT APPLICATION
GROUNDWATER
AND VADOSE MONITORING WELLS
AND EXPLORATORY OR TEST BORINGS

OFFICE USE ONLY
PERMIT LMWP# 005376
SAM CASE Y/N # RWQCB
DATE RECEIVED: 2/24/2022
FEE PAID: $939
CHECK # ONLINE

A. RESPONSIBLE PARTY [1] Rohr Inc., a Collins Aerospace Company E-mail Tyler.Adkins@collins.com

Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910-2098

Contact Person Tyler Adkins Phone 619.691.2020 Ext.____

INDEMNIFICATION OBLIGATION: To the fullest extent permitted by law, County shall not be liable for, and Responsible Party shall defend, indemnify and hold harmless the County and its Directors, officers, agents, employees and volunteers (collectively "County Parties"), against any and all actions, direct or third-party claims, deductibles, self-insured retentions, demands, liability, judgments, awards, fines, mechanics' liens or other liens, labor disputes, losses, damages, expenses, charges or costs of any kind or character, including attorneys' fees and court costs (hereinafter collectively referred to as "Claims"), which arise out of or are in any way connected to the issuance of this Permit or performance of any work pursuant to the Permit, including without limitation, any action brought to attack, set aside, void or annul the issuance of the Permit under the California Environmental Quality Act, Public Resources Code section 21000, et seq., or any other environmental law, and any action based on or alleging the damage, destruction, loss, or take of private property pursuant to Article I, Section 19, of the California Constitution or the Fifth Amendment to the U.S. Constitution, and further including, without limitation, any Claims caused by the sole passive negligence or the concurrent negligent act, error or omission, whether active or passive, of County Parties. Responsible Party shall have no obligation, however, to defend or indemnify County Parties from a Claim if it is determined by a court of competent jurisdiction that such Claim was caused by the sole active negligence or willful misconduct of County Parties.

RESPONSIBLE PARTY SIGNATURE: _____ DATED: 2/21/22

B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE # T10000011095 (2092900)

C. CONSULTING FIRM Haley & Aldrich, Inc.

Mailing Address 5333 Mission Center Road, Suite 300 City San Diego State CA Zip 92108

Registered Professional Robert K. Scott Phone619-285-7141 Registration #5334/734(PG/CHg)

E-mail bscott@haleyaldrich.com

Contact Person Bob Scott Phone619-285-7141 Ext____ Email bscott@haleyaldrich.com

D. DRILLING COMPANY H&P Mobile Geochemistry, Inc C57#920371

Contact Name Scott Mayfield E-mail Scott.Mayfield@Handpmg.com

Mailing Address

2470 Impala Drive City Carlsbad State CA Zip 92010

Phone 760.804.9678 Ext.____

[1] Per San Diego County Code Section 67.402, the Responsible Party is any person who has ,or who has contracted or otherwise caused to have, a monitoring well constructed ,repaired, re-constructed or destroyed . Per this definition ,the consultant and driller are not the Responsible Party. They are contracted by the Responsible Party.

E. CONSTRUCTION INFORMATION

TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED	#	MATERIALS TO BE USED — CASING	MATERIALS TO BE USED — SEAL/BORING BACKFILL	PROPOSED CONSTRUCTION
☐ Groundwater	___	**Not Applicable**	☐ Neat Cement	Estimated Groundwater Depth: 10 ft.
☐ Vadose	___	Type	☐ Cement & Bentonite	Estimated Depth of Boring: 10 to15 ft.
☒ Boring	5	Gauge ____	☐ Sand-Cement	Bentonite Seal: 0 to 15
☐ Soil Vapor	___	Diameter 2-inch	☒ Bentonite	Annular Seal: ____to____
☐ Other	___	Screen Size ____	☐ Other	Filter Pack: ____to____
		Filter Pack ____	Borehole diameter ____	Perforation: ____to____
NUMBER OF WELLS TO BE DESTROYED		**Drilling Method**		**NOTE: Attach a well construction diagram**
☐ Destruction	___	☐ Auger	☐ Air Rotary	
		☒ Direct Push	☐ Sonic	
		☐ Other ____	☐ Percussion	

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE Bruce Bolhuis DATE 2/18/2022

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk (858) 505-6688 with a complete well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

PG/RCE/CEG SIGNATURE Robert K. Scott DATE 2/24/2022

F. SITE INFORMATION - A Property Owner Consent agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties. Submit a separate sheet for additional parcels.

1. **ASSESSOR'S PARCEL NUMBER** 571-330-29-00

Site Name Rohr, Inc , a Collins Aerospace Company

Site Address 850 Lagoon Drive City Chula Vista Zip 91910

PROPERTY OWNER Emil J. Wohl PSIP Wohl Bay Boulevard LLC

Phone 619.296.4113 Ext. ____ Fax : 619.374.2934

Mailing Address 2251 San Diego Avenue, Suite A-247 City San Diego State CA Zip 92110

NUMBER OF WELLS 5 **TYPE OF WELLS** Hydropunch borings

2. ASSESSOR'S PARCEL NUMBER _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ **TYPE OF WELLS** _____

G. QUESTIONNAIRE: Please answer all applicable questions completely *and submit any required supportive documentation.*

1. What is the purpose of the well/boring investigation?

☒ a. Part of an ongoing site assessment case in which a government regulator is the lead agency. If yes, indicate which government regulator is the lead agency and the case number.

- ☐ Department of Environmental Health _____
- ☒ Regional Water Quality Control Board T10000011095
- ☐ Department of Toxic Substances Control _____

☐ b. Part of a Phase I investigation for property ownership transfer.

☐ c. Geotechnical investigation for proposed construction or land stabilization.

☐ d. Other: _____

2. If wells are to be destroyed, provide a description of method of destruction _____
3. Are you proposing a variation from current SAM Manual Requirements for the construction or destruction of borings, Vadose and/or Groundwater Monitoring Wells? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines. Yes ☐ No ☒

_____

2 Drillers

PERMIT APPLICATION
GROUNDWATER
AND VADOSE MONITORING WELLS
AND EXPLORATORY OR TEST BORINGS

OFFICE USE ONLY
PERMIT LMWP# 005376
SAM CASE Y/N # RWQCB
DATE RECEIVED: 2/24/2022
FEE PAID: $939
CHECK # ONLINE

A. RESPONSIBLE PARTY [1] Rohr Inc., a Collins Aerospace Company E-mail Tyler.Adkins@collins.com

Mailing Address 850 Lagoon Drive City Chula Vista State CA Zip 91910-2098

Contact Person Tyler Adkins Phone 619.691.2020 Ext.____

INDEMNIFICATION OBLIGATION: To the fullest extent permitted by law, County shall not be liable for, and Responsible Party shall defend, indemnify and hold harmless the County and its Directors, officers, agents, employees and volunteers (collectively "County Parties"), against any and all actions, direct or third-party claims, deductibles, self-insured retentions, demands, liability, judgments, awards, fines, mechanics' liens or other liens, labor disputes, losses, damages, expenses, charges or costs of any kind or character, including attorneys' fees and court costs (hereinafter collectively referred to as "Claims"), which arise out of or are in any way connected to the issuance of this Permit or performance of any work pursuant to the Permit, including without limitation, any action brought to attack, set aside, void or annul the issuance of the Permit under the California Environmental Quality Act, Public Resources Code section 21000, et seq., or any other environmental law, and any action based on or alleging the damage, destruction, loss, or take of private property pursuant to Article I, Section 19, of the California Constitution or the Fifth Amendment to the U.S. Constitution, and further including, without limitation, any Claims caused by the sole passive negligence or the concurrent negligent act, error or omission, whether active or passive, of County Parties. Responsible Party shall have no obligation, however, to defend or indemnify County Parties from a Claim if it is determined by a court of competent jurisdiction that such Claim was caused by the sole active negligence or willful misconduct of County Parties.

RESPONSIBLE PARTY SIGNATURE: SEE ABOVE DATED: _____

B. SITE ASSESSMENT PROJECT NUMBER – IF APPLICABLE # 2092900

C. CONSULTING FIRM Haley & Aldrich, Inc.

Mailing Address 5333 Mission Center Road, Suite 300 City San Diego State CA Zip 92108

Registered Professional Robert K. Scott Phone 619-285-7141 Registration #5334/734(PG/CHg)

E-mail bscott@haleyaldrich.com

Contact Person Bob Scott Phone 619-285-7141 Ext____ Email bscott@haleyaldrich.com

D. DRILLING COMPANY CASCADE Drilling and Technical Services C57# 1058336

Contact Name Jose Sagrero E-mail jsagrero@cascade-env.com

Mailing Address 1333 W 9TH STREET City UPLAND State CA Zip 91786

Phone 909-946-1605 Ext.____

[1] Per San Diego County Code Section 67.402, the Responsible Party is any person who has, or who has contracted or otherwise caused to have, a monitoring well constructed, repaired, re-constructed or destroyed. Per this definition, the consultant and driller are not the Responsible Party. They are contracted by the Responsible Party.

E. CONSTRUCTION INFORMATION

TYPE OF WELLS/ BORINGS TO BE CONSTRUCTED

	#
☒ Groundwater	2 (Well Cluster)
☐ Vadose	___
☐ Boring	___
☐ Soil Vapor	___
☐ Other	___

NUMBER OF WELLS TO BE DESTROYED

☐ Destruction ___

MATERIALS TO BE USED

CASING

Not Applicable
Type Auger
Gauge_____
Diameter 4-**inch**
Screen Size _____
Filter Pack _____

SEAL/BORING BACKFILL

☐ Neat Cement
☒ Cement & Bentonite
☐ Sand-Cement
☐ Bentonite
☐ Other
Borehole diameter _____

Drilling Method

X Auger
☐ Direct Push
☐ Other _____
☐ Air Rotary
☒ Sonic
☐ Percussion

PROPOSED CONSTRUCTION

Estimated Groundwater Depth: 10 ft.
Estimated Depth of Boring: 25 and 55 ft.
Concrete Seal: 0 to 3
Annular Seal: _____to_____
Filter Pack: _____to_____
Perforation: _____to_____
(See attached for well completions)
NOTE: Attach a well construction diagram

I agree to comply with the requirements of the current Site Assessment and Mitigation Manual, and with all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction.

DRILLER'S SIGNATURE Jose Sayre DATE 2/17/2022

Within 60 days of completion, I will furnish the Monitoring Well Permit Desk (858) 505-6688 with a complete well/boring log. I will certify the design and construction or destruction of the well/borings in accordance with the permit application.

PG/RCE/CEG SIGNATURE Robert K. Scott DATE 2/24/2022

F. SITE INFORMATION - A Property Owner Consent agreement is required for all applications, except for onsite, open LOP/SAM site assessment cases, Caltrans properties and military properties. Submit a separate sheet for additional parcels.

1. ASSESSOR'S PARCEL NUMBER 571-330-29-00

Site Name Rohr, Inc , a Collins Aerospace Company

Site Address 850 Lagoon Drive City Chula Vista Zip 91910

PROPERTY OWNER Emil J. Wohl PSIP Wohl Bay Boulevard LLC

Phone 619.296.4113 Ext. _____ Fax : 619.374.2934

Mailing Address 2251 San Diego Avenue, Suite A-247 City San Diego State CA Zip 92110

NUMBER OF WELLS 2 **TYPE OF WELLS** Monitoring Wells

2. ASSESSOR'S PARCEL NUMBER _____

Site Address _____ City _____ Zip _____

PROPERTY OWNER _____

Phone _____ Ext. _____ Fax _____

Mailing Address _____ City _____ State _____ Zip _____

NUMBER OF WELLS _____ **TYPE OF WELLS** _____

G. QUESTIONNAIRE: Please answer all applicable questions completely *and submit any required supportive documentation*.

1. What is the purpose of the well/boring investigation?

☒ a. Part of an ongoing site assessment case in which a government regulator is the lead agency. If yes, indicate which government regulator is the lead agency and the case number.

- ☐ Department of Environmental Health _____
- ☒ Regional Water Quality Control Board T10000011095
- ☐ Department of Toxic Substances Control _____

☐ b. Part of a Phase I investigation for property ownership transfer.

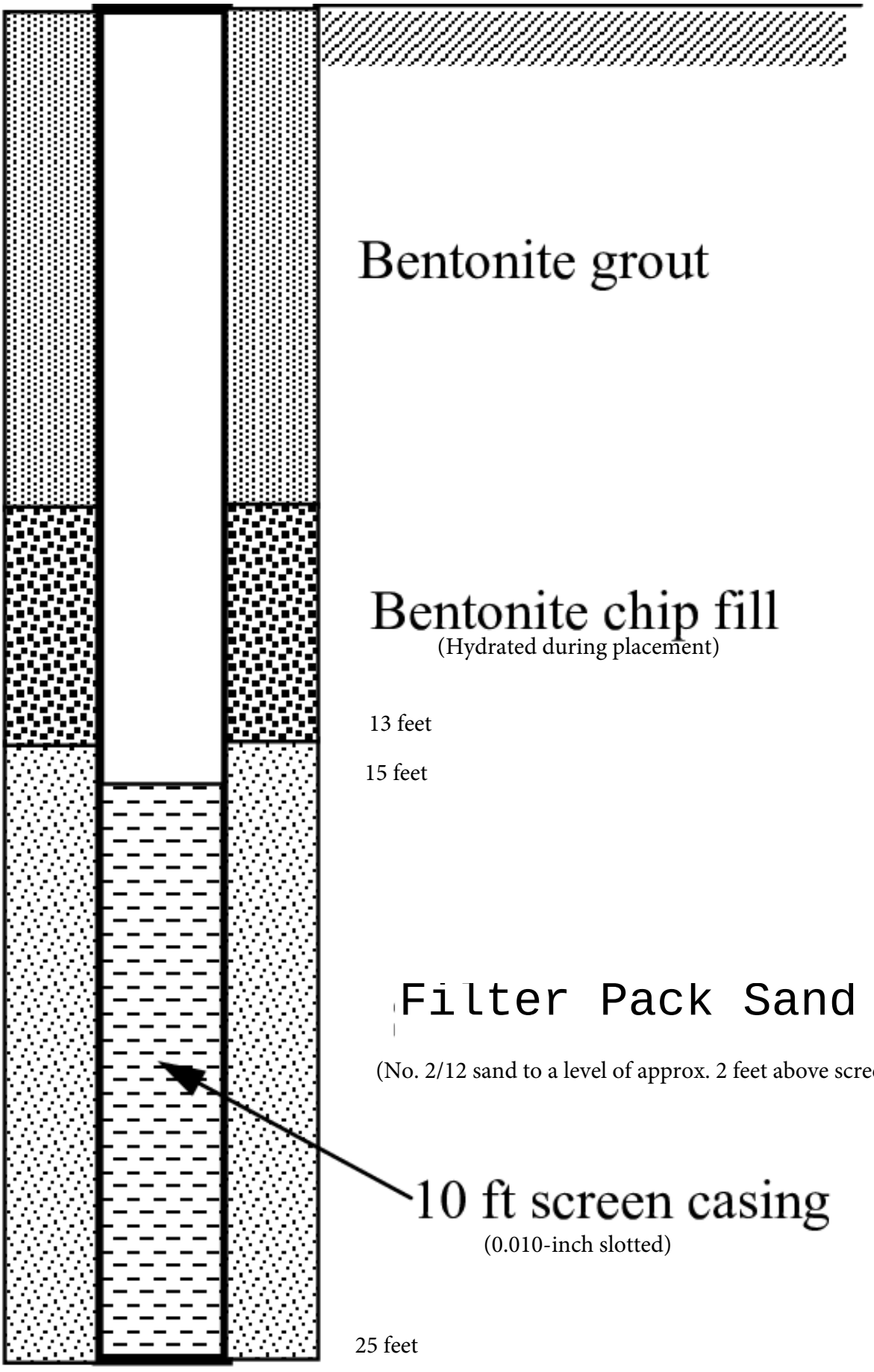
☐ c. Geotechnical investigation for proposed construction or land stabilization.

☐ d. Other: _____

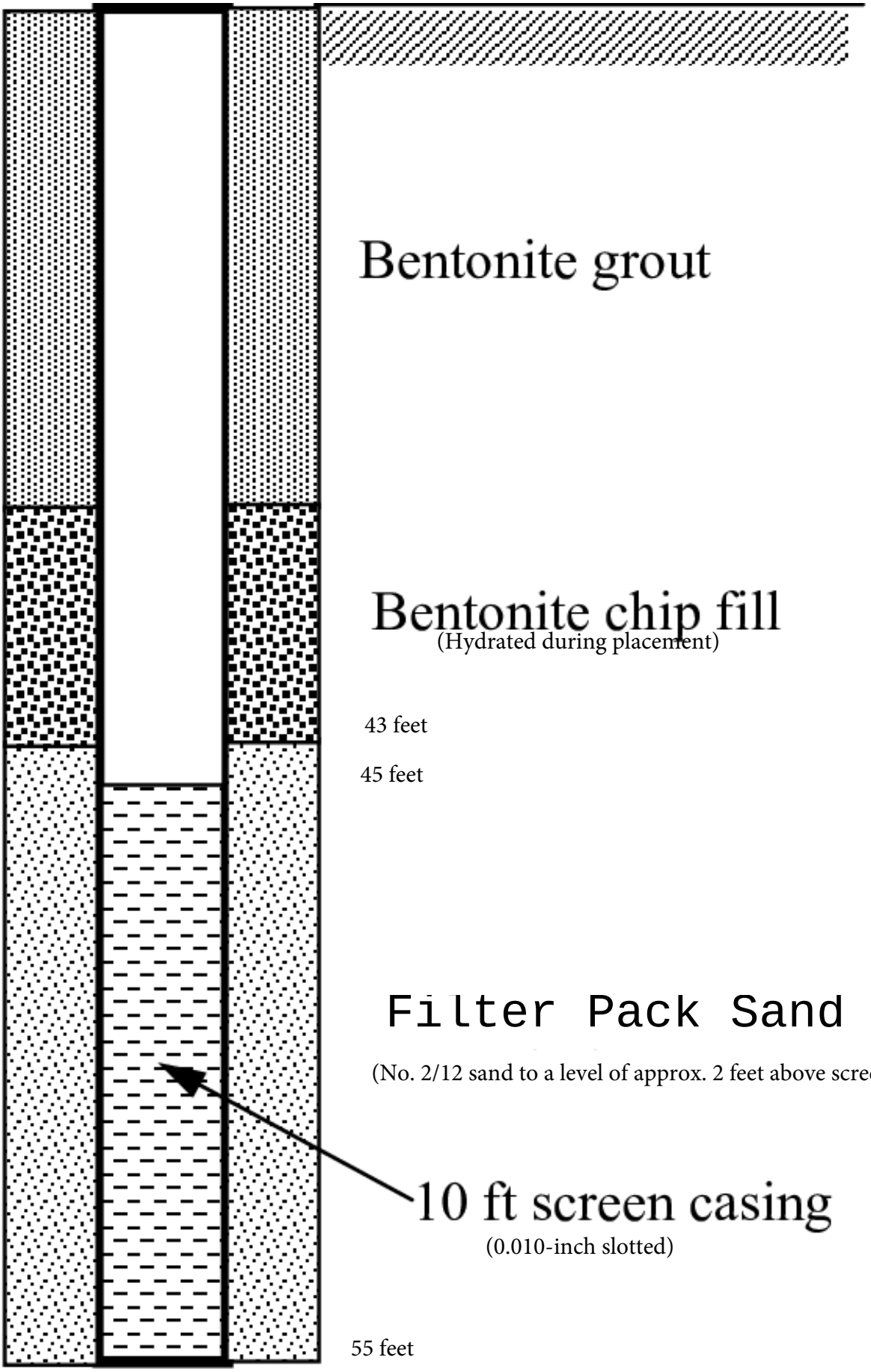
2. If wells are to be destroyed, provide a description of method of destruction _____

3. Are you proposing a variation from current SAM Manual Requirements for the construction or destruction of borings, Vadose and/or Groundwater Monitoring Wells? If yes, specify these variations and include a well construction diagram and all required supporting documentation. Refer to the SAM Manual Appendix B for monitoring well guidelines. Yes ☐ No ☒

Zone A Well
4-inch Diameter, Schedule 40 PVC Casing



Upper Zone B Well (TD=Approx. 55 feet bgs)
4-inch Diameter, Schedule 40 PVC Casing



County of San Diego

AMY HARBERT
ACTING DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH & QUALITY
LAND AND WATER QUALITY DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
Phone: (858) 505-6688 or (800) 253-9933 Fax: (858) 505-6789
www.sdcdeh.org

PROPERTY OWNER CONSENT

Proposed locations for subsurface work:

Property Address:	**Assessor's Parcel Number (APN):**
850 Lagoon Drive	571-330-29-00
Chula Vista, CA 91910-2098	_____

I, Emil J. Wohl, owner of the property/properties listed above, give my permission to Haley & Aldrich, Inc. (consulting company, contractor) to conduct the following work at the locations stated above.

x ☐ Install 2 monitoring wells ☐ Destroy _____ monitoring wells x☐ Drill 5 soil borings

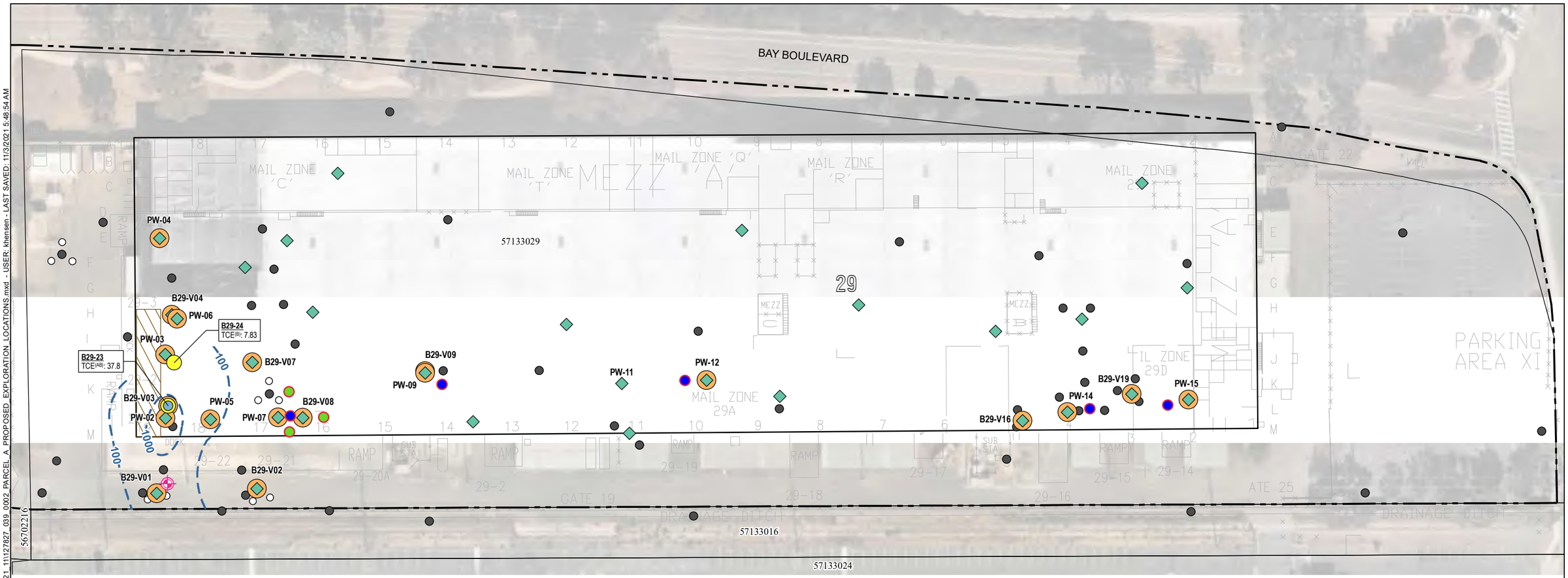
I understand that Robert K. Scott (registered professional) of Haley & Aldrich, Inc. (consulting company) and an authorized signer for Cascade Drilling and H&P Geochemistry (drilling companies) have submitted a signed application to the Department of Environmental Health & Quality (DEHQ) in which they have agreed to complete the above-stated work according the requirements of the current SAM Manual, all ordinances and laws of the County of San Diego and the State of California pertaining to well/boring construction and destruction. I have arranged with the Responsible Party, the person who causes to have monitoring wells/borings installed or existing wells destroyed on this property, to ensure proper closure of the monitoring wells/borings.

Property Owner Signature: _____ Date: 2/23/2022

Print Name: Emil J. Wohl Title: Principal

Company: PSIP Wohl Bay Boulevard LLC

Mailing Address: 2251 San Diego Avenue, Suite A-247, San Diego, CA 92110



LEGEND

- SOIL GAS PROBE AND/OR SOIL BORING
- NOT ANALYZED FOR VOCs IN SOIL
- ANALYZED FOR VOCs IN SOIL

VOCs EXCEEDING SCREENING CRITERIA

- GPL (SOIL)
- COMMERCIAL/INDUSTRIAL DTSC-SL (SOIL)
- SOIL GAS SAMPLE LOCATION WITH CONCENTRATIONS GREATER THAN HEALTH-BASED REMEDIATION GOALS
- SUBJECT SITE
- TRICHLOROETHENE (TCE) CONTOUR IN ZONE A GROUNDWATER (ug/L)
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- 56701029 — ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- 29 — BUILDING NUMBER

PROPOSED SAMPLE LOCATIONS

- HYDROPUNCH BORING (FIVE)
- GROUNDWATER MONITORING WELL CLUSTER (TWO WELLS)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. TCE CONCENTRATIONS ARE REPORTED IN MILLIGRAMS PER KILOGRAM (mg/kg).
3. TCE = TRICHLOROETHENE
4. POSTSCRIPT KEY:
(A) = EXCEEDS GPL
(B) = EXCEEDS COMMERCIAL/INDUSTRIAL DTSC-SL
5. AERIAL IMAGERY SOURCE: NEARMAP, 3 SEPTEMBER 2021

0 80 160
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

PROPOSED EXPLORATION LOCATIONS

FEBRUARY2022

FIGURE 1

GIS FILE PATH: C:\Users\khensen\OneDrive - haleyaldrich.com\Desktop\KH_LOCAL\127827_North_Campus\GIS\Maps\2021_11\127827_039_0002_PARCEL_A_PROPOSED_EXPLORATION_LOCATIONS.mxd - USER: khensen - LAST SAVED: 11/3/2021 5:48:54 AM

APPENDIX B

Boring and Well Logs

GEOPROBE BORING REPORT

Boring No. DGA-003

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 8, 2022
Finish March 8, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.6
Datum NAVD88
Location See Plan
N 1,809,943
E 6,300,698

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
			ND			Yellowish to dark brown silty SAND, no odor, moist, with trace angular gravel
	DGA-003-1 Soil Probe	1.0 2.5				-FILL-
			ND	3.5	CL	Yellowish to reddish-brown sandy CLAY, no odor, moist
5	DGA-003-5 Soil Probe	5.0 10.0				-BAY POINT FORMATION-
10				10.0	SM	Yellowish-brown silty SAND, no odor, moist
						BOTTOM OF EXPLORATION 10.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples
Boring No. DGA-003

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-004

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 8, 2022
Finish March 8, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.5
Datum NAVD88
Location See Plan
N 1,810,000
E 6,300,714

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0			ND	0.5		6-in. CONCRETE
	DGA-004-1 Soil Probe	1.0 2.5				Yellowish to reddish-brown silty SAND, no odor, moist -FILL-
5	DGA-004-5 Soil Probe	5.0 5.0	ND	5.0	CL	Reddish-brown to dark brown sandy CLAY, no odor, moist -BAY POINT FORMATION-
10	DGA-004-0 Soil Probe	10.0 10.0	ND	10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. DGA-004

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-005

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 8, 2022
Finish March 8, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation
Datum NAVD88
Location See Plan
N 1,809,985
E 6,300,673

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
						Yellowish to reddish-brown silty SAND, no odor, moist, with trace angular gravel
						-FILL-
				4.0		
			ND		CL	Reddish-brown to dark brown sandy CLAY, strong petroleum-like odor, moist, with trace angular gravel
5						
						-BAY POINT FORMATION-
10						
15						
			ND	20.0		
20	DGA-005-20 GW	20.0 20.0				BOTTOM OF EXPLORATION 20.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. DGA-005

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-007

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 8, 2022
Finish March 8, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.6
Datum NAVD88
Location See Plan
N 1,809,924
E 6,300,723

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
			ND			Yellowish to dark-brown silty SAND, no odor, moist, with trace angular gravel
	DGA-007-1 Soil Probe	1.0 2.5				-FILL-
			ND	3.5	CL	Reddish-brown to brown sandy CLAY, no odor, moist
5	DGA-007-5 Soil Probe	5.0 9.5				-BAY POINT FORMATION-
				9.0	SM	Reddish-brown silty SAND, no odor, moist
	DGA-007-9.5	9.5 10.0	ND			
10				10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-007**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-008

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 8, 2022
Finish March 8, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.4
Datum NAVD88
Location See Plan
N 1,809,909
E 6,300,693

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0			ND	0.5		6-in. CONCRETE
	DGA-009-1 Soil Probe	1.0 2.5				Yellowish to dark-brown silty SAND, no odor, moist, with trace angular fine to medium gravel -FILL-
			ND	3.0	CL	Yellowish-brown to reddish-brown sandy CLAY, no odor, moist
5	DGA-009-5 Soil Probe	5.0 5.0				-BAY POINT FORMATION-
			ND	9.0	SM	Reddish-brown silty SAND, no odor, wet, with fine to medium sand
10	DGA-009-5	10.0 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT Note: Hydropunch at 19 ft bgs.

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. DGA-008

Field Tests:
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-009

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 8, 2022
Finish March 8, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.5
Datum NAVD88
Location See Plan
N 1,810,052
E 6,300,672

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
			ND			Yellowish to brown silty SAND, no odor, moist, with trace angular gravel
	DGA-003-1 Soil Probe	1.0 2.5				-FILL-
			ND	3.5	ML	Brown to dark brown SILT, no odor, moist
						-BAY POINT FORMATION-
5	DGA-003-5 Soil Probe	5.0 10.0	ND	5.0	CL	Yellowish to reddish-brown silty CLAY, no odor, moist
			ND			
10				10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-009**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-011

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 8, 2022
Finish March 8, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.5
Datum NAVD88
Location See Plan
N 1,810,071
E 6,300,642

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
			ND			Yellowish to brown silty SAND, no odor, moist, with trace angular gravel
	DGA-003-1 Soil Probe	1.0 2.5				-FILL-
			ND	3.5	ML	Reddish-brown CLAY, no odor, moist
5	DGA-003-5 Soil Probe	5.0 10.0				-BAY POINT FORMATION-
				7.0	SM	Yellowish-brown silty SAND, no odor, moist, with mica
			ND			
10				10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. DGA-011

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-012

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.7
Datum NAVD88
Location See Plan
N 1,810,315
E 6,300,596

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0			ND	0.5		6-in. CONCRETE
						Reddish-brown silty SAND, no odor, moist, with trace angular gravel
						-FILL-
5			ND	5.5	CL	Yellowish-to reddish-brown silty CLAY, no odor, moist, with mica
						-BAY POINT FORMATION-
10						
15			ND	16.0	SM	Reddish-brown silty SAND, no odor, wet
20	DGA-017-20 GW	19.5 / 20.0	ND	20.0		BOTTOM OF EXPLORATION 20.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-012**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-013

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.8
Datum NAVD88
Location See Plan
N 1,810,322
E 6,300,573

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
			ND			Yellowish-brown to reddish-brown silty SAND, no odor, moist, with trace angular gravel
	DGA-013-1 Soil Probe	1.0 2.5				-FILL-
			ND	2.0	CL	Yellowish to reddish-brown silty CLAY, no odor, moist
						-BAY POINT FORMATION-
5	DGA-013-5 Soil Probe	5.0 5.0				
			ND	9.0	SM	Yellowish-brown silty SAND, no odor, moist
			ND			
10	DGA-013-10 Soil Probe	10.0 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)
Rock Cored (ft)
Samples

Boring No. DGA-013

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-014

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.7
Datum NAVD88
Location See Plan
N 1,810,300
E 6,300,612

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0			ND	0.5		6-in. CONCRETE
						Reddish-brown silty SAND, no odor, moist, with trace angular gravel
						-FILL-
	DGA-014-3.5 Soil Probe	2.5 3.5				
			ND	4.0	CL	Reddish-brown to brown silty CLAY, no odor, moist
5	DGA-014-5 Soil Probe	5.0 5.0				-BAY POINT FORMATION-
			ND		SM	Silty SAND, trace angular gravel
			ND			
10	DGA-014-10 Soil Probe	10.0 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-014**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-015

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 16.9
Datum NAVD88
Location See Plan
N 1,810,336
E 6,300,600

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
			ND			Yellowish to reddish-brown sandy SILT, no odor, moist, with trace angular gravel
	DGA-015-1 Soil Probe	1.0 2.5				-FILL-
			ND	4.0	CL	Yellowish to reddish-brown to brown silty CLAY, no odor, moist
5	DGA-015-5 Soil Probe	5.0 5.0				-BAY POINT FORMATION-
				8.0	SM	Reddish-brown silty SAND, no odor, moist, with angular gravel
				8.5	CL	Yellowish to reddish-brown to brown silty CLAY, no odor, moist
			ND			
10	DGA-015-10 Soil Probe	10.0 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)
Rock Cored (ft)
Samples

Boring No. DGA-015

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-016

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 17.9
Datum NAVD88
Location See Plan
N 1,810,533
E 6,300,560

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0			ND	0.5		6-in. CONCRETE
	DGA-016-1 Soil Probe	1.0 2.5				Reddish-brown to brown silty SAND, no odor, moist, with trace angular gravel -FILL-
			ND	3.0	CL	Reddish-brown to brown silty CLAY, no odor, moist
5	DGA-016-5 Soil Probe	5.0 5.0				-BAY POINT FORMATION-
			ND			
10	DGA-016-10	10.0 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. DGA-016

Field Tests:
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-017

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 17.9
Datum NAVD88
Location See Plan
N 1,810,536
E 6,300,510

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
			ND		ML	Reddish-brown sandy SILT, no odor, moist
	DGA-017-1 Soil Probe	1.0 1.0				-BAY POINT FORMATION-
			ND	3.5	SM	Reddish-brown silty SAND, no odor, moist
5	DGA-017-5 Soil Probe	5.0 5.0		6.0	SM	Yellowish to reddish-brown silty clayey SAND, no odor, moist
				9.0	CL	Yellowish to reddish-brown silty CLAY, no odor, moist
			ND			
10	DGA-017-10 Soil Probe	10.0 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-017**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-018

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 17.8
Datum NAVD88
Location See Plan
N 1,810,527
E 6,300,534

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
					ML	Reddish-brown sandy SILT, no odor, moist, with trace angular gravel
						-BAY POINT FORMATION-
				2.5	CL	Dark reddish-brown sandy CLAY, no odor, moist, with trace carbonates
5						
				7.5	ML	Yellowish-brown to reddish-brown sandy SILT, no odor, moist, with trace angular gravel
10				11.0	CL	Yellowish-brown silty CLAY, no odor, moist, with mica
15				15.0	ML	6-in. of reddish-brown to dark brown sandy SILT, with trace angular gravel
				18.5	SM	Yellowish-brown to dark brown silty SAND, no odor, wet, with mica
20	DGA-017-20 Soil Probe	20.0 20.0	ND	20.0		BOTTOM OF EXPLORATION 20.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. DGA-018

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC GEOPORBE REPORT LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\043 PARCEL A DATA GAP INVESTIGATION\FIELD DATA\GINT\127827-043TB_DATABASE.GPJ May 2, 22

GEOPROBE BORING REPORT

Boring No. DGA-019

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 17.8
Datum NAVD88
Location See Plan
N 1,810,516
E 6,300,525

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0			ND	0.5		6-in. CONCRETE
	DGA-019-1 Soil Probe	1.0 2.5				Reddish-brown silty SAND, no odor, moist, with trace angular gravel -FILL-
				2.5	CL	Reddish-brown to dark brown silty CLAY, no odor, moist -BAY POINT FORMATION-
5	DGA-019-6.5 Soil Probe	5.0 6.5				
			ND		CL	2-in. reddish-brown to dark brown silty CLAY, no odor, moist, with angular gravel at 7 ft bgs
10	DGA-019-10 Soil Probe	10.0 10.0		10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. DGA-019

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-020

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 18.3
Datum NAVD88
Location See Plan
N 1,810,623
E 6,300,468

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
						Yellowish-brown to reddish-brown silty SAND, no odor, moist, with trace angular gravel
						-FILL-
				3.5	CL	Reddish-brown to dark brown silty CLAY, no odor, moist
5						-BAY POINT FORMATION-
10				11.5	SM	Yellowish-brown to reddish-brown silty SAND, no odor, moist, with mica
				12.5	CL	Yellowish-brown silty CLAY, no odor, moist, with mica
15				15.0	SM	Yellowish-brown silty SAND, no odor, moist
				16.5	CL	Yellowish-brown sandy CLAY, no odor, moist, with mica
				17.0	SM	Yellowish-brown silty SAND, no odor, wet, with mica
20	DGA-020-20 GW	20.0 20.0	ND	20.0		BOTTOM OF EXPLORATION 20.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. DGA-020

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-021

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 18.2
Datum NAVD88
Location See Plan
N 1,810,620
E 6,300,460

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	DGA-021-1 Soil Probe	1.0 1.0				Reddish-brown silty SAND, no odor, moist, with trace angular gravel -FILL-
				3.0		
					CL	Reddish-brown to yellowish-brown sandy CLAY, no odor, moist, with mica -BAY POINT FORMATION-
5	DGA-021-5 Soil Probe	5.0 5.0				
				10.0		
10	DGA-021-10 Soil Probe	10.0 10.0				BOTTOM OF EXPLORATION 10.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-021**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-022

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 18.3
Datum NAVD88
Location See Plan
N 1,810,628
E 6,300,484

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	DGA-022-1 Soil Probe	1.0 2.5	ND			Reddish-brown silty SAND, no odor, moist, with trace angular gravel -FILL-
			ND	3.5	ML	Reddish-brown to yellowish-brown sandy CLAY, no odor, moist, with mica -BAY POINT FORMATION-
5	DGA-022-5 Soil Probe	5.0 5.0				
				7.5	CL	Yellowish-brown to reddish-brown sandy CLAY, no odor, moist
10	DGA-022-10 Soil Probe	10.0 10.0	ND	10.0		BOTTOM OF EXPLORATION 10.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-022**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-024

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 10, 2022
Finish March 10, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 18.7
Datum NAVD88
Location See Plan
N 1,810,707
E 6,300,462

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
			47.2	0.5		Yellowish-brown silty SAND, no odor, moist
						-FILL-
	DGA-024-1 Soil Probe	1.0 1.0	100.9	1.3	ML	Yellowish-brown to reddish-brown sandy SILT, no odor, moist, with trace angular gravel 2-in. decomposed asphalt at 1.5 ft bgs
			111.2	2.8		-BAY POINT FORMATION-
	DGA-024-3 Soil Probe	3.0 3.0			CL	Reddish-brown silty CLAY, no odor, moist, with trace angular gravel
	DGA-024-4.5 Soil Probe	4.5 4.5				
5				5.0		BOTTOM OF EXPLORATION 5.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-024**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-025

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 10, 2022
Finish March 10, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 18.8
Datum NAVD88
Location See Plan
N 1,810,714
E 6,300,483

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0			11.7	0.5		6-in. CONCRETE
						Yellowish-brown silty SAND, no odor, moist
				1.5		-FILL-
	DGA-025-1.5 Soil Probe	1.5 1.5	3.2		ML	Reddish-brown clayey SILT, no odor, moist, with trace angular gravel
						-BAY POINT FORMATION-
	DGA-025-3 Soil Probe	3.0 3.0	3.3	3.0	CL	Reddish to dark brown silty CLAY, no odor, moist
5	DGA-025-5 Soil Probe	5.0 5.0		5.0		BOTTOM OF EXPLORATION 5.0 FT

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. DGA-025

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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GEOPROBE BORING REPORT

Boring No. DGA-026

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Environmental

File No. 127827-043
Sheet No. 1 of 1
Start March 10, 2022
Finish March 10, 2022
Driller K. Seymour
H&A Rep. K. Nelson
Elevation 18.9
Datum NAVD88
Location See Plan
N 1,810,731
E 6,300,494

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
			0.4	2.0		Reddish-brown silty SAND, no odor, moist
	DGA-026-3 Soil Probe	2.5 – 3.0	0.8	3.0		-FILL-
					CL	Reddish-brown silty CLAY, no odor, moist
	DGA-026-4.5 Soil Probe	4.0 – 4.5				-BAY POINT FORMATION-
5						
	DGA-026-6 Soil Probe	5.5 – 6.0	1.8	6.0		BOTTOM OF EXPLORATION 6.0 FT

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. DGA-026**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. NCW-021A

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Drilling

File No. 127827-043
Sheet No. 1 of 1
Start March 9, 2022
Finish March 9, 2022
Driller B. Carranza
H&A Rep. N. Samara
Elevation 14.8
Datum NAVD88
Location See Plan
N 1,810,684
E 6,300,375

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		None	-	Rig Make & Model: Limited-access Hollow-stem Auger
Inside Diameter (in.)	-	1.75	-	Bit Type:
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: 8-inch and 10-inch diameter
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.7		-ASPHALT-
					CL	Brown CLAY, no odor, dry
						-BAY POINT FORMATION-
				2.0	SM	Light brown fine to medium SAND, no odor, dry
5					SM	Brown silty SAND, no odor, moist, trace of clay
10				10.0	ML	Light brown SILT, no odor, wet, with mica
15				15.0	SM	Brown fine grain silty SAND, no odor, wet
					SM	Dark brown to reddish-gray fine to coarse SAND, no odor, wet
20				20.0		BOTTOM OF EXPLORATION 20.0 FT

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. NCW-021A

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. NCW-021B

Project	Parcel A Data Gap Investigation-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Cascade Drilling

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		S	-	Rig Make & Model: Limited-access Hollow-stem Auger
Inside Diameter (in.)	-	2.5	-	Bit Type:
Hammer Weight (lb)	-	C	-	Drill Mud:
Hammer Fall (in.)	-	4	-	Casing:
				Hoist/Hammer: 8-inch and 10-inch diameter
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

File No.	127827-043
Sheet No.	1 of 2
Start	March 8, 2022
Finish	March 9, 2022
Driller	B. Carranza
H&A Rep.	N. Samara
Elevation	14.8
Datum	NAVD88
Location	See Plan N 1,810,696 E 6,300,371

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		Hand Auger 0 to 5 ft.
		0.5		1.0		-ASPHALT-
	NCW-021B-050	5.0			SM	-GRAVEL ROAD BASE- Light brown fine to medium SAND, no structure, no odor, moist -BAY POINT FORMATION-
5					SM	Light brown silty SAND, no odor, moist, with mica, trace clay at 4.5 ft
10				10.0	ML	Brown SILT, no odor, moist to wet, with mica
				11.0	SM	Brown silty SAND, no odor, wet, with mica
15				16.5	SP	Brown coarse SAND, no odor, wet
20						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)
Rock Cored (ft)
Samples

Boring No. NCW-021B

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
20					SM	Dark brown to gray fine to coarse SAND, no odor, wet
25						
30					SM	Becomes gray to olive
35						
40						Note: Continuous sampling resumes.
				40.0	CL	Brown to red silty CLAY, no odor, wet
					CL	Brown silty CLAY with sand, no odor, wet
				44.0	SM	Reddish-brown coarse SAND, no odor, wet
45					SM	Becomes fine sand

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Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
50						
				51.5	SM	Same as above, except bottom of the shoe change to red-brown clay
						BOTTOM OF EXPLORATION 51.5 FT

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APPENDIX C

Temporary Soil Gas Probe Construction Schematics

SOIL VAPOR PROBE CONSTRUCTION

HALEY ALDRICH

Probe ID	2 and 5 foot probes	Site Location	Rohr Parcel A - Building 29
Project Name	Rohr - Parcel A Data Gap Investigation		Chula Vista, California
Project Number	0127827-043	Field Personnel	K. Nelson

Drilling Method	Direct Push
Borehole Diameter	2.25 inches
Drilling Contractor	H&P Mobile Geochemistry

Materials Used

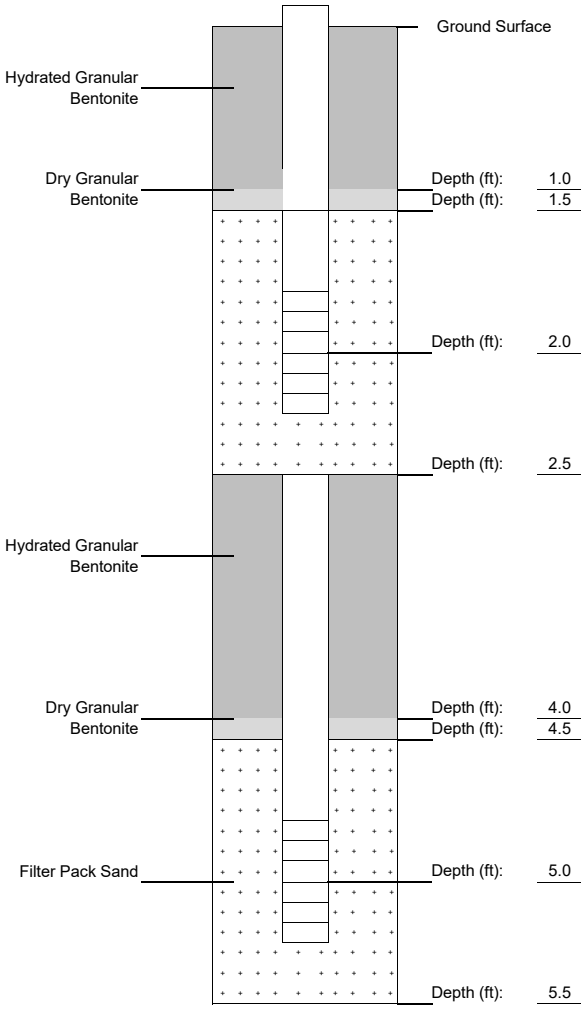
Tubing: [X] 0.25 Diameter (inches)

Construction
- [X] Teflon
- [ ] Nylon
- [ ] Other

Screen: 1.0 Length (inches); 0.38 Diameter (inches); Slot Size

Construction
- [ ] PVC
- [X] Stainless Steel
- [ ] Other

Valve:
- [ ] Brass
- [X] Polycarbonate
- [X] 2-Way
- [ ] 3-Way
- [ ] Other



NOT TO SCALE

Bottom of Boring (ft): 5.5

SOIL VAPOR PROBE CONSTRUCTION

HALEY ALDRICH

Probe ID	5 and 10 foot probes	Site Location	Rohr Parcel A - Building 29
Project Name	Rohr - Parcel A Data Gap Investigation		Chula Vista, California
Project Number	0127827-043	Field Personnel	K. Nelson

Drilling Method	Direct Push
Borehole Diameter	2.25 inches
Drilling Contractor	H&P Mobile Geochemistry

Materials Used

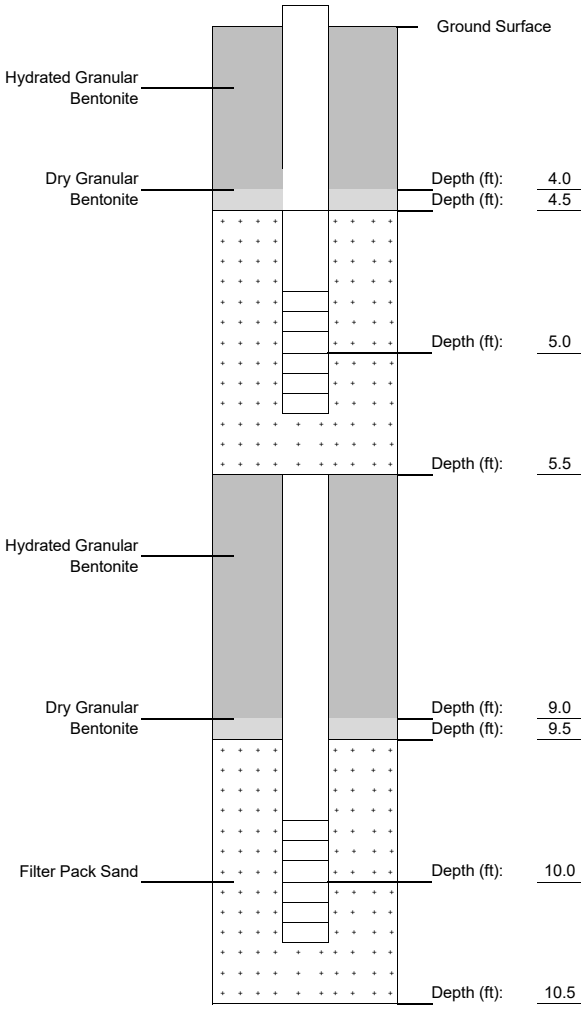
Tubing: [X] 0.25 Diameter (inches)

Construction
- [X] Teflon
- [ ] Nylon
- [ ] Other

Screen: 1.0 Length (inches); 0.38 Diameter (inches); Slot Size

Construction
- [ ] PVC
- [X] Stainless Steel
- [ ] Other

Valve:
- [ ] Brass
- [X] Polycarbonate
- [X] 2-Way
- [ ] 3-Way
- [ ] Other



NOT TO SCALE

Bottom of Boring (ft): 10.5

APPENDIX D

Well Development Logs

T.O.C. - Top of Casing
VOLUME: GAL. PER LIN./FT.
2 IN.=0.17 6 IN.=1.5
3 IN.=0.38 8 IN.=2.51
4 IN.=0.66

CASCADE DRILLING

Development / Purge Record

Date 3.15.2022 Project # 104.22.1005 Site HALEY & ALDRICH

Well I.D. # NCW-021A Water Level T.O.C. 12.25 Ft. Total Depth 20.15 Ft.

Set Up _____ Well Dia. 4 PVC In. Water Column Height 7.9 Ft. Casing Volume 5.21 Gal.

TIME	GAL. PURGED	TEMP	COND. X mS/cm	pH	TURB.	T.D.	DTW	OTHER	
11:20	SET UP	ON WELL # NCW-021A							
11:30	TAG WELL				SOFT→	20.13	12.25		
11:32	BAIL WELL		(2.5 GAL)						
11:37	TAG WELL				HARD→	20.15	13.08		
11:40	SURGE	20'-12'							
12:00	TAG WELL				HARD→	20.15	12.22		
12:05	BAIL WELL		(2.5 GAL)						
12:10	SURGE	20'-12'							
12:30	TAG WELL				HARD→	20.15	12.18		
12:32	BAIL WELL		(2.5 GAL)						
12:40	TAG WELL				HARD→	20.15	13.11		
12:41	INSTALL	MEGA MONSOON		TO 19'	FROM	TOC			
12:45	START	PUMP @	.5 GPM.			ORP mV	12.28	mg/L DO	g/L TDS
12:50	.5 GPM	24.56	1.54	7.74	OVER	139	12.60	7.60	.988
12:55	.5 GPM	25.14	1.50	7.43	OVER	147	12.74	2.80	.961
1:00	.5 GPM	25.28	1.80	7.27	OVER	116	12.70	2.01	1.16
1:05	.5 GPM	25.33	1.79	7.28	795	111	12.73	1.66	1.15
1:10	.5 GPM	25.28	1.74	7.29	372	117	12.72	1.89	1.11
1:15	.5 GPM	25.27	1.77	7.25	245	124	12.73	2.01	1.13
1:20	.5 GPM	25.13	1.77	7.21	112	125	12.75	2.00	1.13
1:25	.5 GPM	25.21	1.78	7.23	61.8	125	12.75	2.01	1.14
1:28	PULL PUMP / WRAP UP SITE.								

Comments: 25 GAL PURGED FROM WELL # NCW-021A

Data Collected By: Don G.

T.O.C. - Top of Casing
VOLUME: GAL. PER LIN./FT.
2 IN.=0.17 6 IN.=1.5
3 IN.=0.38 8 IN.=2.51
4 IN.=0.66

CASCADE DRILLING

Development / Purge Record

Date 3-15-2022 Project # 104-22-1005 Site HALEY & ALDRICH

Well I.D. # NCW-021B Water Level T.O.C. 12.48 Ft. Total Depth 50.88 Ft.

Set Up _____ Well Dia. 4 PVC In. Water Column Height 38.4 Ft. Casing Volume 25.34 Gal.

TIME	GAL. PURGED	TEMP	COND. X mS/cm	pH	TURB.	T.D.	DTW	OTHER	
8:00	H+S MEETING / RIG IN			SET UP	ON WELL				
NCW-021B 8:30	TAG WELL				SOFT →	50.80	12.48		
8:37	BAIL WELL BOTTOM.			(10 GAL)					
8:42	TAG WELL				HARD →	50.88	15.62		
8:55	SURGE	50'-45'	X						
9:05	SURGE	45'-40'	X						
9:15	TAG WELL						12.34		
9:18	BAIL WELL			(5 GAL)					
9:20	TAG WELL				HARD →	50.88	17.30		
9:21	SURGE	50'-45'	X						
9:31	SURGE	45'-40'	X						
9:50	TAG WELL				HARD →	50.88	12.93		
9:53	BAIL WELL			(5 GAL)					
9:55	TAG WELL				HARD →	50.88	17.22		
10:00	INSTALL MEGA MONSOON			TO 49'	FROM TOC				
10:08	START PUMP		2.25 GPM.			ORPmV	13.16	→ 25.7 →	2.31
10:13	2.25	24.23	3.59	7.03	OVER	175	21.58	mg/L DO	GL TDS
10:18	2.25	24.89	3.62	6.91	OVER	156	26.70	2.26	2.32
10:23	2.25	24.93	3.91	6.85	OVER	120	29.32	1.80	2.50
10:28	2.25	24.47	4.16	6.93	OVER	117	30.42	1.96	2.66
10:33	2.25	24.77	4.41	6.83	231	121	30.73	2.01	2.82
10:38	2.25	24.86	4.41	6.88	270	112	30.97	1.86	2.82
10:43	2.25	25.01	4.41	6.84	266	116	31.07	1.80	2.83
10:48	2.25	24.99	4.42	6.84	189	115	31.18	1.78	2.83
PROP RATE 10:53	2.25	25.10	4.43	6.84	175	115	31.24	1.69	2.84
10:58	1 GPM	24.89	4.56	6.85	24.5	67	26.65	1.36	2.87
11:03	1 GPM	24.98	4.54	6.85	4.27	71	24.05	1.40	2.86

11:04 PUMP OFF / PULL PUMP

Comments: APPROX. 125 GAL. PURGE FROM

Data Collected By: DOM G.

APPENDIX E

Waste Manifests

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CA0008382053	1	(800) 326-1221	001201207 WAS

GENERATOR

5. Generator's Name and Mailing Address

Rohr, Inc., A Collins Aerospace Company / EV
850 Lagoon Dr, MZ-M02
Chula Vista, CA 91910-2098
Generator's Phone: (619) 691-2451

Generator's Site Address (if different than mailing address)

Rohr, Inc., A Collins Aerospace Company / EV
850 Lagoon Dr
Chula Vista, CA 91910-2098
GEN: 135123

6. Transporter 1 Company Name: Heritage Transport LLC - FS Signal Hill
U.S. EPA ID Number: IND058484114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
RINECO
1007 VULCAN ROAD HASKELL
BENTON, AR 72015
Facility's Phone: (501) 778-9089
U.S. EPA ID Number: ARD981057870

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	1. NON-RCRA HAZARDOUS WASTE SOLID, (NON-HAZ ASPHALT)	3.	DM	1600	P	141		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1. W411_Q16186602
3x55
ERI: HERITAGE [document] G

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Evan Wilson
Signature
Month: 5 Day: 12 Year: 22

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Antonio Ponce
Signature: Antonio Ponce
Month: 5 Day: 12 Year: 22

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Michelle Clark
Signature
Month: 6 Day: 4 Year: 22

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

3704789-15420

HAZMAT BILL OF LADING/MANIFEST	1. Offeror's ID Number	2. Page 1 of	3. Emergency Response Phone	4. Tracking Number
	CAD008382053	1	(800)326-1221	3704789-15420

5. Offeror's Name and Mailing Address
ROHR, INC., A COLLINS AEROSPACE COMPANY / EV
850 LAGOON DR, MZ-M02
CHULA VISTA, CA 91910-2098
Offeror's Phone: (619)691-2451

Offeror's Site Address (if different than mailing address)
ROHR, INC., A COLLINS AEROSPACE COMPANY /
850 LAGOON DR
CHULA VISTA, CA 91910-2098
GEN: 135123

6. Transporter 1 Company Name
HERITAGE TRANSPORT LLC - TS SIGNAL HILL

U.S. EPA ID Number
IND058484114

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
RINECO
1007 VULCAN ROAD HASKELL
BENTON, AR 72015
Facility's Phone: (501)778-9089

U.S. EPA ID Number
ARD981057870

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
	1. NON-DOT/NON-RCRA REGULATED, WATER FROM DRILLING SOIL BORINGS	5	DM	2500	P
	2. NON-DOT/NON-RCRA REGULATED, SOIL	8	DM	5100	P
	3.				
	4.				
	5.				
	6.				
	7.				

13. Special Handling Instructions and Additional Information
1. W34_01452344 2. W33
5 x 55 8 x 55

ERI:HERITAGE [169597021]

14. **OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Offeror's Printed/Typed Name	Signature	Month	Day	Year
Evan Wilson on behalf of Rohr, Inc.		5	12	22

15. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
ANTONIO PONCE		5	12	22
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

16. Discrepancy

17. Designated Facility Owner or Operator: Certification of receipt of hazardous Bill of Lading/Manifest covered by the manifest except as noted in item 16

Printed/Typed Name	Signature	Month	Day	Year
Michelle Clark		6	4	22

OFFEROR

TRANSPORTER

DESIGNATED FACILITY

DESIGNATED FACILITY TO OFFEROR

APPENDIX F

Professional Survey

J. B. Koenig & Associates, Inc.

3150 E. La Palma Ave., Suite E
Anaheim, California 92806
(714) 237-0931
(714) 237-0987 Fax

March 30, 2022

Haley & Aldrich
5333 Mission Center Rd., Suite 300
San Diego, CA 92108

Re: **Rohr Inc., A Colins Aerospace Company**
850 Lagoon Dr.
Chula Vista, CA

Locations and elevations of the indicated sample points and Monitoring Wells at the subject location have been determined by field survey on March 29, 2022.

Elevations are based on: NGS benchmark DC-1434; elevation being 21.58 feet (NAVD-88).

Horizontal coordinates are based on: Zone 6, California State Plane Coordinates (Feet, NAD83), set relative to NGS Benchmarks DC-1434 and DY-0088, epoch date 2010.00.

Monitoring Well	NAD83 Northing	NAD83 Easting	NAD83 Latitude	NAD83 Longitude	Elevation Top of Casing	Elevation Top of Rim
B29-V08	1810614.22	6300470.28	32.6315063	-117.0983761	N/A	18.11*
B29-V16	1810046.17	6300646.30	32.6299491	-117.0977895	N/A	16.49*
B29-V19**	1809987.35	6300688.87	32.6297884	-117.0976496	N/A	16.56*
B29- 23	1810721.18	6300456.76	32.6318000	-117.0984229	N/A	18.78*
B29- 24	1810727.93	6300478.49	32.6318190	-117.0983525	N/A	18.87*
DGA-002	1809942.79	6300697.70	32.6296661	-117.0976198	N/A	16.51*
DGA-003	1810000.41	6300714.29	32.6298248	-117.0975674	N/A	16.64*
DGA-004	1809984.96	6300673.31	32.6297814	-117.0977001	N/A	16.49*
DGA-007	1809924.30	6300723.11	32.6296158	-117.0975368	N/A	16.57*
DGA-008	1809908.85	6300692.70	32.6295727	-117.0976351	N/A	16.44*
DGA-009	1810051.95	6300672.23	32.6299655	-117.0977054	N/A	16.53*
DGA-011	1810071.12	6300641.69	32.6300175	-117.0978051	N/A	16.49*
DGA-012	1810314.65	6300596.42	32.6306858	-117.0979586	N/A	16.70*
DGA-013	1810322.16	6300573.27	32.6307059	-117.0980339	N/A	16.77*
DGA-014	1810300.07	6300611.64	32.6306461	-117.0979087	N/A	16.66*
DGA-015	1810336.01	6300600.29	32.6307446	-117.0979465	N/A	16.89*
DGA-016	1810533.42	6300559.97	32.6312862	-117.0980827	N/A	17.93*
DGA-017	1810535.67	6300510.44	32.6312913	-117.0982436	N/A	17.90*
DGA-018	1810526.88	6300534.40	32.6312677	-117.0981656	N/A	17.84*
DGA-019	1810515.73	6300525.37	32.6312369	-117.0981946	N/A	17.78*
DGA-020	1810622.96	6300467.97	32.6315303	-117.0983839	N/A	18.26*

Monitoring Well	NAD83 Northing	NAD83 Easting	NAD83 Latitude	NAD83 Longitude	Elevation Top of Casing	Elevation Top of Rim
DGA-021	1810619.97	6300460.16	32.6315219	-117.0984092	N/A	18.21*
DGA-022	1810627.89	6300483.86	32.6315442	-117.0983324	N/A	18.31*
DGA-024	1810707.15	6300461.70	32.6317615	-117.0984065	N/A	18.70*
DGA-025	1810713.69	6300483.21	32.6317800	-117.0983368	N/A	18.78*
DGA-026	1810731.02	6300493.65	32.6318278	-117.0983033	N/A	18.89*
NCW-021A	1810684.04	6300374.83	32.6316961	-117.0986880	14.12	14.77
NCW-021B	1810696.07	6300370.52	32.6317290	-117.0987023	14.46	14.80
PW-07	1810633.69	6300465.01	32.6315597	-117.0983938	N/A	18.32*
PW-09	1810532.02	6300535.74	32.6312819	-117.0981614	N/A	17.87*
PW-12	1810312.94	6300598.52	32.6306812	-117.0979517	N/A	16.69*
PW-14	1810030.15	6300660.90	32.6299054	-117.0977416	N/A	16.47*
PW-15	1809930.59	6300702.48	32.6296327	-117.0976039	N/A	16.48*

Elevations shown for Top of Casings are at notches on the north edge of casing walls, and elevations for Top of Rims are on the north edge of well rims.

* Indicates elevation was at finish surface.
** Indicates Coordinates are for the average locations between two adjacent borings.

Very truly yours,

Joseph L. Hobbs, L.S.

PROFESSIONAL LAND SURVEYOR
JOSEPH L. HOBBS
No. 4219
Exp. 6-30-2022
STATE OF CALIFORNIA

File: 2225A

Global ID	Point Name	Date	Elevation (ft)	Elev Method	Elev Datum	Elev Accuracy	Survey Org.	Riser Height	Description
REQUIRED	B29-V08	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	B29-V16	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	B29-V19	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	B29-` 23	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	B29-` 24	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-002	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-003	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-004	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-007	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-008	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-009	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-011	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-012	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-013	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-014	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-015	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-016	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-017	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-018	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-019	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-020	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-021	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-022	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-024	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-025	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	DGA-026	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	NCW-021A	3/29/2022	14.12	TRIG	88	0.3	J.B.K.	-0.65	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	NCW-021B	3/29/2022	14.46	TRIG	88	0.3	J.B.K.	-0.34	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	PW-07	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	PW-09	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	PW-12	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	PW-14	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)
REQUIRED	PW-15	3/29/2022	N/A	TRIG	88	0.3	J.B.K.	N/A	NGS DC-1434, 21.58 ft(NAVD88)

Global ID	Point Name	Point Class	Date	Latitude	Longitude	Method	Datum	Accuracy Value (cm)	Survey Org.	GPS Equip	Description
REQUIRED	B29-V08	BH	3/29/2022	32.6315063	-117.0983761	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	B29-V16	BH	3/29/2022	32.6299491	-117.0977895	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	B29-V19	BH	3/29/2022	32.6297884	-117.0976496	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	B29-V23	BH	3/29/2022	32.6318000	-117.0984229	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	B29-V24	BH	3/29/2022	32.6318190	-117.0983525	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-002	BH	3/29/2022	32.6296661	-117.0976198	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-003	BH	3/29/2022	32.6298248	-117.0975674	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-004	BH	3/29/2022	32.6297814	-117.0977001	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-007	BH	3/29/2022	32.6296158	-117.0975368	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-008	BH	3/29/2022	32.6295727	-117.0976351	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-009	BH	3/29/2022	32.6299655	-117.0977054	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-011	BH	3/29/2022	32.6300175	-117.0978051	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-012	BH	3/29/2022	32.6306858	-117.0979586	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-013	BH	3/29/2022	32.6307059	-117.0980339	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-014	BH	3/29/2022	32.6306461	-117.0979087	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-015	BH	3/29/2022	32.6307446	-117.0979465	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-016	BH	3/29/2022	32.6312862	-117.0980827	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-017	BH	3/29/2022	32.6312913	-117.0982436	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-018	BH	3/29/2022	32.6312677	-117.0981656	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-019	BH	3/29/2022	32.6312369	-117.0981946	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-020	BH	3/29/2022	32.6315303	-117.0983839	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-021	BH	3/29/2022	32.6315219	-117.0984092	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-022	BH	3/29/2022	32.6315442	-117.0983324	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-024	BH	3/29/2022	32.6317615	-117.0984065	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-025	BH	3/29/2022	32.6317800	-117.0983368	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	DGA-026	BH	3/29/2022	32.6318278	-117.0983033	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	NCW-021A	MW	3/29/2022	32.6316961	-117.0986880	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	NCW-021B	MW	3/29/2022	32.6317290	-117.0987023	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	PW-07	BH	3/29/2022	32.6315597	-117.0983938	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	PW-09	BH	3/29/2022	32.6312819	-117.0981614	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	PW-12	BH	3/29/2022	32.6306812	-117.0979517	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	PW-14	BH	3/29/2022	32.6299054	-117.0977416	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch
REQUIRED	PW-15	BH	3/29/2022	32.6296327	-117.0976039	RTK	NAD83	3.00	J.B.K.	LIROV	NGS BM DC-1434 & DY-0088, 2010.00 Epoch

APPENDIX G

Laboratory Analytical Reports - Eurofins Calscience

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-87328-1
Client Project/Site: Rohr Chula Vista - Parcel A

For:
Haley & Aldrich, Inc.
5333 Mission Center Road
Suite 300
San Diego, California 92108

Attn: Bob Scott

Authorized for release by:
3/24/2022 3:35:58 PM
Don Burley, Senior Project Manager
(657)212-3033
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Designee for

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Job ID: 570-87328-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-87328-1

Comments
No additional comments.

Receipt
The samples were received on 3/8/2022 7:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.0º C.

Receipt Exception
The container labels for the following sample did not match the information listed on the Chain-of-Custody (COC): NCW-021-B-050 (570-87328-19). The container labels list NCW-021-B-050, while the COC lists NCB-021-B-050 (collection date matches).

The clients office was contacted with the above sample receipt anomaly. The laboratory was provided written direction on how to proceed, please refer to the COC section of the report for further details.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 570-219484 and analytical batch 570-219456 were outside control limits: (570-87328-A-1-B MS). The associated laboratory control sample (LCS) recovery met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries of Antimony for preparation batch 440-669405 and analytical batch 440-669679 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Client Sample ID: DGA-004-1 — Lab Sample ID: 570-87328-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	44	F1	20		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-004-5 — Lab Sample ID: 570-87328-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	54		20		ug/Kg	1		8260B	Total/NA
cis-1,2-Dichloroethene	27		0.98		ug/Kg	1		8260B	Total/NA
Trichloroethene	2.9		2.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-004-10 — Lab Sample ID: 570-87328-3

No Detections.

Client Sample ID: DGA-009-1 — Lab Sample ID: 570-87328-4

No Detections.

Client Sample ID: DGA-009-5 — Lab Sample ID: 570-87328-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	42		20		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-009-10 — Lab Sample ID: 570-87328-6

No Detections.

Client Sample ID: DGA-011-3.5 — Lab Sample ID: 570-87328-7

No Detections.

Client Sample ID: DGA-011-5 — Lab Sample ID: 570-87328-8

No Detections.

Client Sample ID: DGA-011-10 — Lab Sample ID: 570-87328-9

No Detections.

Client Sample ID: DGA-007-1 — Lab Sample ID: 570-87328-10

No Detections.

Client Sample ID: DGA-007-5 — Lab Sample ID: 570-87328-11

No Detections.

Client Sample ID: DGA-007-9.5 — Lab Sample ID: 570-87328-12

No Detections.

Client Sample ID: DGA-008-1 — Lab Sample ID: 570-87328-13

No Detections.

Client Sample ID: DGA-008-5 — Lab Sample ID: 570-87328-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	24		20		ug/Kg	1		8260B	Total/NA
Trichloroethene	3.2		2.0		ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Client Sample ID: DGA-008-9.5 — Lab Sample ID: 570-87328-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20		20		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-003-1 — Lab Sample ID: 570-87328-16

No Detections.

Client Sample ID: DGA-003-5 — Lab Sample ID: 570-87328-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21		20		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-003-10 — Lab Sample ID: 570-87328-18

No Detections.

Client Sample ID: NCW—021-B-050 — Lab Sample ID: 570-87328-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	61.2		3.06		mg/Kg	5		6010B	Total/NA
Chromium	18.7		1.02		mg/Kg	5		6010B	Total/NA
Cobalt	7.88		1.02		mg/Kg	5		6010B	Total/NA
Copper	11.5		2.04		mg/Kg	5		6010B	Total/NA
Lead	2.23		2.04		mg/Kg	5		6010B	Total/NA
Nickel	9.18		2.04		mg/Kg	5		6010B	Total/NA
Vanadium	61.9		1.02		mg/Kg	5		6010B	Total/NA
Zinc	32.7		5.10		mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-004-1
Date Collected: 03/08/22 12:53
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Acetone	**44**	**F1**	20		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Benzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Bromobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Bromodichloromethane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Bromoform	ND		4.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Carbon disulfide	ND		9.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Chlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Chloroform	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Dibromomethane	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Ethylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Isopropylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Methylene Chloride	ND		9.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-004-1
Date Collected: 03/08/22 12:53
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
n-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
o-Xylene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Styrene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Tetrachloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Toluene	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Vinyl acetate	ND		9.9		ug/Kg		03/14/22 22:40	03/14/22 23:21	1
Vinyl chloride	ND		0.99		ug/Kg		03/14/22 22:40	03/14/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*	*03/14/22 22:40*	*03/14/22 23:21*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/14/22 22:40*	*03/14/22 23:21*	*1*
Dibromofluoromethane (Surr)	*91*		*47 - 142*	*03/14/22 22:40*	*03/14/22 23:21*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*03/14/22 22:40*	*03/14/22 23:21*	*1*

Client Sample ID: DGA-004-5
Date Collected: 03/08/22 12:55
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/15/22 09:17	03/15/22 17:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-004-5
Date Collected: 03/08/22 12:55
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
2-Hexanone	ND		20		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Acetone	**54**		20		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Benzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Bromobenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Bromochloromethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Bromodichloromethane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Bromoform	ND		4.9		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Bromomethane	ND		20		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
cis-1,2-Dichloroethene	**27**		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Carbon disulfide	ND		9.8		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Chlorobenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Chloroethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Chloroform	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Chloromethane	ND		20		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Dibromochloromethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Dibromomethane	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Ethylbenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Isopropylbenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Methylene Chloride	ND		9.8		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Naphthalene	ND		9.8		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
n-Butylbenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
N-Propylbenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
o-Xylene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
m,p-Xylene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Styrene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Tetrachloroethene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Toluene	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Trichloroethene	**2.9**		2.0		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Vinyl acetate	ND		9.8		ug/Kg		03/15/22 09:17	03/15/22 17:48	1
Vinyl chloride	ND		0.98		ug/Kg		03/15/22 09:17	03/15/22 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 141*	*03/15/22 09:17*	*03/15/22 17:48*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*	*03/15/22 09:17*	*03/15/22 17:48*	*1*
Dibromofluoromethane (Surr)	*113*		*47 - 142*	*03/15/22 09:17*	*03/15/22 17:48*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/15/22 09:17*	*03/15/22 17:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-004-10
Date Collected: 03/08/22 12:57
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Benzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Chloroform	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-004-10
Date Collected: 03/08/22 12:57
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Styrene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Toluene	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 22:40	03/14/22 23:47	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 22:40	03/14/22 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 141*	*03/14/22 22:40*	*03/14/22 23:47*	*1*
4-Bromofluorobenzene (Surr)	*108*		*76 - 120*	*03/14/22 22:40*	*03/14/22 23:47*	*1*
Dibromofluoromethane (Surr)	*94*		*47 - 142*	*03/14/22 22:40*	*03/14/22 23:47*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*03/14/22 22:40*	*03/14/22 23:47*	*1*

Client Sample ID: DGA-009-1
Date Collected: 03/08/22 15:23
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-009-1
Date Collected: 03/08/22 15:23
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Benzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Chloroform	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Naphthalene	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Styrene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Toluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:13	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*	*03/14/22 22:40*	*03/15/22 00:13*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/14/22 22:40*	*03/15/22 00:13*	*1*
Dibromofluoromethane (Surr)	*92*		*47 - 142*	*03/14/22 22:40*	*03/15/22 00:13*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*03/14/22 22:40*	*03/15/22 00:13*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-009-5
Date Collected: 03/08/22 15:25
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Acetone	**42**		20		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Benzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Bromobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Bromodichloromethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Bromoform	ND		4.9		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Carbon disulfide	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Chlorobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Chloroform	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Dibromomethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Ethylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Isopropylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Methylene Chloride	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-009-5
Date Collected: 03/08/22 15:25
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
n-Butylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
o-Xylene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Styrene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Tetrachloroethene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Toluene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Vinyl acetate	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 07:06	1
Vinyl chloride	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 07:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 141*	*03/14/22 22:40*	*03/15/22 07:06*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/14/22 22:40*	*03/15/22 07:06*	*1*
Dibromofluoromethane (Surr)	*98*		*47 - 142*	*03/14/22 22:40*	*03/15/22 07:06*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/14/22 22:40*	*03/15/22 07:06*	*1*

Client Sample ID: DGA-009-10
Date Collected: 03/08/22 15:27
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-009-10
Date Collected: 03/08/22 15:27
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Benzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Chloroform	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Naphthalene	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Styrene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Toluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 22:40	03/15/22 00:39	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 141*	*03/14/22 22:40*	*03/15/22 00:39*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/14/22 22:40*	*03/15/22 00:39*	*1*
Dibromofluoromethane (Surr)	*95*		*47 - 142*	*03/14/22 22:40*	*03/15/22 00:39*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*03/14/22 22:40*	*03/15/22 00:39*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-011-3.5
Date Collected: 03/08/22 15:47
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Benzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Bromobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Bromodichloromethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Carbon disulfide	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Chlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Chloroform	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Dibromomethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Ethylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Isopropylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Methylene Chloride	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-011-3.5
Date Collected: 03/08/22 15:47
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
n-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
o-Xylene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Styrene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Tetrachloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Toluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Vinyl acetate	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:04	1
Vinyl chloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 141*	*03/14/22 22:40*	*03/15/22 01:04*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 120*	*03/14/22 22:40*	*03/15/22 01:04*	*1*
Dibromofluoromethane (Surr)	*92*		*47 - 142*	*03/14/22 22:40*	*03/15/22 01:04*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/14/22 22:40*	*03/15/22 01:04*	*1*

Client Sample ID: DGA-011-5
Date Collected: 03/08/22 15:49
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-011-5
Date Collected: 03/08/22 15:49
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Benzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Chloroform	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Naphthalene	ND		10		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Styrene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Toluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 22:40	03/15/22 01:30	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 141*	*03/14/22 22:40*	*03/15/22 01:30*	*1*
4-Bromofluorobenzene (Surr)	*108*		*76 - 120*	*03/14/22 22:40*	*03/15/22 01:30*	*1*
Dibromofluoromethane (Surr)	*95*		*47 - 142*	*03/14/22 22:40*	*03/15/22 01:30*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/14/22 22:40*	*03/15/22 01:30*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-011-10
Date Collected: 03/08/22 15:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Benzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Bromobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Bromodichloromethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Carbon disulfide	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Chlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Chloroform	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Dibromomethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Ethylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Isopropylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Methylene Chloride	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-011-10
Date Collected: 03/08/22 15:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
n-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
o-Xylene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Styrene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Tetrachloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Toluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Vinyl acetate	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 01:56	1
Vinyl chloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 141*	*03/14/22 22:40*	*03/15/22 01:56*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/14/22 22:40*	*03/15/22 01:56*	*1*
Dibromofluoromethane (Surr)	*94*		*47 - 142*	*03/14/22 22:40*	*03/15/22 01:56*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*03/14/22 22:40*	*03/15/22 01:56*	*1*

Client Sample ID: DGA-007-1
Date Collected: 03/08/22 14:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-007-1
Date Collected: 03/08/22 14:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Benzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Chloroform	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Naphthalene	ND		10		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Styrene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Toluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 22:40	03/15/22 02:22	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*	*03/14/22 22:40*	*03/15/22 02:22*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/14/22 22:40*	*03/15/22 02:22*	*1*
Dibromofluoromethane (Surr)	*92*		*47 - 142*	*03/14/22 22:40*	*03/15/22 02:22*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*03/14/22 22:40*	*03/15/22 02:22*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-007-5
Date Collected: 03/08/22 14:52
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Benzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Bromobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Bromodichloromethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Carbon disulfide	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Chlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Chloroform	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Dibromomethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Ethylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Isopropylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Methylene Chloride	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-007-5
Date Collected: 03/08/22 14:52
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
n-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
o-Xylene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Styrene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Tetrachloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Toluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Vinyl acetate	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 02:48	1
Vinyl chloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 141*	*03/14/22 22:40*	*03/15/22 02:48*	*1*
4-Bromofluorobenzene (Surr)	*110*		*76 - 120*	*03/14/22 22:40*	*03/15/22 02:48*	*1*
Dibromofluoromethane (Surr)	*88*		*47 - 142*	*03/14/22 22:40*	*03/15/22 02:48*	*1*
Toluene-d8 (Surr)	*118*		*80 - 120*	*03/14/22 22:40*	*03/15/22 02:48*	*1*

Client Sample ID: DGA-007-9.5
Date Collected: 03/08/22 14:54
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-007-9.5
Date Collected: 03/08/22 14:54
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Benzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Bromobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Bromodichloromethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Carbon disulfide	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Chlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Chloroform	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Dibromomethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Ethylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Isopropylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Methylene Chloride	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Naphthalene	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
n-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
o-Xylene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Styrene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Tetrachloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Toluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Vinyl acetate	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:13	1
Vinyl chloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 141*	*03/14/22 22:40*	*03/15/22 03:13*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 120*	*03/14/22 22:40*	*03/15/22 03:13*	*1*
Dibromofluoromethane (Surr)	*93*		*47 - 142*	*03/14/22 22:40*	*03/15/22 03:13*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*03/14/22 22:40*	*03/15/22 03:13*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-008-1
Date Collected: 03/08/22 11:22
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Benzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Bromobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Bromodichloromethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Carbon disulfide	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Chlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Chloroform	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Dibromomethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Ethylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Isopropylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Methylene Chloride	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-008-1
Date Collected: 03/08/22 11:22
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
n-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
o-Xylene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Styrene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Tetrachloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Toluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Vinyl acetate	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 03:39	1
Vinyl chloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 141*	*03/14/22 22:40*	*03/15/22 03:39*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/14/22 22:40*	*03/15/22 03:39*	*1*
Dibromofluoromethane (Surr)	*95*		*47 - 142*	*03/14/22 22:40*	*03/15/22 03:39*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/14/22 22:40*	*03/15/22 03:39*	*1*

Client Sample ID: DGA-008-5
Date Collected: 03/08/22 11:24
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-008-5
Date Collected: 03/08/22 11:24
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Acetone	**24**		20		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Benzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Chloroform	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Naphthalene	ND		10		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Styrene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Toluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Trichloroethene	**3.2**		2.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 22:40	03/15/22 06:40	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 141*	*03/14/22 22:40*	*03/15/22 06:40*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/14/22 22:40*	*03/15/22 06:40*	*1*
Dibromofluoromethane (Surr)	*98*		*47 - 142*	*03/14/22 22:40*	*03/15/22 06:40*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*03/14/22 22:40*	*03/15/22 06:40*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-008-9.5
Date Collected: 03/08/22 11:26
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Acetone	**20**		20		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Benzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Chloroform	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-008-9.5
Date Collected: 03/08/22 11:26
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Styrene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Toluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:05	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 141*	*03/14/22 22:40*	*03/15/22 04:05*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/14/22 22:40*	*03/15/22 04:05*	*1*
Dibromofluoromethane (Surr)	*96*		*47 - 142*	*03/14/22 22:40*	*03/15/22 04:05*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/14/22 22:40*	*03/15/22 04:05*	*1*

Client Sample ID: DGA-003-1
Date Collected: 03/08/22 12:26
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-003-1
Date Collected: 03/08/22 12:26
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Benzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Bromobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Bromodichloromethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Bromoform	ND		4.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Carbon disulfide	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Chlorobenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Chloroform	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Dibromomethane	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Ethylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Isopropylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Methylene Chloride	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Naphthalene	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
n-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
o-Xylene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Styrene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Tetrachloroethene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Toluene	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Vinyl acetate	ND		9.9		ug/Kg		03/14/22 22:40	03/15/22 04:31	1
Vinyl chloride	ND		0.99		ug/Kg		03/14/22 22:40	03/15/22 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 141*	*03/14/22 22:40*	*03/15/22 04:31*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/14/22 22:40*	*03/15/22 04:31*	*1*
Dibromofluoromethane (Surr)	*98*		*47 - 142*	*03/14/22 22:40*	*03/15/22 04:31*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*03/14/22 22:40*	*03/15/22 04:31*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-003-5
Date Collected: 03/08/22 12:28
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Acetone	**21**		20		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Benzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Bromoform	ND		5.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Chloroform	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-003-5
Date Collected: 03/08/22 12:28
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Styrene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Toluene	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 22:40	03/15/22 04:58	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 22:40	03/15/22 04:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 141*	*03/14/22 22:40*	*03/15/22 04:58*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/14/22 22:40*	*03/15/22 04:58*	*1*
Dibromofluoromethane (Surr)	*97*		*47 - 142*	*03/14/22 22:40*	*03/15/22 04:58*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*03/14/22 22:40*	*03/15/22 04:58*	*1*

Client Sample ID: DGA-003-10
Date Collected: 03/08/22 12:30
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,1,1-Trichloroethane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,1,2-Trichloroethane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,1-Dichloroethane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,1-Dichloroethene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,1-Dichloropropene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2-Dibromoethane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2-Dichlorobenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2-Dichloroethane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,2-Dichloropropane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,3-Dichlorobenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,3-Dichloropropane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
1,4-Dichlorobenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-003-10
Date Collected: 03/08/22 12:30
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		19		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
2-Chlorotoluene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
2-Hexanone	ND		19		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
4-Chlorotoluene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
4-Methyl-2-pentanone	ND		19		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Acetone	ND		19		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Benzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Bromobenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Bromochloromethane	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Bromodichloromethane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Bromoform	ND		4.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Bromomethane	ND		19		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
cis-1,2-Dichloroethene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
cis-1,3-Dichloropropene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Carbon disulfide	ND		9.7		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Carbon tetrachloride	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Chlorobenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Chloroethane	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Chloroform	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Chloromethane	ND		19		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Dibromochloromethane	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Dibromomethane	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Ethylbenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Isopropylbenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Methylene Chloride	ND		9.7		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Naphthalene	ND		9.7		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
n-Butylbenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
N-Propylbenzene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
o-Xylene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
m,p-Xylene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
p-Isopropyltoluene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
sec-Butylbenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Styrene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
trans-1,2-Dichloroethene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
tert-Butylbenzene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Tetrachloroethene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Toluene	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Trichloroethene	ND		1.9		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Trichlorofluoromethane	ND		9.7		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Vinyl acetate	ND		9.7		ug/Kg		03/14/22 22:40	03/15/22 05:23	1
Vinyl chloride	ND		0.97		ug/Kg		03/14/22 22:40	03/15/22 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 141*	*03/14/22 22:40*	*03/15/22 05:23*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/14/22 22:40*	*03/15/22 05:23*	*1*
Dibromofluoromethane (Surr)	*99*		*47 - 142*	*03/14/22 22:40*	*03/15/22 05:23*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*03/14/22 22:40*	*03/15/22 05:23*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: NCW—021-B-050
Date Collected: 03/08/22 11:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
2-Butanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
2-Hexanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Acetone	ND		20		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Benzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Bromobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Bromodichloromethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Bromoform	ND		4.9		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Bromomethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Carbon disulfide	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Chlorobenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Chloroform	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Chloromethane	ND		20		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Dibromomethane	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Ethylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Isopropylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Methylene Chloride	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: NCW—021-B-050
Date Collected: 03/08/22 11:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
n-Butylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
o-Xylene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Styrene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Tetrachloroethene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Toluene	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Vinyl acetate	ND		9.8		ug/Kg		03/14/22 22:40	03/15/22 05:49	1
Vinyl chloride	ND		0.98		ug/Kg		03/14/22 22:40	03/15/22 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 141*	*03/14/22 22:40*	*03/15/22 05:49*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/14/22 22:40*	*03/15/22 05:49*	*1*
Dibromofluoromethane (Surr)	*96*		*47 - 142*	*03/14/22 22:40*	*03/15/22 05:49*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*03/14/22 22:40*	*03/15/22 05:49*	*1*

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Method: 6010B - Metals (ICP)

Client Sample ID: NCW—021-B-050
Date Collected: 03/08/22 11:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.2		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Arsenic	ND		3.06		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Barium	**61.2**		3.06		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Beryllium	ND		0.510		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Cadmium	ND		0.510		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Chromium	**18.7**		1.02		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Cobalt	**7.88**		1.02		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Copper	**11.5**		2.04		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Lead	**2.23**		2.04		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Molybdenum	ND		2.04		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Nickel	**9.18**		2.04		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Selenium	ND		3.06		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Silver	ND		1.53		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Thallium	ND		10.2		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Vanadium	**61.9**		1.02		mg/Kg		03/21/22 10:17	03/23/22 18:06	5
Zinc	**32.7**		5.10		mg/Kg		03/21/22 10:17	03/23/22 18:06	5

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: NCW—021-B-050
Date Collected: 03/08/22 11:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		03/21/22 10:46	03/21/22 14:50	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-141)	(76-120)	(47-142)	(80-120)
570-87042-A-40-G MS	Matrix Spike	102	105	108	104
570-87042-A-40-H MSD	Matrix Spike Duplicate	104	106	109	104
570-87328-1	DGA-004-1	100	107	91	109
570-87328-1 MS	DGA-004-1	110	101	98	100
570-87328-1 MSD	DGA-004-1	108	103	96	101
570-87328-2	DGA-004-5	108	101	113	106
570-87328-3	DGA-004-10	106	108	94	107
570-87328-4	DGA-009-1	100	105	92	108
570-87328-5	DGA-009-5	110	106	98	106
570-87328-6	DGA-009-10	106	107	95	109
570-87328-7	DGA-011-3.5	101	104	92	106
570-87328-8	DGA-011-5	109	108	95	106
570-87328-9	DGA-011-10	102	106	94	108
570-87328-10	DGA-007-1	100	107	92	108
570-87328-11	DGA-007-5	97	110	88	118
570-87328-12	DGA-007-9.5	104	104	93	107
570-87328-13	DGA-008-1	106	107	95	106
570-87328-14	DGA-008-5	109	105	98	104
570-87328-15	DGA-008-9.5	102	106	96	106
570-87328-16	DGA-003-1	112	105	98	104
570-87328-17	DGA-003-5	111	107	97	105
570-87328-18	DGA-003-10	110	105	99	104
570-87328-19	NCW—021-B-050	111	107	96	105
LCS 570-219484/1-A	Lab Control Sample	98	102	93	101
LCS 570-219545/1-A	Lab Control Sample	102	106	109	102
LCSD 570-219484/2-A	Lab Control Sample Dup	97	102	93	101
LCSD 570-219545/2-A	Lab Control Sample Dup	101	105	106	103
MB 570-219484/3-A	Method Blank	94	106	87	110
MB 570-219545/5-A	Method Blank	100	103	108	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-219484/3-A
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
2-Butanone	ND		20		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
2-Hexanone	ND		20		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Acetone	ND		20		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Benzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Bromobenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Bromochloromethane	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Bromodichloromethane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Bromoform	ND		5.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Bromomethane	ND		20		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Carbon disulfide	ND		10		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Chlorobenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Chloroethane	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Chloroform	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Chloromethane	ND		20		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Dibromochloromethane	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Dibromomethane	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Ethylbenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Isopropylbenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Methylene Chloride	ND		10		ug/Kg		03/14/22 20:39	03/14/22 22:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-219484/3-A
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Naphthalene	ND		10		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
n-Butylbenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
N-Propylbenzene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
o-Xylene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
m,p-Xylene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Styrene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Tetrachloroethene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Toluene	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Trichloroethene	ND		2.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Trichlorofluoromethane	ND		10		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Vinyl acetate	ND		10		ug/Kg		03/14/22 20:39	03/14/22 22:56	1
Vinyl chloride	ND		1.0		ug/Kg		03/14/22 20:39	03/14/22 22:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 141*	*03/14/22 20:39*	*03/14/22 22:56*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/14/22 20:39*	*03/14/22 22:56*	*1*
Dibromofluoromethane (Surr)	*87*		*47 - 142*	*03/14/22 20:39*	*03/14/22 22:56*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*	*03/14/22 20:39*	*03/14/22 22:56*	*1*

Lab Sample ID: LCS 570-219484/1-A
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219484

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	49.7	47.01		ug/Kg		95	80 - 124
1,1,1-Trichloroethane	49.7	44.00		ug/Kg		89	73 - 121
1,1,2,2-Tetrachloroethane	49.7	48.44		ug/Kg		97	76 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	49.7	41.79		ug/Kg		84	64 - 120
1,1,2-Trichloroethane	49.7	47.02		ug/Kg		95	80 - 120
1,1-Dichloroethane	49.7	50.12		ug/Kg		101	71 - 120
1,1-Dichloroethene	49.7	48.88		ug/Kg		98	68 - 120
1,1-Dichloropropene	49.7	46.76		ug/Kg		94	74 - 122
1,2,3-Trichlorobenzene	49.7	54.41		ug/Kg		109	80 - 128
1,2,3-Trichloropropane	49.7	49.73		ug/Kg		100	74 - 122
1,2,4-Trichlorobenzene	49.7	50.96		ug/Kg		103	80 - 132
1,2,4-Trimethylbenzene	49.7	44.05		ug/Kg		89	80 - 120
1,2-Dibromo-3-Chloropropane	49.7	48.25		ug/Kg		97	65 - 120
1,2-Dibromoethane	49.7	49.60		ug/Kg		100	80 - 120
1,2-Dichlorobenzene	49.7	47.63		ug/Kg		96	80 - 120
1,2-Dichloroethane	49.7	48.09		ug/Kg		97	76 - 126
1,2-Dichloropropane	49.7	53.11		ug/Kg		107	80 - 120
1,3,5-Trimethylbenzene	49.7	45.04		ug/Kg		91	78 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-219484/1-A
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219484

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	49.7	45.98		ug/Kg		93	80 - 120
1,3-Dichloropropane	49.7	47.73		ug/Kg		96	80 - 120
1,4-Dichlorobenzene	49.7	46.79		ug/Kg		94	80 - 120
2,2-Dichloropropane	49.7	42.93		ug/Kg		86	68 - 129
2-Butanone	49.7	58.39		ug/Kg		117	63 - 129
2-Chlorotoluene	49.7	44.75		ug/Kg		90	77 - 122
2-Hexanone	49.7	59.57		ug/Kg		120	67 - 130
4-Chlorotoluene	49.7	43.69		ug/Kg		88	80 - 120
4-Methyl-2-pentanone	49.7	59.80		ug/Kg		120	73 - 122
Acetone	49.7	58.97		ug/Kg		119	62 - 123
Benzene	49.7	45.74		ug/Kg		92	76 - 120
Bromobenzene	49.7	47.60		ug/Kg		96	80 - 124
Bromochloromethane	49.7	45.17		ug/Kg		91	77 - 120
Bromodichloromethane	49.7	48.20		ug/Kg		97	80 - 127
Bromoform	49.7	48.41		ug/Kg		97	69 - 131
Bromomethane	49.7	49.67		ug/Kg		100	39 - 143
cis-1,2-Dichloroethene	49.7	43.31		ug/Kg		87	77 - 121
cis-1,3-Dichloropropene	49.7	50.07		ug/Kg		101	80 - 121
Carbon disulfide	49.7	42.05		ug/Kg		85	59 - 128
Carbon tetrachloride	49.7	46.89		ug/Kg		94	68 - 132
Chlorobenzene	49.7	45.90		ug/Kg		92	80 - 120
Chloroethane	49.7	52.41		ug/Kg		105	59 - 135
Chloroform	49.7	43.22		ug/Kg		87	77 - 121
Chloromethane	49.7	57.41		ug/Kg		116	51 - 129
Dibromochloromethane	49.7	48.19		ug/Kg		97	77 - 127
Dibromomethane	49.7	47.16		ug/Kg		95	80 - 124
Dichlorodifluoromethane	49.7	38.39		ug/Kg		77	53 - 133
Ethylbenzene	49.7	45.03		ug/Kg		91	80 - 120
Isopropylbenzene	49.7	45.90		ug/Kg		92	80 - 123
Methylene Chloride	49.7	44.12		ug/Kg		89	70 - 120
Methyl-t-Butyl Ether (MTBE)	49.7	48.95		ug/Kg		98	70 - 120
Naphthalene	49.7	54.58		ug/Kg		110	76 - 121
n-Butylbenzene	49.7	44.58		ug/Kg		90	78 - 123
N-Propylbenzene	49.7	45.35		ug/Kg		91	78 - 123
o-Xylene	49.7	46.00		ug/Kg		93	76 - 125
m,p-Xylene	99.4	89.02		ug/Kg		90	75 - 122
p-Isopropyltoluene	49.7	44.10		ug/Kg		89	80 - 121
sec-Butylbenzene	49.7	44.60		ug/Kg		90	80 - 120
Styrene	49.7	45.32		ug/Kg		91	79 - 123
trans-1,2-Dichloroethene	49.7	41.74		ug/Kg		84	71 - 120
trans-1,3-Dichloropropene	49.7	47.06		ug/Kg		95	80 - 126
tert-Butylbenzene	49.7	45.51		ug/Kg		92	80 - 120
Tetrachloroethene	49.7	46.27		ug/Kg		93	80 - 123
Toluene	49.7	45.54		ug/Kg		92	79 - 120
Trichloroethene	49.7	46.81		ug/Kg		94	80 - 120
Trichlorofluoromethane	49.7	47.74		ug/Kg		96	69 - 133
Vinyl acetate	49.7	48.52		ug/Kg		98	78 - 138
Vinyl chloride	49.7	58.02		ug/Kg		117	65 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-219484/1-A
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219484

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		64 - 141
4-Bromofluorobenzene (Surr)	102		76 - 120
Dibromofluoromethane (Surr)	93		47 - 142
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 570-219484/2-A
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219484

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	51.30		ug/Kg		103	80 - 124	9	20
1,1,1-Trichloroethane			50.0	48.56		ug/Kg		97	73 - 121	10	20
1,1,2,2-Tetrachloroethane			50.0	47.83		ug/Kg		96	76 - 123	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	46.66		ug/Kg		93	64 - 120	11	20
1,1,2-Trichloroethane			50.0	47.75		ug/Kg		96	80 - 120	2	20
1,1-Dichloroethane			50.0	54.98		ug/Kg		110	71 - 120	9	20
1,1-Dichloroethene			50.0	54.76		ug/Kg		110	68 - 120	11	20
1,1-Dichloropropene			50.0	52.52		ug/Kg		105	74 - 122	12	20
1,2,3-Trichlorobenzene			50.0	56.61		ug/Kg		113	80 - 128	4	20
1,2,3-Trichloropropane			50.0	51.36		ug/Kg		103	74 - 122	3	20
1,2,4-Trichlorobenzene			50.0	53.33		ug/Kg		107	80 - 132	5	20
1,2,4-Trimethylbenzene			50.0	47.11		ug/Kg		94	80 - 120	7	20
1,2-Dibromo-3-Chloropropane			50.0	48.40		ug/Kg		97	65 - 120	0	20
1,2-Dibromoethane			50.0	50.61		ug/Kg		101	80 - 120	2	20
1,2-Dichlorobenzene			50.0	49.84		ug/Kg		100	80 - 120	5	20
1,2-Dichloroethane			50.0	50.16		ug/Kg		100	76 - 126	4	20
1,2-Dichloropropane			50.0	57.37		ug/Kg		115	80 - 120	8	20
1,3,5-Trimethylbenzene			50.0	49.93		ug/Kg		100	78 - 124	10	20
1,3-Dichlorobenzene			50.0	49.15		ug/Kg		98	80 - 120	7	20
1,3-Dichloropropane			50.0	51.17		ug/Kg		102	80 - 120	7	20
1,4-Dichlorobenzene			50.0	49.27		ug/Kg		99	80 - 120	5	20
2,2-Dichloropropane			50.0	47.93		ug/Kg		96	68 - 129	11	20
2-Butanone			50.0	59.85		ug/Kg		120	63 - 129	2	20
2-Chlorotoluene			50.0	49.85		ug/Kg		100	77 - 122	11	20
2-Hexanone			50.0	61.00		ug/Kg		122	67 - 130	2	20
4-Chlorotoluene			50.0	47.23		ug/Kg		94	80 - 120	8	20
4-Methyl-2-pentanone			50.0	60.92		ug/Kg		122	73 - 122	2	20
Acetone			50.0	58.93		ug/Kg		118	62 - 123	0	20
Benzene			50.0	50.54		ug/Kg		101	76 - 120	10	20
Bromobenzene			50.0	51.62		ug/Kg		103	80 - 124	8	20
Bromochloromethane			50.0	48.65		ug/Kg		97	77 - 120	7	20
Bromodichloromethane			50.0	51.51		ug/Kg		103	80 - 127	7	20
Bromoform			50.0	48.35		ug/Kg		97	69 - 131	0	20
Bromomethane			50.0	52.34		ug/Kg		105	39 - 143	5	20
cis-1,2-Dichloroethene			50.0	47.58		ug/Kg		95	77 - 121	9	20
cis-1,3-Dichloropropene			50.0	54.46		ug/Kg		109	80 - 121	8	20
Carbon disulfide			50.0	47.29		ug/Kg		95	59 - 128	12	20
Carbon tetrachloride			50.0	52.19		ug/Kg		104	68 - 132	11	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-219484/2-A
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219484

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene			50.0	49.91		ug/Kg		100	80 - 120	8	20
Chloroethane			50.0	53.65		ug/Kg		107	59 - 135	2	20
Chloroform			50.0	46.25		ug/Kg		92	77 - 121	7	20
Chloromethane			50.0	60.16		ug/Kg		120	51 - 129	5	20
Dibromochloromethane			50.0	50.09		ug/Kg		100	77 - 127	4	20
Dibromomethane			50.0	50.57		ug/Kg		101	80 - 124	7	20
Dichlorodifluoromethane			50.0	39.80		ug/Kg		80	53 - 133	4	20
Ethylbenzene			50.0	49.94		ug/Kg		100	80 - 120	10	20
Isopropylbenzene			50.0	50.73		ug/Kg		101	80 - 123	10	20
Methylene Chloride			50.0	47.64		ug/Kg		95	70 - 120	8	20
Methyl-t-Butyl Ether (MTBE)			50.0	51.19		ug/Kg		102	70 - 120	4	20
Naphthalene			50.0	55.13		ug/Kg		110	76 - 121	1	20
n-Butylbenzene			50.0	47.81		ug/Kg		96	78 - 123	7	20
N-Propylbenzene			50.0	50.08		ug/Kg		100	78 - 123	10	20
o-Xylene			50.0	50.48		ug/Kg		101	76 - 125	9	20
m,p-Xylene			100	98.73		ug/Kg		99	75 - 122	10	20
p-Isopropyltoluene			50.0	47.95		ug/Kg		96	80 - 121	8	20
sec-Butylbenzene			50.0	47.74		ug/Kg		95	80 - 120	7	20
Styrene			50.0	49.53		ug/Kg		99	79 - 123	9	20
trans-1,2-Dichloroethene			50.0	46.43		ug/Kg		93	71 - 120	11	20
trans-1,3-Dichloropropene			50.0	49.31		ug/Kg		99	80 - 126	5	20
tert-Butylbenzene			50.0	49.64		ug/Kg		99	80 - 120	9	20
Tetrachloroethene			50.0	50.83		ug/Kg		102	80 - 123	9	20
Toluene			50.0	50.30		ug/Kg		101	79 - 120	10	20
Trichloroethene			50.0	52.64		ug/Kg		105	80 - 120	12	20
Trichlorofluoromethane			50.0	48.32		ug/Kg		97	69 - 133	1	20
Vinyl acetate			50.0	49.12		ug/Kg		98	78 - 138	1	20
Vinyl chloride			50.0	59.64		ug/Kg		119	65 - 129	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 141*
4-Bromofluorobenzene (Surr)	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*93*		*47 - 142*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 570-87328-1 MS
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: DGA-004-1
Prep Type: Total/NA
Prep Batch: 219484

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		49.9	46.18		ug/Kg		93	61 - 129
1,1,1-Trichloroethane	ND		49.9	43.19		ug/Kg		87	67 - 125
1,1,2,2-Tetrachloroethane	ND		49.9	40.05		ug/Kg		80	20 - 164
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.9	43.20		ug/Kg		87	62 - 125
1,1,2-Trichloroethane	ND		49.9	46.05		ug/Kg		92	52 - 134
1,1-Dichloroethane	ND		49.9	48.63		ug/Kg		97	66 - 125
1,1-Dichloroethene	ND		49.9	48.18		ug/Kg		97	60 - 125
1,1-Dichloropropene	ND		49.9	47.05		ug/Kg		94	69 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87328-1 MS
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: DGA-004-1
Prep Type: Total/NA
Prep Batch: 219484

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		49.9	45.06		ug/Kg		90	20 - 145
1,2,3-Trichloropropane	ND		49.9	46.46		ug/Kg		93	53 - 128
1,2,4-Trichlorobenzene	ND		49.9	41.24		ug/Kg		83	20 - 146
1,2,4-Trimethylbenzene	ND		49.9	39.03		ug/Kg		78	51 - 129
1,2-Dibromo-3-Chloropropane	ND		49.9	46.11		ug/Kg		92	33 - 126
1,2-Dibromoethane	ND		49.9	46.36		ug/Kg		93	65 - 125
1,2-Dichlorobenzene	ND		49.9	41.92		ug/Kg		84	47 - 130
1,2-Dichloroethane	ND		49.9	46.51		ug/Kg		93	66 - 127
1,2-Dichloropropane	ND		49.9	51.40		ug/Kg		103	70 - 125
1,3,5-Trimethylbenzene	ND		49.9	40.51		ug/Kg		81	50 - 132
1,3-Dichlorobenzene	ND		49.9	40.44		ug/Kg		81	48 - 128
1,3-Dichloropropane	ND		49.9	45.87		ug/Kg		92	66 - 125
1,4-Dichlorobenzene	ND		49.9	40.02		ug/Kg		80	47 - 127
2,2-Dichloropropane	ND		49.9	40.66		ug/Kg		81	61 - 128
2-Butanone	ND		49.9	64.57		ug/Kg		129	48 - 134
2-Chlorotoluene	ND		49.9	40.55		ug/Kg		81	54 - 127
2-Hexanone	ND		49.9	58.24		ug/Kg		117	48 - 136
4-Chlorotoluene	ND		49.9	38.73		ug/Kg		78	54 - 125
4-Methyl-2-pentanone	ND		49.9	58.68		ug/Kg		118	55 - 133
Acetone	44	F1	49.9	131.8	F1	ug/Kg		177	30 - 175
Benzene	ND		49.9	44.34		ug/Kg		89	70 - 125
Bromobenzene	ND		49.9	42.15		ug/Kg		84	57 - 129
Bromochloromethane	ND		49.9	41.94		ug/Kg		84	67 - 125
Bromodichloromethane	ND		49.9	46.43		ug/Kg		93	64 - 130
Bromoform	ND		49.9	46.89		ug/Kg		94	49 - 133
Bromomethane	ND		49.9	49.46		ug/Kg		99	30 - 149
cis-1,2-Dichloroethene	ND		49.9	42.55		ug/Kg		85	71 - 125
cis-1,3-Dichloropropene	ND		49.9	47.11		ug/Kg		94	63 - 126
Carbon disulfide	ND		49.9	40.76		ug/Kg		82	53 - 125
Carbon tetrachloride	ND		49.9	46.99		ug/Kg		94	60 - 130
Chlorobenzene	ND		49.9	41.69		ug/Kg		84	65 - 125
Chloroethane	ND		49.9	43.43		ug/Kg		87	51 - 131
Chloroform	ND		49.9	43.32		ug/Kg		87	70 - 125
Chloromethane	ND		49.9	50.54		ug/Kg		101	43 - 125
Dibromochloromethane	ND		49.9	46.18		ug/Kg		93	56 - 132
Dibromomethane	ND		49.9	45.56		ug/Kg		91	67 - 127
Dichlorodifluoromethane	ND		49.9	32.73		ug/Kg		66	47 - 127
Ethylbenzene	ND		49.9	41.65		ug/Kg		83	64 - 125
Isopropylbenzene	ND		49.9	42.63		ug/Kg		85	59 - 129
Methylene Chloride	ND		49.9	40.87		ug/Kg		82	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND		49.9	50.18		ug/Kg		101	61 - 125
Naphthalene	ND		49.9	47.27		ug/Kg		95	25 - 136
n-Butylbenzene	ND		49.9	38.74		ug/Kg		78	35 - 135
N-Propylbenzene	ND		49.9	41.26		ug/Kg		83	52 - 131
o-Xylene	ND		49.9	41.63		ug/Kg		83	59 - 128
m,p-Xylene	ND		99.8	80.78		ug/Kg		81	60 - 125
p-Isopropyltoluene	ND		49.9	39.27		ug/Kg		79	46 - 132
sec-Butylbenzene	ND		49.9	39.91		ug/Kg		80	47 - 131
Styrene	ND		49.9	41.13		ug/Kg		82	58 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87328-1 MS
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: DGA-004-1
Prep Type: Total/NA
Prep Batch: 219484

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	ND		49.9	41.51		ug/Kg		83	67 - 125
trans-1,3-Dichloropropene	ND		49.9	44.57		ug/Kg		89	59 - 132
tert-Butylbenzene	ND		49.9	41.93		ug/Kg		84	53 - 126
Tetrachloroethene	ND		49.9	43.90		ug/Kg		87	62 - 129
Toluene	ND		49.9	42.04		ug/Kg		84	68 - 125
Trichloroethene	ND		49.9	50.87		ug/Kg		102	41 - 169
Trichlorofluoromethane	ND		49.9	40.34		ug/Kg		81	63 - 128
Vinyl acetate	ND		49.9	22.24		ug/Kg		45	20 - 154
Vinyl chloride	ND		49.9	49.66		ug/Kg		100	59 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 141*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*47 - 142*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 570-87328-1 MSD
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: DGA-004-1
Prep Type: Total/NA
Prep Batch: 219484

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		49.9	41.75		ug/Kg		84	61 - 129	10	23
1,1,1-Trichloroethane	ND		49.9	39.23		ug/Kg		79	67 - 125	10	20
1,1,2,2-Tetrachloroethane	ND		49.9	36.76		ug/Kg		74	20 - 164	9	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.9	38.08		ug/Kg		76	62 - 125	13	20
1,1,2-Trichloroethane	ND		49.9	41.76		ug/Kg		84	52 - 134	10	25
1,1-Dichloroethane	ND		49.9	44.59		ug/Kg		89	66 - 125	9	20
1,1-Dichloroethene	ND		49.9	43.95		ug/Kg		88	60 - 125	9	20
1,1-Dichloropropene	ND		49.9	42.38		ug/Kg		85	69 - 125	10	20
1,2,3-Trichlorobenzene	ND		49.9	40.83		ug/Kg		82	20 - 145	10	39
1,2,3-Trichloropropane	ND		49.9	43.97		ug/Kg		88	53 - 128	6	25
1,2,4-Trichlorobenzene	ND		49.9	36.47		ug/Kg		73	20 - 146	12	38
1,2,4-Trimethylbenzene	ND		49.9	34.58		ug/Kg		69	51 - 129	12	27
1,2-Dibromo-3-Chloropropane	ND		49.9	40.47		ug/Kg		81	33 - 126	13	29
1,2-Dibromoethane	ND		49.9	43.45		ug/Kg		87	65 - 125	6	21
1,2-Dichlorobenzene	ND		49.9	38.08		ug/Kg		76	47 - 130	10	29
1,2-Dichloroethane	ND		49.9	43.33		ug/Kg		87	66 - 127	7	20
1,2-Dichloropropane	ND		49.9	46.97		ug/Kg		94	70 - 125	9	20
1,3,5-Trimethylbenzene	ND		49.9	36.62		ug/Kg		73	50 - 132	10	29
1,3-Dichlorobenzene	ND		49.9	35.78		ug/Kg		72	48 - 128	12	28
1,3-Dichloropropane	ND		49.9	43.31		ug/Kg		87	66 - 125	6	20
1,4-Dichlorobenzene	ND		49.9	35.67		ug/Kg		71	47 - 127	11	28
2,2-Dichloropropane	ND		49.9	37.15		ug/Kg		74	61 - 128	9	20
2-Butanone	ND		49.9	61.14		ug/Kg		123	48 - 134	5	24
2-Chlorotoluene	ND		49.9	36.98		ug/Kg		74	54 - 127	9	27
2-Hexanone	ND		49.9	54.92		ug/Kg		110	48 - 136	6	28
4-Chlorotoluene	ND		49.9	35.15		ug/Kg		70	54 - 125	10	26
4-Methyl-2-pentanone	ND		49.9	58.11		ug/Kg		116	55 - 133	1	23

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87328-1 MSD
Matrix: Solid
Analysis Batch: 219456

Client Sample ID: DGA-004-1
Prep Type: Total/NA
Prep Batch: 219484

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	44	F1	49.9	129.2		ug/Kg		171	30 - 175	2	30
Benzene	ND		49.9	40.41		ug/Kg		81	70 - 125	9	20
Bromobenzene	ND		49.9	38.80		ug/Kg		78	57 - 129	8	26
Bromochloromethane	ND		49.9	39.20		ug/Kg		79	67 - 125	7	20
Bromodichloromethane	ND		49.9	42.30		ug/Kg		85	64 - 130	9	20
Bromoform	ND		49.9	42.76		ug/Kg		86	49 - 133	9	27
Bromomethane	ND		49.9	46.74		ug/Kg		94	30 - 149	6	31
cis-1,2-Dichloroethene	ND		49.9	39.07		ug/Kg		78	71 - 125	9	20
cis-1,3-Dichloropropene	ND		49.9	43.16		ug/Kg		86	63 - 126	9	20
Carbon disulfide	ND		49.9	37.14		ug/Kg		74	53 - 125	9	20
Carbon tetrachloride	ND		49.9	41.62		ug/Kg		83	60 - 130	12	20
Chlorobenzene	ND		49.9	38.43		ug/Kg		77	65 - 125	8	22
Chloroethane	ND		49.9	50.89		ug/Kg		102	51 - 131	16	21
Chloroform	ND		49.9	39.26		ug/Kg		79	70 - 125	10	20
Chloromethane	ND		49.9	54.49		ug/Kg		109	43 - 125	8	21
Dibromochloromethane	ND		49.9	42.80		ug/Kg		86	56 - 132	8	24
Dibromomethane	ND		49.9	43.22		ug/Kg		87	67 - 127	5	20
Dichlorodifluoromethane	ND		49.9	38.06		ug/Kg		76	47 - 127	15	20
Ethylbenzene	ND		49.9	37.74		ug/Kg		76	64 - 125	10	22
Isopropylbenzene	ND		49.9	37.96		ug/Kg		76	59 - 129	12	26
Methylene Chloride	ND		49.9	37.69		ug/Kg		76	60 - 125	8	20
Methyl-t-Butyl Ether (MTBE)	ND		49.9	45.89		ug/Kg		92	61 - 125	9	20
Naphthalene	ND		49.9	43.64		ug/Kg		87	25 - 136	8	32
n-Butylbenzene	ND		49.9	33.57		ug/Kg		67	35 - 135	14	35
N-Propylbenzene	ND		49.9	36.93		ug/Kg		74	52 - 131	11	27
o-Xylene	ND		49.9	38.36		ug/Kg		77	59 - 128	8	24
m,p-Xylene	ND		99.8	74.52		ug/Kg		75	60 - 125	8	24
p-Isopropyltoluene	ND		49.9	34.53		ug/Kg		69	46 - 132	13	30
sec-Butylbenzene	ND		49.9	35.35		ug/Kg		71	47 - 131	12	30
Styrene	ND		49.9	37.50		ug/Kg		75	58 - 128	9	24
trans-1,2-Dichloroethene	ND		49.9	37.61		ug/Kg		75	67 - 125	10	20
trans-1,3-Dichloropropene	ND		49.9	41.00		ug/Kg		82	59 - 132	8	22
tert-Butylbenzene	ND		49.9	36.33		ug/Kg		73	53 - 126	14	28
Tetrachloroethene	ND		49.9	39.64		ug/Kg		79	62 - 129	10	21
Toluene	ND		49.9	39.22		ug/Kg		79	68 - 125	7	20
Trichloroethene	ND		49.9	46.16		ug/Kg		93	41 - 169	10	21
Trichlorofluoromethane	ND		49.9	46.63		ug/Kg		93	63 - 128	14	20
Vinyl acetate	ND		49.9	19.91		ug/Kg		40	20 - 154	11	40
Vinyl chloride	ND		49.9	57.04		ug/Kg		114	59 - 125	14	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 141*
4-Bromofluorobenzene (Surr)	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*47 - 142*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-219545/5-A
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
2-Butanone	ND		20		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
2-Hexanone	ND		20		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Acetone	ND		20		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Benzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Bromobenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Bromochloromethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Bromodichloromethane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Bromoform	ND		5.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Bromomethane	ND		20		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Carbon disulfide	ND		10		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Chlorobenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Chloroethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Chloroform	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Chloromethane	ND		20		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Dibromochloromethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Dibromomethane	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Ethylbenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Isopropylbenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Methylene Chloride	ND		10		ug/Kg		03/15/22 09:17	03/15/22 11:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-219545/5-A
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Naphthalene	ND		10		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
n-Butylbenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
N-Propylbenzene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
o-Xylene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
m,p-Xylene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Styrene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Tetrachloroethene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Toluene	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Trichloroethene	ND		2.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Trichlorofluoromethane	ND		10		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Vinyl acetate	ND		10		ug/Kg		03/15/22 09:17	03/15/22 11:12	1
Vinyl chloride	ND		1.0		ug/Kg		03/15/22 09:17	03/15/22 11:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*	*03/15/22 09:17*	*03/15/22 11:12*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 120*	*03/15/22 09:17*	*03/15/22 11:12*	*1*
Dibromofluoromethane (Surr)	*108*		*47 - 142*	*03/15/22 09:17*	*03/15/22 11:12*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*03/15/22 09:17*	*03/15/22 11:12*	*1*

Lab Sample ID: LCS 570-219545/1-A
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	52.72		ug/Kg		105	80 - 124
1,1,1-Trichloroethane	50.0	53.57		ug/Kg		107	73 - 121
1,1,2,2-Tetrachloroethane	50.0	49.94		ug/Kg		100	76 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.15		ug/Kg		102	64 - 120
1,1,2-Trichloroethane	50.0	52.64		ug/Kg		105	80 - 120
1,1-Dichloroethane	50.0	50.33		ug/Kg		101	71 - 120
1,1-Dichloroethene	50.0	47.15		ug/Kg		94	68 - 120
1,1-Dichloropropene	50.0	53.03		ug/Kg		106	74 - 122
1,2,3-Trichlorobenzene	50.0	51.22		ug/Kg		102	80 - 128
1,2,3-Trichloropropane	50.0	49.92		ug/Kg		100	74 - 122
1,2,4-Trichlorobenzene	50.0	51.01		ug/Kg		102	80 - 132
1,2,4-Trimethylbenzene	50.0	49.25		ug/Kg		99	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	40.04		ug/Kg		80	65 - 120
1,2-Dibromoethane	50.0	51.15		ug/Kg		102	80 - 120
1,2-Dichlorobenzene	50.0	47.99		ug/Kg		96	80 - 120
1,2-Dichloroethane	50.0	48.88		ug/Kg		98	76 - 126
1,2-Dichloropropane	50.0	46.61		ug/Kg		93	80 - 120
1,3,5-Trimethylbenzene	50.0	50.57		ug/Kg		101	78 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-219545/1-A
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	46.17		ug/Kg		92	80 - 120
1,3-Dichloropropane	50.0	52.24		ug/Kg		104	80 - 120
1,4-Dichlorobenzene	50.0	46.47		ug/Kg		93	80 - 120
2,2-Dichloropropane	50.0	49.33		ug/Kg		99	68 - 129
2-Butanone	50.0	46.92		ug/Kg		94	63 - 129
2-Chlorotoluene	50.0	51.80		ug/Kg		104	77 - 122
2-Hexanone	50.0	37.58		ug/Kg		75	67 - 130
4-Chlorotoluene	50.0	49.17		ug/Kg		98	80 - 120
4-Methyl-2-pentanone	50.0	40.49		ug/Kg		81	73 - 122
Acetone	50.0	46.68		ug/Kg		93	62 - 123
Benzene	50.0	49.58		ug/Kg		99	76 - 120
Bromobenzene	50.0	50.65		ug/Kg		101	80 - 124
Bromochloromethane	50.0	56.74		ug/Kg		113	77 - 120
Bromodichloromethane	50.0	56.28		ug/Kg		113	80 - 127
Bromoform	50.0	47.29		ug/Kg		95	69 - 131
Bromomethane	50.0	64.10		ug/Kg		128	39 - 143
cis-1,2-Dichloroethene	50.0	55.97		ug/Kg		112	77 - 121
cis-1,3-Dichloropropene	50.0	52.12		ug/Kg		104	80 - 121
Carbon disulfide	50.0	49.50		ug/Kg		99	59 - 128
Carbon tetrachloride	50.0	52.41		ug/Kg		105	68 - 132
Chlorobenzene	50.0	50.47		ug/Kg		101	80 - 120
Chloroethane	50.0	55.01		ug/Kg		110	59 - 135
Chloroform	50.0	57.80		ug/Kg		116	77 - 121
Chloromethane	50.0	43.01		ug/Kg		86	51 - 129
Dibromochloromethane	50.0	54.92		ug/Kg		110	77 - 127
Dibromomethane	50.0	54.95		ug/Kg		110	80 - 124
Dichlorodifluoromethane	50.0	49.37		ug/Kg		99	53 - 133
Ethylbenzene	50.0	49.37		ug/Kg		99	80 - 120
Isopropylbenzene	50.0	48.49		ug/Kg		97	80 - 123
Methylene Chloride	50.0	56.83		ug/Kg		114	70 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	57.27		ug/Kg		115	70 - 120
Naphthalene	50.0	45.71		ug/Kg		91	76 - 121
n-Butylbenzene	50.0	48.43		ug/Kg		97	78 - 123
N-Propylbenzene	50.0	49.79		ug/Kg		100	78 - 123
o-Xylene	50.0	51.44		ug/Kg		103	76 - 125
m,p-Xylene	100	96.44		ug/Kg		96	75 - 122
p-Isopropyltoluene	50.0	47.25		ug/Kg		94	80 - 121
sec-Butylbenzene	50.0	45.39		ug/Kg		91	80 - 120
Styrene	50.0	51.10		ug/Kg		102	79 - 123
trans-1,2-Dichloroethene	50.0	53.02		ug/Kg		106	71 - 120
trans-1,3-Dichloropropene	50.0	52.08		ug/Kg		104	80 - 126
tert-Butylbenzene	50.0	43.40		ug/Kg		87	80 - 120
Tetrachloroethene	50.0	44.16		ug/Kg		88	80 - 123
Toluene	50.0	51.48		ug/Kg		103	79 - 120
Trichloroethene	50.0	52.72		ug/Kg		105	80 - 120
Trichlorofluoromethane	50.0	51.73		ug/Kg		103	69 - 133
Vinyl acetate	50.0	55.10		ug/Kg		110	78 - 138
Vinyl chloride	50.0	54.64		ug/Kg		109	65 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-219545/1-A
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219545

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		64 - 141
4-Bromofluorobenzene (Surr)	106		76 - 120
Dibromofluoromethane (Surr)	109		47 - 142
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 570-219545/2-A
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	51.66		ug/Kg		103	80 - 124	2	20
1,1,1-Trichloroethane			50.0	51.99		ug/Kg		104	73 - 121	3	20
1,1,2,2-Tetrachloroethane			50.0	48.71		ug/Kg		97	76 - 123	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	46.60		ug/Kg		93	64 - 120	9	20
1,1,2-Trichloroethane			50.0	51.39		ug/Kg		103	80 - 120	2	20
1,1-Dichloroethane			50.0	49.29		ug/Kg		99	71 - 120	2	20
1,1-Dichloroethene			50.0	44.17		ug/Kg		88	68 - 120	7	20
1,1-Dichloropropene			50.0	50.62		ug/Kg		101	74 - 122	5	20
1,2,3-Trichlorobenzene			50.0	50.36		ug/Kg		101	80 - 128	2	20
1,2,3-Trichloropropane			50.0	48.90		ug/Kg		98	74 - 122	2	20
1,2,4-Trichlorobenzene			50.0	50.09		ug/Kg		100	80 - 132	2	20
1,2,4-Trimethylbenzene			50.0	48.62		ug/Kg		97	80 - 120	1	20
1,2-Dibromo-3-Chloropropane			50.0	40.14		ug/Kg		80	65 - 120	0	20
1,2-Dibromoethane			50.0	50.57		ug/Kg		101	80 - 120	1	20
1,2-Dichlorobenzene			50.0	47.27		ug/Kg		95	80 - 120	2	20
1,2-Dichloroethane			50.0	48.84		ug/Kg		98	76 - 126	0	20
1,2-Dichloropropane			50.0	46.76		ug/Kg		94	80 - 120	0	20
1,3,5-Trimethylbenzene			50.0	49.45		ug/Kg		99	78 - 124	2	20
1,3-Dichlorobenzene			50.0	45.45		ug/Kg		91	80 - 120	2	20
1,3-Dichloropropane			50.0	51.02		ug/Kg		102	80 - 120	2	20
1,4-Dichlorobenzene			50.0	45.92		ug/Kg		92	80 - 120	1	20
2,2-Dichloropropane			50.0	48.35		ug/Kg		97	68 - 129	2	20
2-Butanone			50.0	45.89		ug/Kg		92	63 - 129	2	20
2-Chlorotoluene			50.0	50.37		ug/Kg		101	77 - 122	3	20
2-Hexanone			50.0	37.81		ug/Kg		76	67 - 130	1	20
4-Chlorotoluene			50.0	48.36		ug/Kg		97	80 - 120	2	20
4-Methyl-2-pentanone			50.0	40.22		ug/Kg		80	73 - 122	1	20
Acetone			50.0	46.62		ug/Kg		93	62 - 123	0	20
Benzene			50.0	49.37		ug/Kg		99	76 - 120	0	20
Bromobenzene			50.0	49.70		ug/Kg		99	80 - 124	2	20
Bromochloromethane			50.0	55.44		ug/Kg		111	77 - 120	2	20
Bromodichloromethane			50.0	56.20		ug/Kg		112	80 - 127	0	20
Bromoform			50.0	46.75		ug/Kg		94	69 - 131	1	20
Bromomethane			50.0	62.39		ug/Kg		125	39 - 143	3	20
cis-1,2-Dichloroethene			50.0	54.47		ug/Kg		109	77 - 121	3	20
cis-1,3-Dichloropropene			50.0	51.69		ug/Kg		103	80 - 121	1	20
Carbon disulfide			50.0	48.68		ug/Kg		97	59 - 128	2	20
Carbon tetrachloride			50.0	50.47		ug/Kg		101	68 - 132	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-219545/2-A
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene			50.0	49.85		ug/Kg		100	80 - 120	1	20
Chloroethane			50.0	54.24		ug/Kg		108	59 - 135	1	20
Chloroform			50.0	56.30		ug/Kg		113	77 - 121	3	20
Chloromethane			50.0	42.03		ug/Kg		84	51 - 129	2	20
Dibromochloromethane			50.0	53.11		ug/Kg		106	77 - 127	3	20
Dibromomethane			50.0	55.14		ug/Kg		110	80 - 124	0	20
Dichlorodifluoromethane			50.0	48.16		ug/Kg		96	53 - 133	2	20
Ethylbenzene			50.0	48.46		ug/Kg		97	80 - 120	2	20
Isopropylbenzene			50.0	47.58		ug/Kg		95	80 - 123	2	20
Methylene Chloride			50.0	55.51		ug/Kg		111	70 - 120	2	20
Methyl-t-Butyl Ether (MTBE)			50.0	55.68		ug/Kg		111	70 - 120	3	20
Naphthalene			50.0	45.52		ug/Kg		91	76 - 121	0	20
n-Butylbenzene			50.0	47.09		ug/Kg		94	78 - 123	3	20
N-Propylbenzene			50.0	48.67		ug/Kg		97	78 - 123	2	20
o-Xylene			50.0	50.67		ug/Kg		101	76 - 125	2	20
m,p-Xylene			100	94.37		ug/Kg		94	75 - 122	2	20
p-Isopropyltoluene			50.0	46.87		ug/Kg		94	80 - 121	1	20
sec-Butylbenzene			50.0	45.06		ug/Kg		90	80 - 120	1	20
Styrene			50.0	50.23		ug/Kg		100	79 - 123	2	20
trans-1,2-Dichloroethene			50.0	51.72		ug/Kg		103	71 - 120	2	20
trans-1,3-Dichloropropene			50.0	50.20		ug/Kg		100	80 - 126	4	20
tert-Butylbenzene			50.0	42.59		ug/Kg		85	80 - 120	2	20
Tetrachloroethene			50.0	42.96		ug/Kg		86	80 - 123	3	20
Toluene			50.0	51.10		ug/Kg		102	79 - 120	1	20
Trichloroethene			50.0	51.63		ug/Kg		103	80 - 120	2	20
Trichlorofluoromethane			50.0	51.95		ug/Kg		104	69 - 133	0	20
Vinyl acetate			50.0	51.62		ug/Kg		103	78 - 138	7	20
Vinyl chloride			50.0	53.64		ug/Kg		107	65 - 129	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 141*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*106*		*47 - 142*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 570-87042-A-40-G MS
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1,2-Tetrachloroethane	ND		49.1	48.70		ug/Kg		99	61 - 129		
1,1,1-Trichloroethane	ND		49.1	52.28		ug/Kg		106	67 - 125		
1,1,2,2-Tetrachloroethane	ND		49.1	48.43		ug/Kg		99	20 - 164		
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.1	50.90		ug/Kg		104	62 - 125		
1,1,2-Trichloroethane	ND		49.1	51.15		ug/Kg		104	52 - 134		
1,1-Dichloroethane	ND		49.1	48.33		ug/Kg		98	66 - 125		
1,1-Dichloroethene	ND		49.1	46.34		ug/Kg		94	60 - 125		
1,1-Dichloropropene	ND		49.1	49.87		ug/Kg		102	69 - 125		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87042-A-40-G MS
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		49.1	45.83		ug/Kg		93	20 - 145
1,2,3-Trichloropropane	ND		49.1	47.32		ug/Kg		96	53 - 128
1,2,4-Trichlorobenzene	ND		49.1	45.97		ug/Kg		94	20 - 146
1,2,4-Trimethylbenzene	ND		49.1	48.47		ug/Kg		99	51 - 129
1,2-Dibromo-3-Chloropropane	ND		49.1	39.59		ug/Kg		81	33 - 126
1,2-Dibromoethane	ND		49.1	48.62		ug/Kg		99	65 - 125
1,2-Dichlorobenzene	ND		49.1	46.74		ug/Kg		95	47 - 130
1,2-Dichloroethane	ND		49.1	49.85		ug/Kg		101	66 - 127
1,2-Dichloropropane	ND		49.1	45.73		ug/Kg		93	70 - 125
1,3,5-Trimethylbenzene	ND		49.1	48.05		ug/Kg		98	50 - 132
1,3-Dichlorobenzene	ND		49.1	45.18		ug/Kg		92	48 - 128
1,3-Dichloropropane	ND		49.1	49.80		ug/Kg		101	66 - 125
1,4-Dichlorobenzene	ND		49.1	45.44		ug/Kg		93	47 - 127
2,2-Dichloropropane	ND		49.1	47.38		ug/Kg		96	61 - 128
2-Butanone	ND		49.1	45.07		ug/Kg		92	48 - 134
2-Chlorotoluene	ND		49.1	49.62		ug/Kg		101	54 - 127
2-Hexanone	ND		49.1	35.22		ug/Kg		72	48 - 136
4-Chlorotoluene	ND		49.1	48.41		ug/Kg		99	54 - 125
4-Methyl-2-pentanone	ND		49.1	38.46		ug/Kg		78	55 - 133
Acetone	ND		49.1	45.47		ug/Kg		93	30 - 175
Benzene	ND		49.1	49.27		ug/Kg		100	70 - 125
Bromobenzene	ND		49.1	48.14		ug/Kg		98	57 - 129
Bromochloromethane	ND		49.1	54.97		ug/Kg		112	67 - 125
Bromodichloromethane	ND		49.1	54.87		ug/Kg		112	64 - 130
Bromoform	ND		49.1	45.03		ug/Kg		92	49 - 133
Bromomethane	ND		49.1	69.20		ug/Kg		141	30 - 149
cis-1,2-Dichloroethene	ND		49.1	54.61		ug/Kg		111	71 - 125
cis-1,3-Dichloropropene	ND		49.1	48.48		ug/Kg		99	63 - 126
Carbon disulfide	ND		49.1	49.02		ug/Kg		100	53 - 125
Carbon tetrachloride	ND		49.1	50.02		ug/Kg		102	60 - 130
Chlorobenzene	ND		49.1	48.69		ug/Kg		99	65 - 125
Chloroethane	ND		49.1	53.47		ug/Kg		109	51 - 131
Chloroform	ND		49.1	55.97		ug/Kg		114	70 - 125
Chloromethane	ND		49.1	43.24		ug/Kg		88	43 - 125
Dibromochloromethane	ND		49.1	50.13		ug/Kg		102	56 - 132
Dibromomethane	ND		49.1	54.55		ug/Kg		111	67 - 127
Dichlorodifluoromethane	ND		49.1	47.77		ug/Kg		97	47 - 127
Ethylbenzene	ND		49.1	48.51		ug/Kg		99	64 - 125
Isopropylbenzene	ND		49.1	46.78		ug/Kg		95	59 - 129
Methylene Chloride	ND		49.1	55.00		ug/Kg		112	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND		49.1	51.17		ug/Kg		104	61 - 125
Naphthalene	ND		49.1	41.32		ug/Kg		84	25 - 136
n-Butylbenzene	ND		49.1	45.99		ug/Kg		94	35 - 135
N-Propylbenzene	ND		49.1	47.85		ug/Kg		97	52 - 131
o-Xylene	ND		49.1	50.19		ug/Kg		102	59 - 128
m,p-Xylene	ND		98.2	94.31		ug/Kg		96	60 - 125
p-Isopropyltoluene	ND		49.1	46.20		ug/Kg		94	46 - 132
sec-Butylbenzene	ND		49.1	44.72		ug/Kg		91	47 - 131
Styrene	ND		49.1	49.12		ug/Kg		100	58 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87042-A-40-G MS
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	ND		49.1	51.51		ug/Kg		105	67 - 125
trans-1,3-Dichloropropene	ND		49.1	47.13		ug/Kg		96	59 - 132
tert-Butylbenzene	ND		49.1	43.24		ug/Kg		88	53 - 126
Tetrachloroethene	ND		49.1	43.20		ug/Kg		88	62 - 129
Toluene	ND		49.1	51.08		ug/Kg		104	68 - 125
Trichloroethene	ND		49.1	50.69		ug/Kg		103	41 - 169
Trichlorofluoromethane	ND		49.1	51.78		ug/Kg		105	63 - 128
Vinyl acetate	ND		49.1	35.80		ug/Kg		73	20 - 154
Vinyl chloride	ND		49.1	52.35		ug/Kg		107	59 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 141*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*
Dibromofluoromethane (Surr)	*108*		*47 - 142*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 570-87042-A-40-H MSD
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 219545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.2	48.27		ug/Kg		96	61 - 129	1	23
1,1,1-Trichloroethane	ND		50.2	50.33		ug/Kg		100	67 - 125	4	20
1,1,2,2-Tetrachloroethane	ND		50.2	45.74		ug/Kg		91	20 - 164	6	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.2	47.01		ug/Kg		94	62 - 125	8	20
1,1,2-Trichloroethane	ND		50.2	49.81		ug/Kg		99	52 - 134	3	25
1,1-Dichloroethane	ND		50.2	45.99		ug/Kg		92	66 - 125	5	20
1,1-Dichloroethene	ND		50.2	43.88		ug/Kg		87	60 - 125	5	20
1,1-Dichloropropene	ND		50.2	48.95		ug/Kg		98	69 - 125	2	20
1,2,3-Trichlorobenzene	ND		50.2	41.25		ug/Kg		82	20 - 145	11	39
1,2,3-Trichloropropane	ND		50.2	46.65		ug/Kg		93	53 - 128	1	25
1,2,4-Trichlorobenzene	ND		50.2	41.52		ug/Kg		83	20 - 146	10	38
1,2,4-Trimethylbenzene	ND		50.2	42.80		ug/Kg		85	51 - 129	12	27
1,2-Dibromo-3-Chloropropane	ND		50.2	35.76		ug/Kg		71	33 - 126	10	29
1,2-Dibromoethane	ND		50.2	48.54		ug/Kg		97	65 - 125	0	21
1,2-Dichlorobenzene	ND		50.2	41.62		ug/Kg		83	47 - 130	12	29
1,2-Dichloroethane	ND		50.2	47.70		ug/Kg		95	66 - 127	4	20
1,2-Dichloropropane	ND		50.2	44.24		ug/Kg		88	70 - 125	3	20
1,3,5-Trimethylbenzene	ND		50.2	44.88		ug/Kg		89	50 - 132	7	29
1,3-Dichlorobenzene	ND		50.2	39.79		ug/Kg		79	48 - 128	13	28
1,3-Dichloropropane	ND		50.2	48.96		ug/Kg		98	66 - 125	2	20
1,4-Dichlorobenzene	ND		50.2	40.03		ug/Kg		80	47 - 127	13	28
2,2-Dichloropropane	ND		50.2	45.48		ug/Kg		91	61 - 128	4	20
2-Butanone	ND		50.2	46.52		ug/Kg		93	48 - 134	3	24
2-Chlorotoluene	ND		50.2	46.46		ug/Kg		93	54 - 127	7	27
2-Hexanone	ND		50.2	36.24		ug/Kg		72	48 - 136	3	28
4-Chlorotoluene	ND		50.2	42.82		ug/Kg		85	54 - 125	12	26
4-Methyl-2-pentanone	ND		50.2	39.55		ug/Kg		79	55 - 133	3	23

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87042-A-40-H MSD
Matrix: Solid
Analysis Batch: 219546

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 219545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		50.2	48.88		ug/Kg		97	30 - 175	7	30
Benzene	ND		50.2	46.80		ug/Kg		93	70 - 125	5	20
Bromobenzene	ND		50.2	46.11		ug/Kg		92	57 - 129	4	26
Bromochloromethane	ND		50.2	53.69		ug/Kg		107	67 - 125	2	20
Bromodichloromethane	ND		50.2	53.82		ug/Kg		107	64 - 130	2	20
Bromoform	ND		50.2	43.46		ug/Kg		87	49 - 133	4	27
Bromomethane	ND		50.2	61.58		ug/Kg		123	30 - 149	12	31
cis-1,2-Dichloroethene	ND		50.2	52.83		ug/Kg		105	71 - 125	3	20
cis-1,3-Dichloropropene	ND		50.2	49.19		ug/Kg		98	63 - 126	1	20
Carbon disulfide	ND		50.2	46.29		ug/Kg		92	53 - 125	6	20
Carbon tetrachloride	ND		50.2	48.29		ug/Kg		96	60 - 130	4	20
Chlorobenzene	ND		50.2	46.38		ug/Kg		92	65 - 125	5	22
Chloroethane	ND		50.2	52.60		ug/Kg		105	51 - 131	2	21
Chloroform	ND		50.2	53.66		ug/Kg		107	70 - 125	4	20
Chloromethane	ND		50.2	40.72		ug/Kg		81	43 - 125	6	21
Dibromochloromethane	ND		50.2	50.03		ug/Kg		100	56 - 132	0	24
Dibromomethane	ND		50.2	52.49		ug/Kg		105	67 - 127	4	20
Dichlorodifluoromethane	ND		50.2	47.29		ug/Kg		94	47 - 127	1	20
Ethylbenzene	ND		50.2	44.92		ug/Kg		89	64 - 125	8	22
Isopropylbenzene	ND		50.2	43.60		ug/Kg		87	59 - 129	7	26
Methylene Chloride	ND		50.2	53.79		ug/Kg		107	60 - 125	2	20
Methyl-t-Butyl Ether (MTBE)	ND		50.2	54.41		ug/Kg		108	61 - 125	6	20
Naphthalene	ND		50.2	38.48		ug/Kg		77	25 - 136	7	32
n-Butylbenzene	ND		50.2	40.15		ug/Kg		80	35 - 135	14	35
N-Propylbenzene	ND		50.2	44.42		ug/Kg		88	52 - 131	7	27
o-Xylene	ND		50.2	47.23		ug/Kg		94	59 - 128	6	24
m,p-Xylene	ND		100	86.85		ug/Kg		86	60 - 125	8	24
p-Isopropyltoluene	ND		50.2	40.68		ug/Kg		81	46 - 132	13	30
sec-Butylbenzene	ND		50.2	38.76		ug/Kg		77	47 - 131	14	30
Styrene	ND		50.2	46.59		ug/Kg		93	58 - 128	5	24
trans-1,2-Dichloroethene	ND		50.2	49.39		ug/Kg		98	67 - 125	4	20
trans-1,3-Dichloropropene	ND		50.2	47.19		ug/Kg		94	59 - 132	0	22
tert-Butylbenzene	ND		50.2	37.43		ug/Kg		75	53 - 126	14	28
Tetrachloroethene	ND		50.2	39.80		ug/Kg		79	62 - 129	8	21
Toluene	ND		50.2	48.43		ug/Kg		96	68 - 125	5	20
Trichloroethene	ND		50.2	48.33		ug/Kg		96	41 - 169	5	21
Trichlorofluoromethane	ND		50.2	51.08		ug/Kg		102	63 - 128	1	20
Vinyl acetate	ND		50.2	29.33		ug/Kg		58	20 - 154	20	40
Vinyl chloride	ND		50.2	52.51		ug/Kg		105	59 - 125	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 141*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*109*		*47 - 142*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-669405/1-A ^5
Matrix: Solid
Analysis Batch: 669679

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 669405

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.95		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Arsenic	ND		2.99		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Barium	ND		2.99		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Beryllium	ND		0.498		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Cadmium	ND		0.498		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Chromium	ND		0.995		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Cobalt	ND		0.995		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Copper	ND		1.99		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Lead	ND		1.99		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Molybdenum	ND		1.99		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Nickel	ND		1.99		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Selenium	ND		2.99		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Silver	ND		1.49		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Thallium	ND		9.95		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Vanadium	ND		0.995		mg/Kg		03/21/22 10:17	03/23/22 17:24	5
Zinc	ND		4.98		mg/Kg		03/21/22 10:17	03/23/22 17:24	5

Lab Sample ID: LCS 440-669405/2-A ^5
Matrix: Solid
Analysis Batch: 669679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 669405

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	51.0	55.37		mg/Kg		109	80 - 120
Arsenic	51.0	50.41		mg/Kg		99	80 - 120
Barium	51.0	50.46		mg/Kg		99	80 - 120
Beryllium	51.0	51.68		mg/Kg		101	80 - 120
Cadmium	51.0	48.85		mg/Kg		96	80 - 120
Chromium	51.0	51.15		mg/Kg		100	80 - 120
Cobalt	51.0	50.91		mg/Kg		100	80 - 120
Copper	51.0	52.31		mg/Kg		103	80 - 120
Lead	51.0	50.71		mg/Kg		99	80 - 120
Molybdenum	51.0	50.01		mg/Kg		98	80 - 120
Nickel	51.0	51.24		mg/Kg		100	80 - 120
Selenium	51.0	49.53		mg/Kg		97	80 - 120
Silver	25.5	25.08		mg/Kg		98	80 - 120
Thallium	51.0	50.82		mg/Kg		100	80 - 120
Vanadium	51.0	50.00		mg/Kg		98	80 - 120
Zinc	51.0	50.47		mg/Kg		99	80 - 120

Lab Sample ID: 570-88002-A-35-G MS ^5
Matrix: Solid
Analysis Batch: 669679

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 669405

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1	49.8	28.53	F1	mg/Kg		57	75 - 125
Arsenic	3.88		49.8	50.50		mg/Kg		94	75 - 125
Barium	38.5		49.8	87.55		mg/Kg		99	75 - 125
Beryllium	ND		49.8	48.07		mg/Kg		96	75 - 125
Cadmium	ND		49.8	44.19		mg/Kg		89	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-88002-A-35-G MS ^5
Matrix: Solid
Analysis Batch: 669679

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 669405

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	9.64		49.8	58.42		mg/Kg		98	75 - 125
Cobalt	3.64		49.8	48.77		mg/Kg		91	75 - 125
Copper	5.55		49.8	54.95		mg/Kg		99	75 - 125
Lead	2.18		49.8	47.94		mg/Kg		92	75 - 125
Molybdenum	ND		49.8	46.28		mg/Kg		90	75 - 125
Nickel	7.40		49.8	52.11		mg/Kg		90	75 - 125
Selenium	ND		49.8	45.01		mg/Kg		90	75 - 125
Silver	ND		24.9	22.62		mg/Kg		91	75 - 125
Thallium	ND		49.8	45.12		mg/Kg		91	75 - 125
Vanadium	17.3		49.8	68.07		mg/Kg		102	75 - 125
Zinc	21.8		49.8	67.38		mg/Kg		92	75 - 125

Lab Sample ID: 570-88002-A-35-H MSD ^5
Matrix: Solid
Analysis Batch: 669679

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 669405

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	49.5	27.91	F1	mg/Kg		56	75 - 125	2	20
Arsenic	3.88		49.5	49.48		mg/Kg		92	75 - 125	2	20
Barium	38.5		49.5	88.03		mg/Kg		100	75 - 125	1	20
Beryllium	ND		49.5	47.08		mg/Kg		95	75 - 125	2	20
Cadmium	ND		49.5	43.16		mg/Kg		87	75 - 125	2	20
Chromium	9.64		49.5	56.60		mg/Kg		95	75 - 125	3	20
Cobalt	3.64		49.5	48.55		mg/Kg		91	75 - 125	0	20
Copper	5.55		49.5	53.37		mg/Kg		97	75 - 125	3	20
Lead	2.18		49.5	46.58		mg/Kg		90	75 - 125	3	20
Molybdenum	ND		49.5	45.89		mg/Kg		90	75 - 125	1	20
Nickel	7.40		49.5	52.23		mg/Kg		91	75 - 125	0	20
Selenium	ND		49.5	44.83		mg/Kg		91	75 - 125	0	20
Silver	ND		24.8	22.14		mg/Kg		89	75 - 125	2	20
Thallium	ND		49.5	44.57		mg/Kg		90	75 - 125	1	20
Vanadium	17.3		49.5	67.13		mg/Kg		101	75 - 125	1	20
Zinc	21.8		49.5	67.86		mg/Kg		93	75 - 125	1	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-221033/1-A
Matrix: Solid
Analysis Batch: 221118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 221033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		03/21/22 10:46	03/21/22 14:24	1

Lab Sample ID: LCS 570-221033/2-A
Matrix: Solid
Analysis Batch: 221118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 221033

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.806	0.8495		mg/Kg		105	85 - 121

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-221033/3-A
Matrix: Solid
Analysis Batch: 221118

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 221033

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.794	0.8369		mg/Kg		105	85 - 121	1	10

Lab Sample ID: 570-88310-A-1-F MS
Matrix: Solid
Analysis Batch: 221118

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 221033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.806	0.8160		mg/Kg		101	71 - 137		

Lab Sample ID: 570-88310-A-1-G MSD
Matrix: Solid
Analysis Batch: 221118

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 221033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.820	0.8427		mg/Kg		103	71 - 137	3	14

GC/MS VOA

Analysis Batch: 219456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87328-1	DGA-004-1	Total/NA	Solid	8260B	219484
570-87328-3	DGA-004-10	Total/NA	Solid	8260B	219484
570-87328-4	DGA-009-1	Total/NA	Solid	8260B	219484
570-87328-5	DGA-009-5	Total/NA	Solid	8260B	219484
570-87328-6	DGA-009-10	Total/NA	Solid	8260B	219484
570-87328-7	DGA-011-3.5	Total/NA	Solid	8260B	219484
570-87328-8	DGA-011-5	Total/NA	Solid	8260B	219484
570-87328-9	DGA-011-10	Total/NA	Solid	8260B	219484
570-87328-10	DGA-007-1	Total/NA	Solid	8260B	219484
570-87328-11	DGA-007-5	Total/NA	Solid	8260B	219484
570-87328-12	DGA-007-9.5	Total/NA	Solid	8260B	219484
570-87328-13	DGA-008-1	Total/NA	Solid	8260B	219484
570-87328-14	DGA-008-5	Total/NA	Solid	8260B	219484
570-87328-15	DGA-008-9.5	Total/NA	Solid	8260B	219484
570-87328-16	DGA-003-1	Total/NA	Solid	8260B	219484
570-87328-17	DGA-003-5	Total/NA	Solid	8260B	219484
570-87328-18	DGA-003-10	Total/NA	Solid	8260B	219484
570-87328-19	NCW—021-B-050	Total/NA	Solid	8260B	219484
MB 570-219484/3-A	Method Blank	Total/NA	Solid	8260B	219484
LCS 570-219484/1-A	Lab Control Sample	Total/NA	Solid	8260B	219484
LCSD 570-219484/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	219484
570-87328-1 MS	DGA-004-1	Total/NA	Solid	8260B	219484
570-87328-1 MSD	DGA-004-1	Total/NA	Solid	8260B	219484

Prep Batch: 219484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87328-1	DGA-004-1	Total/NA	Solid	5030C	
570-87328-3	DGA-004-10	Total/NA	Solid	5030C	
570-87328-4	DGA-009-1	Total/NA	Solid	5030C	
570-87328-5	DGA-009-5	Total/NA	Solid	5030C	
570-87328-6	DGA-009-10	Total/NA	Solid	5030C	
570-87328-7	DGA-011-3.5	Total/NA	Solid	5030C	
570-87328-8	DGA-011-5	Total/NA	Solid	5030C	
570-87328-9	DGA-011-10	Total/NA	Solid	5030C	
570-87328-10	DGA-007-1	Total/NA	Solid	5030C	
570-87328-11	DGA-007-5	Total/NA	Solid	5030C	
570-87328-12	DGA-007-9.5	Total/NA	Solid	5030C	
570-87328-13	DGA-008-1	Total/NA	Solid	5030C	
570-87328-14	DGA-008-5	Total/NA	Solid	5030C	
570-87328-15	DGA-008-9.5	Total/NA	Solid	5030C	
570-87328-16	DGA-003-1	Total/NA	Solid	5030C	
570-87328-17	DGA-003-5	Total/NA	Solid	5030C	
570-87328-18	DGA-003-10	Total/NA	Solid	5030C	
570-87328-19	NCW—021-B-050	Total/NA	Solid	5030C	
MB 570-219484/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-219484/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-219484/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-87328-1 MS	DGA-004-1	Total/NA	Solid	5030C	
570-87328-1 MSD	DGA-004-1	Total/NA	Solid	5030C	

GC/MS VOA

Prep Batch: 219545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87328-2	DGA-004-5	Total/NA	Solid	5030C	
MB 570-219545/5-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-219545/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-219545/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-87042-A-40-G MS	Matrix Spike	Total/NA	Solid	5030C	
570-87042-A-40-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

Analysis Batch: 219546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87328-2	DGA-004-5	Total/NA	Solid	8260B	219545
MB 570-219545/5-A	Method Blank	Total/NA	Solid	8260B	219545
LCS 570-219545/1-A	Lab Control Sample	Total/NA	Solid	8260B	219545
LCSD 570-219545/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	219545
570-87042-A-40-G MS	Matrix Spike	Total/NA	Solid	8260B	219545
570-87042-A-40-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	219545

Metals

Prep Batch: 221033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87328-19	NCW—021-B-050	Total/NA	Solid	7471A	
MB 570-221033/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-221033/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-221033/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-88310-A-1-F MS	Matrix Spike	Total/NA	Solid	7471A	
570-88310-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 221118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87328-19	NCW—021-B-050	Total/NA	Solid	7471A	221033
MB 570-221033/1-A	Method Blank	Total/NA	Solid	7471A	221033
LCS 570-221033/2-A	Lab Control Sample	Total/NA	Solid	7471A	221033
LCSD 570-221033/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	221033
570-88310-A-1-F MS	Matrix Spike	Total/NA	Solid	7471A	221033
570-88310-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	221033

Prep Batch: 669405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87328-19	NCW—021-B-050	Total/NA	Solid	3050B	
MB 440-669405/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-669405/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-88002-A-35-G MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-88002-A-35-H MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 669679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87328-19	NCW—021-B-050	Total/NA	Solid	6010B	669405
MB 440-669405/1-A ^5	Method Blank	Total/NA	Solid	6010B	669405
LCS 440-669405/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	669405
570-88002-A-35-G MS ^5	Matrix Spike	Total/NA	Solid	6010B	669405
570-88002-A-35-H MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	669405

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Client Sample ID: DGA-004-1
Date Collected: 03/08/22 12:53
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.06 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/14/22 23:21	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-004-5
Date Collected: 03/08/22 12:55
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.08 g	5 mL	219545	03/15/22 09:17	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219546	03/15/22 17:48	AH8S	ECL 4
	Instrument ID: GCMSCC									

Client Sample ID: DGA-004-10
Date Collected: 03/08/22 12:57
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/14/22 23:47	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-009-1
Date Collected: 03/08/22 15:23
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 00:13	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-009-5
Date Collected: 03/08/22 15:25
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.09 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 07:06	A1W	ECL 4
	Instrument ID: GCMSLL									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Client Sample ID: DGA-009-10
Date Collected: 03/08/22 15:27
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 00:39	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-011-3.5
Date Collected: 03/08/22 15:47
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 01:04	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-011-5
Date Collected: 03/08/22 15:49
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 01:30	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-011-10
Date Collected: 03/08/22 15:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.03 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 01:56	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-007-1
Date Collected: 03/08/22 14:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 02:22	A1W	ECL 4
	Instrument ID: GCMSLL									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Client Sample ID: DGA-007-5
Date Collected: 03/08/22 14:52
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 02:48	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-007-9.5
Date Collected: 03/08/22 14:54
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 03:13	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-008-1
Date Collected: 03/08/22 11:22
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 03:39	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-008-5
Date Collected: 03/08/22 11:24
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 06:40	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-008-9.5
Date Collected: 03/08/22 11:26
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 04:05	A1W	ECL 4
	Instrument ID: GCMSLL									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Client Sample ID: DGA-003-1
Date Collected: 03/08/22 12:26
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.07 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 04:31	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-003-5
Date Collected: 03/08/22 12:28
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 04:58	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-003-10
Date Collected: 03/08/22 12:30
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.15 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 05:23	A1W	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: NCW—021-B-050
Date Collected: 03/08/22 11:51
Date Received: 03/08/22 19:00

Lab Sample ID: 570-87328-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.10 g	5 mL	219484	03/14/22 22:40	G6NI	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219456	03/15/22 05:49	A1W	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	3050B			1.96 g	50 mL	669405	03/21/22 10:17	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			669679	03/23/22 18:06	P1R	IRV 2
	Instrument ID: ICP10									
Total/NA	Prep	7471A			.60 g	100 mL	221033	03/21/22 10:46	VWJ7	ECL 4
Total/NA	Analysis	7471A		1			221118	03/21/22 14:50	VWJ7	ECL 4
	Instrument ID: HG8									

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-31-23

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10256	06-30-22
California	State	2706	06-30-22
Kansas	NELAP	E-10420	07-31-22
Nevada	State	CA015312022-1	07-31-22
Washington	State	C900	09-03-22

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 4
6010B	Metals (ICP)	SW846	IRV 2
7471A	Mercury (CVAA)	SW846	ECL 4
3050B	Preparation, Metals	SW846	IRV 2
5030C	Purge and Trap	SW846	ECL 4
7471A	Preparation, Mercury	SW846	ECL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87328-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-87328-1	DGA-004-1	Solid	03/08/22 12:53	03/08/22 19:00
570-87328-2	DGA-004-5	Solid	03/08/22 12:55	03/08/22 19:00
570-87328-3	DGA-004-10	Solid	03/08/22 12:57	03/08/22 19:00
570-87328-4	DGA-009-1	Solid	03/08/22 15:23	03/08/22 19:00
570-87328-5	DGA-009-5	Solid	03/08/22 15:25	03/08/22 19:00
570-87328-6	DGA-009-10	Solid	03/08/22 15:27	03/08/22 19:00
570-87328-7	DGA-011-3.5	Solid	03/08/22 15:47	03/08/22 19:00
570-87328-8	DGA-011-5	Solid	03/08/22 15:49	03/08/22 19:00
570-87328-9	DGA-011-10	Solid	03/08/22 15:51	03/08/22 19:00
570-87328-10	DGA-007-1	Solid	03/08/22 14:51	03/08/22 19:00
570-87328-11	DGA-007-5	Solid	03/08/22 14:52	03/08/22 19:00
570-87328-12	DGA-007-9.5	Solid	03/08/22 14:54	03/08/22 19:00
570-87328-13	DGA-008-1	Solid	03/08/22 11:22	03/08/22 19:00
570-87328-14	DGA-008-5	Solid	03/08/22 11:24	03/08/22 19:00
570-87328-15	DGA-008-9.5	Solid	03/08/22 11:26	03/08/22 19:00
570-87328-16	DGA-003-1	Solid	03/08/22 12:26	03/08/22 19:00
570-87328-17	DGA-003-5	Solid	03/08/22 12:28	03/08/22 19:00
570-87328-18	DGA-003-10	Solid	03/08/22 12:30	03/08/22 19:00
570-87328-19	NCW—021-B-050	Solid	03/08/22 11:51	03/08/22 19:00

Patel, Virendra

From: Samara, Nidal <NSamara@haleyaldrich.com>
Sent: Wednesday, March 9, 2022 2:15 PM
To: Patel, Virendra
Subject: Re: <RESPONSE REQUESTED> Eurofins Calscience sample confirmation files from 570-87328-1 Rohr Chula Vista-Parcel A/0127827-043
Attachments: mime-attachment.jpg; mime-attachment.jpg; SampleLoginAck_570-87328-1 [Std_Tal_Login_Ack].pdf; COC 570-87328 (202203091312).pdf

EXTERNAL EMAIL*

Virendra was a typo Please fix the COC should NCW—021-B-050
Sent from my iPhone

On Mar 9, 2022, at 2:06 PM, Virendra Patel <Virendra.Patel@eurofinset.com> wrote:

CAUTION: External Email

Hello,

Attached please find the sample confirmation files for job 570-87328-1; Rohr Chula Vista-Parcel A/0127827-043

1. The container labels for the following sample did not match the information listed on the Chain-of-Custody (COC): NCB-021-B-050 (570-87328-19). The container labels list NCW-021-B-050, while the COC lists NCB-021-B-050 (collection date matches).

ACTION: Please provide clarification on the above sample ID.

Please feel free to contact me if you have any questions.

Thank you.

Virendra Patel
Project Manager

Eurofins Calscience
Phone: 714-895-5494

E-mail: Virendra.Patel@eurofinset.com
www.eurofinsus.com/env

Reference: [570-296944]
Attachments: 2

> > Bank information has changed, please refer to remittance information on invoice. < <

* WARNING - EXTERNAL: This email originated from outside of Eurofins Environment Testing America. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

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570-87328 Chain of Custody

CHAIN OF CUSTODY RECORD 87328

DATE: 3/8/2022

PAGE: 1 OF 3

LABORATORY CLIENT: Haley & Aldrich	CLIENT PROJECT NAME / NUMBER: Rohr Chula Vista - Parcel A
ADDRESS: 5333 Mission Center Rd Suite 300	P O NO: Blanket Service Agreement No 0127827-043
CITY: San Diego STATE: CA ZIP: 92108	PROJECT CONTACT: B Scott
TEL: 619-888-0668 E MAIL: bscott@haleyaldrich com	SAMPLER(S) (PRINT): KN

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS x STANDARD

x COELT EDF | GLOBAL ID: T10000011095 | LOG CODE: HAIS

SPECIAL INSTRUCTIONS

EPA 8260B/5030 C

ECI Project#57010429 produce EQuIS EDDs, report J flags

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	VOC's	FIELD POINT ID
1	DGA004-1	3/8/22	1253	SOIL	1	X			X	DGA-004
2	DGA-004-5	3/8/22	1255	SOIL	1	X			X	DGA-004
3	DGA-004-10	3/8/22	1257	SOIL	1	X			X	DGA-004
4	DGA-009-1	3/8/22	1523	SOIL	1	X			X	DGA-009
5	DGA-009-5	3/8/22	1525	SOIL	1	X			X	DGA-009
6	DGA-009 10	3/8/22	1527	SOIL	1	X			X	DGA009
7	DGA-011-3.5	3/8/22	1547	SOIL	1	X			X	DGA-011
8	DGA-011-5	3/8/22	1549	SOIL	1	X			X	DGA-011
9	DGA-011-10	3/8/22	1551	SOIL	1	X			X	DGA-011

Relinquished by: (Signature)	Received by: (Signature/Affiliation) William Rivera	Date 3/8/22	Time 1640
Relinquished by: (Signature) CR	Received by (Signature/Affiliation) Mankell EC	Date 3/8/22	Time 1900
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

4.5'/4.0' #SC11

06/02/14 Revision

87328

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CHAIN OF CUSTODY RECORD

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WO # / LAB USE ONLY

DATE: 3/8/2022
PAGE: 2 OF 3

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 5333 Mission Center Rd Suite 300
CITY: San Diego STATE: CA ZIP: 92108
TEL: 619-888-0668 E-MAIL: bscott@haleyaldrich com

CLIENT PROJECT NAME / NUMBER: Rohr Chula Vista - Parcel A
P O NO: Blanket Service Agreement No 0127827-043
PROJECT CONTACT: B Scott
SAMPLER(S) (PRINT): KN

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD')
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS x STANDARD

x COELT EDF | GLOBAL ID: T10000011095 | LOG CODE: HAIS

SPECIAL INSTRUCTIONS
EPA 8260B/5030 C

ECI Project#57010429 produce EQuIS EDDs, report J flags

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	VOC's	FIELD POINT ID
10	DGA-007-1	3/8/22	1451	Soil	1	X			X	DGA-007
11	DGA-007-5	3/8/22	1452	Soil	1	X			X	DGA-007
12	DGA-007-9.5	3/8/22	1454	Soil	1	X			X	DGA-007
13	DGA-008-1	3/8/22	1122	Soil	1	X			X	DGA-008
14	DGA-008-5	3/8/22	1124	Soil	1	X			X	DGA-008
15	DGA-008-9.5	3/8/22	1126	Soil	1	X			X	DGA-008
16	DGA-003-1	3/8/22	1226	Soil	1	X			X	DGA-003
17	DGA-003-5	3/8/22	1228	Soil	1	X			X	DGA-003
18	DGA-003-10	3/8/22	1230	Soil	1	X			X	DGA-003

Relinquished by: (Signature)	Received by: (Signature/Affiliation) William Rivera	Date 3/8/22	Time 1640
Relinquished by: (Signature)	Received by (Signature/Affiliation) Manpal EC	Date 3/8/22	Time 1900
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

06/02/14 Revision

3/24/2022

87328

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE: 3/8/2022

PAGE: 3 OF 3

LABORATORY CLIENT: Haley & Aldrich	CLIENT PROJECT NAME / NUMBER: Rohr Chula Vista - Parcel A
ADDRESS: 5333 Mission Center Rd Suite 300	P O. NO / Blanket Service Agreement No: 0127827-043
CITY: San Diego STATE: CA ZIP: 92108	PROJECT CONTACT: B Scott
TEL.: 619-888-0668 E MAIL.: bscott@haleyaldrich com	SAMPLER(S) (PRINT): KN

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS x STANDARD

x COELT EDF | GLOBAL ID: T10000011095 | LOG CODE: HAIS

SPECIAL INSTRUCTIONS.

ECI Project#57010429 produce EQuIS EDDs, report J flags

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT.	Unpreserved	Preserved	Field Filtered	VOCs	T-22 Methyl.	FIELD POINT ID
01	NCB-021-B-05	3/8/22	11:50	Soil	2	X			X	X	

Relinquished by: (Signature)	Received by: (Signature/Affiliation) William Rivera	Date: 3/8/22	Time: 1840
Relinquished by: (Signature) WR	Received by: (Signature/Affiliation) Maribel EC	Date: 3/8/22	Time: 1900
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

06/02/14 Revision

3/24/2022

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-87328-1

Login Number: 87328
List Number: 1
Creator: Cortez Diaz, Antonio

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	IDs on containers do not match the COC. Logged in per COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-87413-1
Client Project/Site: Rohr Chula Vista - Parcel A

For:
Haley & Aldrich, Inc.
5333 Mission Center Road
Suite 300
San Diego, California 92108

Attn: Bob Scott

Authorized for release by:
3/22/2022 5:52:36 PM
Don Burley, Senior Project Manager
(657)212-3033
Donald.Burley@eurofinset.com

Designee for

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@eurofinset.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-87413-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-87413-1

Comments
No additional comments.

Receipt
The samples were received on 3/9/2022 6:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2º C.

Receipt Exception
A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

The client was contacted with the above sample receipt anomaly. The laboratory was provided written direction on how to proceed; please refer to the COC section of the report for further details.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 570-219962 and analytical batch 570-219837 were outside control limits: (570-87413-A-15-C MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260B: Internal standard (ISTD) response for TBA-d9 for the following sample in analytical batch 570-219837 was outside acceptance criteria: DGA-013-10 (570-87413-3). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-219929 and analytical batch 570-219835 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) recoveries and precision were within acceptance limits.

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 570-219929 and analytical batch 570-219835 recovered outside control limits for Acetone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 570-220192 and analytical batch 570-220282 was outside control limits. Sample matrix interference is suspected.

Method 8260B: Sample dilution was required prior to analysis due to matrix interferences from sediment that precludes analysis by purge and trap for samples DGA-012-20-GW (570-87413-10) and DGA-020-20-GW (570-87413-24). The reporting limits (RLs) have been adjusted proportionately.

Method 8260B: The continuing calibration verification (CCV) associated with batch 570-221166 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 570-221166 recovered outside control limits for Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Client Sample ID: DGA-013-1 — Lab Sample ID: 570-87413-1

No Detections.

Client Sample ID: DGA-013-5 — Lab Sample ID: 570-87413-2

No Detections.

Client Sample ID: DGA-013-10 — Lab Sample ID: 570-87413-3

No Detections.

Client Sample ID: DGA-015-1 — Lab Sample ID: 570-87413-4

No Detections.

Client Sample ID: DGA-015-5 — Lab Sample ID: 570-87413-5

No Detections.

Client Sample ID: DGA-015-10 — Lab Sample ID: 570-87413-6

No Detections.

Client Sample ID: DGA-014-3.5 — Lab Sample ID: 570-87413-7

No Detections.

Client Sample ID: DGA-014-5 — Lab Sample ID: 570-87413-8

No Detections.

Client Sample ID: DGA-014-10 — Lab Sample ID: 570-87413-9

No Detections.

Client Sample ID: DGA-012-20-GW — Lab Sample ID: 570-87413-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.7		2.0		ug/L	2		8260B	Total/NA

Client Sample ID: DGA-016-1 — Lab Sample ID: 570-87413-11

No Detections.

Client Sample ID: DGA-016-5 — Lab Sample ID: 570-87413-12

No Detections.

Client Sample ID: DGA-016-10 — Lab Sample ID: 570-87413-13

No Detections.

Client Sample ID: DGA-019-1 — Lab Sample ID: 570-87413-14

No Detections.

Client Sample ID: DGA-019-6.5 — Lab Sample ID: 570-87413-15

No Detections.

Client Sample ID: DGA-019-10 — Lab Sample ID: 570-87413-16

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Client Sample ID: DGA-017-1 — Lab Sample ID: 570-87413-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		20		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-017-5 — Lab Sample ID: 570-87413-18

No Detections.

Client Sample ID: DGA-017-10 — Lab Sample ID: 570-87413-19

No Detections.

Client Sample ID: DGA-018-20-GW — Lab Sample ID: 570-87413-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	7.5		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: DGA-021-1 — Lab Sample ID: 570-87413-21

No Detections.

Client Sample ID: DGA-021-5 — Lab Sample ID: 570-87413-22

No Detections.

Client Sample ID: DGA-021-10 — Lab Sample ID: 570-87413-23

No Detections.

Client Sample ID: DGA-020-20-GW — Lab Sample ID: 570-87413-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	7.2		2.0		ug/L	2		8260B	Total/NA

Client Sample ID: DGA-022-1 — Lab Sample ID: 570-87413-25

No Detections.

Client Sample ID: DGA-022-5 — Lab Sample ID: 570-87413-26

No Detections.

Client Sample ID: DGA-022-10 — Lab Sample ID: 570-87413-27

No Detections.

Client Sample ID: Trip Blank — Lab Sample ID: 570-87413-28

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-013-1
Date Collected: 03/09/22 08:50
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Benzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Bromobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Bromodichloromethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Bromoform	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Carbon disulfide	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Chlorobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Chloroform	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Dibromomethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Ethylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Isopropylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Methylene Chloride	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-013-1
Date Collected: 03/09/22 08:50
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
n-Butylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
o-Xylene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Styrene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Tetrachloroethene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Toluene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Vinyl acetate	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 15:26	1
Vinyl chloride	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 141*	*03/16/22 11:58*	*03/16/22 15:26*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*03/16/22 11:58*	*03/16/22 15:26*	*1*
Dibromofluoromethane (Surr)	*102*		*47 - 142*	*03/16/22 11:58*	*03/16/22 15:26*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*03/16/22 11:58*	*03/16/22 15:26*	*1*

Client Sample ID: DGA-013-5
Date Collected: 03/09/22 08:52
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 15:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-013-5
Date Collected: 03/09/22 08:52
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Benzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Bromobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Bromodichloromethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Bromoform	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Carbon disulfide	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Chlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Chloroform	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Dibromomethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Ethylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Isopropylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Methylene Chloride	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Naphthalene	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
n-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
o-Xylene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Styrene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Tetrachloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Toluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Vinyl acetate	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 15:46	1
Vinyl chloride	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 141*	*03/16/22 11:58*	*03/16/22 15:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*03/16/22 11:58*	*03/16/22 15:46*	*1*
Dibromofluoromethane (Surr)	*102*		*47 - 142*	*03/16/22 11:58*	*03/16/22 15:46*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*03/16/22 11:58*	*03/16/22 15:46*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-013-10
Date Collected: 03/09/22 08:54
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Benzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Bromobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Bromodichloromethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Bromoform	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Carbon disulfide	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Chlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Chloroform	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Dibromomethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Ethylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Isopropylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Methylene Chloride	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-013-10
Date Collected: 03/09/22 08:54
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
n-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
o-Xylene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Styrene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Tetrachloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Toluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Vinyl acetate	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 16:08	1
Vinyl chloride	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 141*	*03/16/22 11:58*	*03/16/22 16:08*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*03/16/22 11:58*	*03/16/22 16:08*	*1*
Dibromofluoromethane (Surr)	*108*		*47 - 142*	*03/16/22 11:58*	*03/16/22 16:08*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*03/16/22 11:58*	*03/16/22 16:08*	*1*

Client Sample ID: DGA-015-1
Date Collected: 03/09/22 09:15
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-015-1
Date Collected: 03/09/22 09:15
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Benzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Bromobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Bromodichloromethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Bromoform	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Carbon disulfide	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Chlorobenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Chloroform	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Dibromomethane	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Ethylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Isopropylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Methylene Chloride	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Naphthalene	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
n-Butylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
o-Xylene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Styrene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Tetrachloroethene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Toluene	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Vinyl acetate	ND		9.9		ug/Kg		03/16/22 11:58	03/16/22 16:28	1
Vinyl chloride	ND		0.99		ug/Kg		03/16/22 11:58	03/16/22 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*	*03/16/22 11:58*	*03/16/22 16:28*	*1*
4-Bromofluorobenzene (Surr)	*97*		*76 - 120*	*03/16/22 11:58*	*03/16/22 16:28*	*1*
Dibromofluoromethane (Surr)	*102*		*47 - 142*	*03/16/22 11:58*	*03/16/22 16:28*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*03/16/22 11:58*	*03/16/22 16:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-015-5
Date Collected: 03/09/22 09:17
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Benzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Bromoform	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Chloroform	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-015-5
Date Collected: 03/09/22 09:17
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Styrene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Toluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 11:58	03/16/22 16:49	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 141*	*03/16/22 11:58*	*03/16/22 16:49*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 120*	*03/16/22 11:58*	*03/16/22 16:49*	*1*
Dibromofluoromethane (Surr)	*106*		*47 - 142*	*03/16/22 11:58*	*03/16/22 16:49*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*03/16/22 11:58*	*03/16/22 16:49*	*1*

Client Sample ID: DGA-015-10
Date Collected: 03/09/22 09:19
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 17:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-015-10
Date Collected: 03/09/22 09:19
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Benzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Bromobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Bromodichloromethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Bromoform	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Carbon disulfide	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Chlorobenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Chloroform	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Dibromomethane	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Ethylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Isopropylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Methylene Chloride	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Naphthalene	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
n-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
o-Xylene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Styrene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Tetrachloroethene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Toluene	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Vinyl acetate	ND		9.8		ug/Kg		03/16/22 11:58	03/16/22 17:10	1
Vinyl chloride	ND		0.98		ug/Kg		03/16/22 11:58	03/16/22 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 141*	*03/16/22 11:58*	*03/16/22 17:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*	*03/16/22 11:58*	*03/16/22 17:10*	*1*
Dibromofluoromethane (Surr)	*103*		*47 - 142*	*03/16/22 11:58*	*03/16/22 17:10*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*03/16/22 11:58*	*03/16/22 17:10*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-014-3.5
Date Collected: 03/09/22 09:53
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,1,1-Trichloroethane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,1,2-Trichloroethane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,1-Dichloroethane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,1-Dichloroethene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,1-Dichloropropene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2-Dibromoethane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2-Dichlorobenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2-Dichloroethane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,2-Dichloropropane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,3-Dichlorobenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,3-Dichloropropane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
1,4-Dichlorobenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
2-Butanone	ND		19		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
2-Chlorotoluene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
2-Hexanone	ND		19		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
4-Chlorotoluene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
4-Methyl-2-pentanone	ND		19		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Acetone	ND		19		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Benzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Bromobenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Bromochloromethane	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Bromodichloromethane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Bromoform	ND		4.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Bromomethane	ND		19		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
cis-1,2-Dichloroethene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
cis-1,3-Dichloropropene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Carbon disulfide	ND		9.7		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Carbon tetrachloride	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Chlorobenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Chloroethane	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Chloroform	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Chloromethane	ND		19		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Dibromochloromethane	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Dibromomethane	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Ethylbenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Isopropylbenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Methylene Chloride	ND		9.7		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-014-3.5
Date Collected: 03/09/22 09:53
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.7		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
n-Butylbenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
N-Propylbenzene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
o-Xylene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
m,p-Xylene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
p-Isopropyltoluene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
sec-Butylbenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Styrene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
trans-1,2-Dichloroethene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
tert-Butylbenzene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Tetrachloroethene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Toluene	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Trichloroethene	ND		1.9		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Trichlorofluoromethane	ND		9.7		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Vinyl acetate	ND		9.7		ug/Kg		03/16/22 11:58	03/16/22 17:30	1
Vinyl chloride	ND		0.97		ug/Kg		03/16/22 11:58	03/16/22 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 141*	*03/16/22 11:58*	*03/16/22 17:30*	*1*
4-Bromofluorobenzene (Surr)	*97*		*76 - 120*	*03/16/22 11:58*	*03/16/22 17:30*	*1*
Dibromofluoromethane (Surr)	*105*		*47 - 142*	*03/16/22 11:58*	*03/16/22 17:30*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*03/16/22 11:58*	*03/16/22 17:30*	*1*

Client Sample ID: DGA-014-5
Date Collected: 03/09/22 09:55
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-014-5
Date Collected: 03/09/22 09:55
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Benzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Bromoform	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Chloroform	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Naphthalene	ND		10		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Styrene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Toluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 11:58	03/16/22 17:51	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 141*	*03/16/22 11:58*	*03/16/22 17:51*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*03/16/22 11:58*	*03/16/22 17:51*	*1*
Dibromofluoromethane (Surr)	*106*		*47 - 142*	*03/16/22 11:58*	*03/16/22 17:51*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*03/16/22 11:58*	*03/16/22 17:51*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-014-10
Date Collected: 03/09/22 09:57
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Benzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Bromoform	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Chloroform	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-014-10
Date Collected: 03/09/22 09:57
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Styrene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Toluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 11:58	03/16/22 18:12	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 141*	*03/16/22 11:58*	*03/16/22 18:12*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*03/16/22 11:58*	*03/16/22 18:12*	*1*
Dibromofluoromethane (Surr)	*105*		*47 - 142*	*03/16/22 11:58*	*03/16/22 18:12*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*03/16/22 11:58*	*03/16/22 18:12*	*1*

Client Sample ID: DGA-012-20-GW
Date Collected: 03/09/22 10:59
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.0		ug/L			03/21/22 23:11	2
1,1,1-Trichloroethane	ND		2.0		ug/L			03/21/22 23:11	2
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			03/21/22 23:11	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20		ug/L			03/21/22 23:11	2
1,1,2-Trichloroethane	ND		2.0		ug/L			03/21/22 23:11	2
1,1-Dichloroethane	ND		2.0		ug/L			03/21/22 23:11	2
1,1-Dichloroethene	ND		2.0		ug/L			03/21/22 23:11	2
1,1-Dichloropropene	ND		2.0		ug/L			03/21/22 23:11	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			03/21/22 23:11	2
1,2,3-Trichloropropane	ND		10		ug/L			03/21/22 23:11	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			03/21/22 23:11	2
1,2,4-Trimethylbenzene	ND		2.0		ug/L			03/21/22 23:11	2
1,2-Dibromo-3-Chloropropane	ND		20		ug/L			03/21/22 23:11	2
1,2-Dibromoethane	ND		2.0		ug/L			03/21/22 23:11	2
1,2-Dichlorobenzene	ND		2.0		ug/L			03/21/22 23:11	2
1,2-Dichloroethane	ND		1.0		ug/L			03/21/22 23:11	2
1,2-Dichloropropane	ND		2.0		ug/L			03/21/22 23:11	2
1,3,5-Trimethylbenzene	ND		2.0		ug/L			03/21/22 23:11	2
1,3-Dichlorobenzene	ND		2.0		ug/L			03/21/22 23:11	2
1,3-Dichloropropane	ND		2.0		ug/L			03/21/22 23:11	2
1,4-Dichlorobenzene	ND		2.0		ug/L			03/21/22 23:11	2
2,2-Dichloropropane	ND		2.0		ug/L			03/21/22 23:11	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-012-20-GW
Date Collected: 03/09/22 10:59
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		40		ug/L			03/21/22 23:11	2
2-Chlorotoluene	ND		2.0		ug/L			03/21/22 23:11	2
2-Hexanone	ND		20		ug/L			03/21/22 23:11	2
4-Chlorotoluene	ND		2.0		ug/L			03/21/22 23:11	2
4-Methyl-2-pentanone	ND		20		ug/L			03/21/22 23:11	2
Acetone	ND		40		ug/L			03/21/22 23:11	2
Benzene	ND		1.0		ug/L			03/21/22 23:11	2
Bromobenzene	ND		2.0		ug/L			03/21/22 23:11	2
Bromochloromethane	ND		4.0		ug/L			03/21/22 23:11	2
Bromodichloromethane	ND		2.0		ug/L			03/21/22 23:11	2
Bromoform	ND	*+	10		ug/L			03/21/22 23:11	2
Bromomethane	ND		50		ug/L			03/21/22 23:11	2
cis-1,2-Dichloroethene	ND		2.0		ug/L			03/21/22 23:11	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			03/21/22 23:11	2
Carbon disulfide	ND		20		ug/L			03/21/22 23:11	2
Carbon tetrachloride	ND		1.0		ug/L			03/21/22 23:11	2
Chlorobenzene	ND		2.0		ug/L			03/21/22 23:11	2
Chloroethane	ND		10		ug/L			03/21/22 23:11	2
Chloroform	ND		2.0		ug/L			03/21/22 23:11	2
Chloromethane	ND		20		ug/L			03/21/22 23:11	2
Dibromochloromethane	ND		4.0		ug/L			03/21/22 23:11	2
Dibromomethane	ND		2.0		ug/L			03/21/22 23:11	2
Dichlorodifluoromethane	ND	*+	10		ug/L			03/21/22 23:11	2
Ethylbenzene	ND		2.0		ug/L			03/21/22 23:11	2
Isopropylbenzene	ND		2.0		ug/L			03/21/22 23:11	2
Methylene Chloride	ND		20		ug/L			03/21/22 23:11	2
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/L			03/21/22 23:11	2
Naphthalene	ND		20		ug/L			03/21/22 23:11	2
n-Butylbenzene	ND		2.0		ug/L			03/21/22 23:11	2
N-Propylbenzene	ND		2.0		ug/L			03/21/22 23:11	2
o-Xylene	ND		2.0		ug/L			03/21/22 23:11	2
m,p-Xylene	ND		4.0		ug/L			03/21/22 23:11	2
p-Isopropyltoluene	ND		2.0		ug/L			03/21/22 23:11	2
sec-Butylbenzene	ND		2.0		ug/L			03/21/22 23:11	2
Styrene	ND		2.0		ug/L			03/21/22 23:11	2
trans-1,2-Dichloroethene	ND		2.0		ug/L			03/21/22 23:11	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			03/21/22 23:11	2
tert-Butylbenzene	ND		2.0		ug/L			03/21/22 23:11	2
Tetrachloroethene	ND		2.0		ug/L			03/21/22 23:11	2
Toluene	ND		2.0		ug/L			03/21/22 23:11	2
Trichloroethene	**4.7**		2.0		ug/L			03/21/22 23:11	2
Trichlorofluoromethane	ND		20		ug/L			03/21/22 23:11	2
Vinyl acetate	ND		20		ug/L			03/21/22 23:11	2
Vinyl chloride	ND		1.0		ug/L			03/21/22 23:11	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*		*03/21/22 23:11*	*2*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/21/22 23:11*	*2*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*03/21/22 23:11*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/21/22 23:11*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-016-1
Date Collected: 03/09/22 11:28
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
2-Butanone	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
2-Hexanone	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Acetone	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Benzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Bromobenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Bromochloromethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Bromodichloromethane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Bromoform	ND		4.9		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Bromomethane	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Carbon disulfide	ND		9.8		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Chlorobenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Chloroethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Chloroform	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Chloromethane	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Dibromochloromethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Dibromomethane	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Ethylbenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Isopropylbenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Methylene Chloride	ND		9.8		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-016-1
Date Collected: 03/09/22 11:28
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
n-Butylbenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
N-Propylbenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
o-Xylene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
m,p-Xylene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Styrene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Tetrachloroethene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Toluene	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Trichloroethene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Vinyl acetate	ND		9.8		ug/Kg		03/17/22 08:46	03/17/22 13:56	1
Vinyl chloride	ND		0.98		ug/Kg		03/17/22 08:46	03/17/22 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 141*	*03/17/22 08:46*	*03/17/22 13:56*	*1*
4-Bromofluorobenzene (Surr)	*100*		*76 - 120*	*03/17/22 08:46*	*03/17/22 13:56*	*1*
Dibromofluoromethane (Surr)	*89*		*47 - 142*	*03/17/22 08:46*	*03/17/22 13:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*03/17/22 08:46*	*03/17/22 13:56*	*1*

Client Sample ID: DGA-016-5
Date Collected: 03/09/22 11:30
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-016-5
Date Collected: 03/09/22 11:30
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Benzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Bromobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Bromodichloromethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Carbon disulfide	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Chlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Chloroform	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Dibromomethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Ethylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Isopropylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Methylene Chloride	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Naphthalene	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
n-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
o-Xylene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Styrene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Tetrachloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Toluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Vinyl acetate	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 15:32	1
Vinyl chloride	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 141*	*03/16/22 10:18*	*03/16/22 15:32*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/16/22 10:18*	*03/16/22 15:32*	*1*
Dibromofluoromethane (Surr)	*95*		*47 - 142*	*03/16/22 10:18*	*03/16/22 15:32*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/16/22 10:18*	*03/16/22 15:32*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-016-10
Date Collected: 03/09/22 11:32
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Benzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Chloroform	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-016-10
Date Collected: 03/09/22 11:32
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Styrene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Toluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 10:18	03/16/22 15:58	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 141*	*03/16/22 10:18*	*03/16/22 15:58*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/16/22 10:18*	*03/16/22 15:58*	*1*
Dibromofluoromethane (Surr)	*94*		*47 - 142*	*03/16/22 10:18*	*03/16/22 15:58*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*03/16/22 10:18*	*03/16/22 15:58*	*1*

Client Sample ID: DGA-019-1
Date Collected: 03/09/22 11:51
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 10:18	03/16/22 16:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-019-1
Date Collected: 03/09/22 11:51
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Benzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Bromobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Bromodichloromethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Bromoform	ND		4.9		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Carbon disulfide	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Chlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Chloroform	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Dibromomethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Ethylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Isopropylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Methylene Chloride	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Naphthalene	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
n-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
o-Xylene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Styrene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Tetrachloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Toluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Vinyl acetate	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 16:23	1
Vinyl chloride	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 141*	*03/16/22 10:18*	*03/16/22 16:23*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/16/22 10:18*	*03/16/22 16:23*	*1*
Dibromofluoromethane (Surr)	*95*		*47 - 142*	*03/16/22 10:18*	*03/16/22 16:23*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*03/16/22 10:18*	*03/16/22 16:23*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-019-6.5
Date Collected: 03/09/22 11:53
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,3,5-Trimethylbenzene	ND	F1	2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,3-Dichlorobenzene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
2-Butanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
2-Chlorotoluene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
2-Hexanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Acetone	ND		20		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Benzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Bromobenzene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Bromoform	ND		5.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Bromomethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Chlorobenzene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Chloroform	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Chloromethane	ND		20		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Ethylbenzene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Isopropylbenzene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-019-6.5
Date Collected: 03/09/22 11:53
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
N-Propylbenzene	ND	F1	2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
m,p-Xylene	ND	F1	2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
p-Isopropyltoluene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
sec-Butylbenzene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Styrene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
tert-Butylbenzene	ND	F1	1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Toluene	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 11:58	03/16/22 14:03	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 11:58	03/16/22 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 141*	*03/16/22 11:58*	*03/16/22 14:03*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*03/16/22 11:58*	*03/16/22 14:03*	*1*
Dibromofluoromethane (Surr)	*103*		*47 - 142*	*03/16/22 11:58*	*03/16/22 14:03*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*03/16/22 11:58*	*03/16/22 14:03*	*1*

Client Sample ID: DGA-019-10
Date Collected: 03/09/22 11:55
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-019-10
Date Collected: 03/09/22 11:55
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Benzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Chloroform	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Naphthalene	ND		10		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Styrene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Toluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 10:18	03/16/22 16:49	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 141*	*03/16/22 10:18*	*03/16/22 16:49*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/16/22 10:18*	*03/16/22 16:49*	*1*
Dibromofluoromethane (Surr)	*96*		*47 - 142*	*03/16/22 10:18*	*03/16/22 16:49*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/16/22 10:18*	*03/16/22 16:49*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-017-1
Date Collected: 03/09/22 12:16
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Acetone	**22**		20		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Benzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Chloroform	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-017-1
Date Collected: 03/09/22 12:16
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Styrene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Toluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 10:18	03/16/22 17:15	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 141*	*03/16/22 10:18*	*03/16/22 17:15*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/16/22 10:18*	*03/16/22 17:15*	*1*
Dibromofluoromethane (Surr)	*95*		*47 - 142*	*03/16/22 10:18*	*03/16/22 17:15*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*03/16/22 10:18*	*03/16/22 17:15*	*1*

Client Sample ID: DGA-017-5
Date Collected: 03/09/22 12:18
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-017-5
Date Collected: 03/09/22 12:18
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Benzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Bromobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Bromodichloromethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Carbon disulfide	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Chlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Chloroform	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Dibromomethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Ethylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Isopropylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Methylene Chloride	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Naphthalene	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
n-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
o-Xylene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Styrene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Tetrachloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Toluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Vinyl acetate	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 17:41	1
Vinyl chloride	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 141*	*03/16/22 10:18*	*03/16/22 17:41*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/16/22 10:18*	*03/16/22 17:41*	*1*
Dibromofluoromethane (Surr)	*94*		*47 - 142*	*03/16/22 10:18*	*03/16/22 17:41*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*03/16/22 10:18*	*03/16/22 17:41*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-017-10
Date Collected: 03/09/22 12:20
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Benzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Bromobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Bromodichloromethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Bromoform	ND		4.9		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Carbon disulfide	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Chlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Chloroform	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Dibromomethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Ethylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Isopropylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Methylene Chloride	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-017-10
Date Collected: 03/09/22 12:20
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
n-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
o-Xylene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Styrene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Tetrachloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Toluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Vinyl acetate	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:06	1
Vinyl chloride	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 141*	*03/16/22 10:18*	*03/16/22 18:06*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 120*	*03/16/22 10:18*	*03/16/22 18:06*	*1*
Dibromofluoromethane (Surr)	*94*		*47 - 142*	*03/16/22 10:18*	*03/16/22 18:06*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*03/16/22 10:18*	*03/16/22 18:06*	*1*

Client Sample ID: DGA-018-20-GW
Date Collected: 03/09/22 13:33
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-20
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			03/22/22 00:01	1
1,1,1-Trichloroethane	ND		1.0		ug/L			03/22/22 00:01	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			03/22/22 00:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/L			03/22/22 00:01	1
1,1,2-Trichloroethane	ND		1.0		ug/L			03/22/22 00:01	1
1,1-Dichloroethane	ND		1.0		ug/L			03/22/22 00:01	1
1,1-Dichloroethene	ND		1.0		ug/L			03/22/22 00:01	1
1,1-Dichloropropene	ND		1.0		ug/L			03/22/22 00:01	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			03/22/22 00:01	1
1,2,3-Trichloropropane	ND		5.0		ug/L			03/22/22 00:01	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			03/22/22 00:01	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			03/22/22 00:01	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/22/22 00:01	1
1,2-Dibromoethane	ND		1.0		ug/L			03/22/22 00:01	1
1,2-Dichlorobenzene	ND		1.0		ug/L			03/22/22 00:01	1
1,2-Dichloroethane	ND		0.50		ug/L			03/22/22 00:01	1
1,2-Dichloropropane	ND		1.0		ug/L			03/22/22 00:01	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			03/22/22 00:01	1
1,3-Dichlorobenzene	ND		1.0		ug/L			03/22/22 00:01	1
1,3-Dichloropropane	ND		1.0		ug/L			03/22/22 00:01	1
1,4-Dichlorobenzene	ND		1.0		ug/L			03/22/22 00:01	1
2,2-Dichloropropane	ND		1.0		ug/L			03/22/22 00:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-018-20-GW
Date Collected: 03/09/22 13:33
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-20
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/L			03/22/22 00:01	1
2-Chlorotoluene	ND		1.0		ug/L			03/22/22 00:01	1
2-Hexanone	ND		10		ug/L			03/22/22 00:01	1
4-Chlorotoluene	ND		1.0		ug/L			03/22/22 00:01	1
4-Methyl-2-pentanone	ND		10		ug/L			03/22/22 00:01	1
Acetone	ND		20		ug/L			03/22/22 00:01	1
Benzene	ND		0.50		ug/L			03/22/22 00:01	1
Bromobenzene	ND		1.0		ug/L			03/22/22 00:01	1
Bromochloromethane	ND		2.0		ug/L			03/22/22 00:01	1
Bromodichloromethane	ND		1.0		ug/L			03/22/22 00:01	1
Bromoform	ND	*+	5.0		ug/L			03/22/22 00:01	1
Bromomethane	ND		25		ug/L			03/22/22 00:01	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			03/22/22 00:01	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/22/22 00:01	1
Carbon disulfide	ND		10		ug/L			03/22/22 00:01	1
Carbon tetrachloride	ND		0.50		ug/L			03/22/22 00:01	1
Chlorobenzene	ND		1.0		ug/L			03/22/22 00:01	1
Chloroethane	ND		5.0		ug/L			03/22/22 00:01	1
Chloroform	ND		1.0		ug/L			03/22/22 00:01	1
Chloromethane	ND		10		ug/L			03/22/22 00:01	1
Dibromochloromethane	ND		2.0		ug/L			03/22/22 00:01	1
Dibromomethane	ND		1.0		ug/L			03/22/22 00:01	1
Dichlorodifluoromethane	ND	*+	5.0		ug/L			03/22/22 00:01	1
Ethylbenzene	ND		1.0		ug/L			03/22/22 00:01	1
Isopropylbenzene	ND		1.0		ug/L			03/22/22 00:01	1
Methylene Chloride	ND		10		ug/L			03/22/22 00:01	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			03/22/22 00:01	1
Naphthalene	ND		10		ug/L			03/22/22 00:01	1
n-Butylbenzene	ND		1.0		ug/L			03/22/22 00:01	1
N-Propylbenzene	ND		1.0		ug/L			03/22/22 00:01	1
o-Xylene	ND		1.0		ug/L			03/22/22 00:01	1
m,p-Xylene	ND		2.0		ug/L			03/22/22 00:01	1
p-Isopropyltoluene	ND		1.0		ug/L			03/22/22 00:01	1
sec-Butylbenzene	ND		1.0		ug/L			03/22/22 00:01	1
Styrene	ND		1.0		ug/L			03/22/22 00:01	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			03/22/22 00:01	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/22/22 00:01	1
tert-Butylbenzene	ND		1.0		ug/L			03/22/22 00:01	1
Tetrachloroethene	ND		1.0		ug/L			03/22/22 00:01	1
Toluene	ND		1.0		ug/L			03/22/22 00:01	1
Trichloroethene	**7.5**		1.0		ug/L			03/22/22 00:01	1
Trichlorofluoromethane	ND		10		ug/L			03/22/22 00:01	1
Vinyl acetate	ND		10		ug/L			03/22/22 00:01	1
Vinyl chloride	ND		0.50		ug/L			03/22/22 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*		*03/22/22 00:01*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/22 00:01*	*1*
Dibromofluoromethane (Surr)	*101*		*78 - 120*		*03/22/22 00:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/22/22 00:01*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-021-1
Date Collected: 03/09/22 14:13
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,1-Dichloropropene	ND	F2	2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Benzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Bromobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Bromodichloromethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Bromoform	ND		4.9		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
cis-1,2-Dichloroethene	ND	F2	0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Carbon disulfide	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Chlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Chloroform	ND	F2	0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Dibromomethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Ethylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Isopropylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Methylene Chloride	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Methyl-t-Butyl Ether (MTBE)	ND	F2	2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-021-1
Date Collected: 03/09/22 14:13
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
n-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
o-Xylene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Styrene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
trans-1,2-Dichloroethene	ND	F2	0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Tetrachloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Toluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Vinyl acetate	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 13:24	1
Vinyl chloride	ND	F1	0.98		ug/Kg		03/16/22 10:18	03/16/22 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*	*03/16/22 10:18*	*03/16/22 13:24*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/16/22 10:18*	*03/16/22 13:24*	*1*
Dibromofluoromethane (Surr)	*93*		*47 - 142*	*03/16/22 10:18*	*03/16/22 13:24*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/16/22 10:18*	*03/16/22 13:24*	*1*

Client Sample ID: DGA-021-5
Date Collected: 03/09/22 14:15
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-021-5
Date Collected: 03/09/22 14:15
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Benzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Bromobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Bromodichloromethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Carbon disulfide	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Chlorobenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Chloroform	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Dibromomethane	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Ethylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Isopropylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Methylene Chloride	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Naphthalene	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
n-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
o-Xylene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Styrene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Tetrachloroethene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Toluene	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Vinyl acetate	ND		9.9		ug/Kg		03/16/22 10:18	03/16/22 18:32	1
Vinyl chloride	ND		0.99		ug/Kg		03/16/22 10:18	03/16/22 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 141*	*03/16/22 10:18*	*03/16/22 18:32*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/16/22 10:18*	*03/16/22 18:32*	*1*
Dibromofluoromethane (Surr)	*94*		*47 - 142*	*03/16/22 10:18*	*03/16/22 18:32*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/16/22 10:18*	*03/16/22 18:32*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-021-10
Date Collected: 03/09/22 14:17
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Benzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Bromobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Bromodichloromethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Bromoform	ND		4.9		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Carbon disulfide	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Chlorobenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Chloroform	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Dibromomethane	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Ethylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Isopropylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Methylene Chloride	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-021-10
Date Collected: 03/09/22 14:17
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
n-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
o-Xylene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Styrene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Tetrachloroethene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Toluene	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Vinyl acetate	ND		9.8		ug/Kg		03/16/22 10:18	03/16/22 18:58	1
Vinyl chloride	ND		0.98		ug/Kg		03/16/22 10:18	03/16/22 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 141*	*03/16/22 10:18*	*03/16/22 18:58*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/16/22 10:18*	*03/16/22 18:58*	*1*
Dibromofluoromethane (Surr)	*93*		*47 - 142*	*03/16/22 10:18*	*03/16/22 18:58*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*03/16/22 10:18*	*03/16/22 18:58*	*1*

Client Sample ID: DGA-020-20-GW
Date Collected: 03/09/22 14:43
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-24
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.0		ug/L			03/21/22 23:36	2
1,1,1-Trichloroethane	ND		2.0		ug/L			03/21/22 23:36	2
1,1,2,2-Tetrachloroethane	ND		2.0		ug/L			03/21/22 23:36	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20		ug/L			03/21/22 23:36	2
1,1,2-Trichloroethane	ND		2.0		ug/L			03/21/22 23:36	2
1,1-Dichloroethane	ND		2.0		ug/L			03/21/22 23:36	2
1,1-Dichloroethene	ND		2.0		ug/L			03/21/22 23:36	2
1,1-Dichloropropene	ND		2.0		ug/L			03/21/22 23:36	2
1,2,3-Trichlorobenzene	ND		2.0		ug/L			03/21/22 23:36	2
1,2,3-Trichloropropane	ND		10		ug/L			03/21/22 23:36	2
1,2,4-Trichlorobenzene	ND		2.0		ug/L			03/21/22 23:36	2
1,2,4-Trimethylbenzene	ND		2.0		ug/L			03/21/22 23:36	2
1,2-Dibromo-3-Chloropropane	ND		20		ug/L			03/21/22 23:36	2
1,2-Dibromoethane	ND		2.0		ug/L			03/21/22 23:36	2
1,2-Dichlorobenzene	ND		2.0		ug/L			03/21/22 23:36	2
1,2-Dichloroethane	ND		1.0		ug/L			03/21/22 23:36	2
1,2-Dichloropropane	ND		2.0		ug/L			03/21/22 23:36	2
1,3,5-Trimethylbenzene	ND		2.0		ug/L			03/21/22 23:36	2
1,3-Dichlorobenzene	ND		2.0		ug/L			03/21/22 23:36	2
1,3-Dichloropropane	ND		2.0		ug/L			03/21/22 23:36	2
1,4-Dichlorobenzene	ND		2.0		ug/L			03/21/22 23:36	2
2,2-Dichloropropane	ND		2.0		ug/L			03/21/22 23:36	2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-020-20-GW
Date Collected: 03/09/22 14:43
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-24
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		40		ug/L			03/21/22 23:36	2
2-Chlorotoluene	ND		2.0		ug/L			03/21/22 23:36	2
2-Hexanone	ND		20		ug/L			03/21/22 23:36	2
4-Chlorotoluene	ND		2.0		ug/L			03/21/22 23:36	2
4-Methyl-2-pentanone	ND		20		ug/L			03/21/22 23:36	2
Acetone	ND		40		ug/L			03/21/22 23:36	2
Benzene	ND		1.0		ug/L			03/21/22 23:36	2
Bromobenzene	ND		2.0		ug/L			03/21/22 23:36	2
Bromochloromethane	ND		4.0		ug/L			03/21/22 23:36	2
Bromodichloromethane	ND		2.0		ug/L			03/21/22 23:36	2
Bromoform	ND	*+	10		ug/L			03/21/22 23:36	2
Bromomethane	ND		50		ug/L			03/21/22 23:36	2
cis-1,2-Dichloroethene	ND		2.0		ug/L			03/21/22 23:36	2
cis-1,3-Dichloropropene	ND		1.0		ug/L			03/21/22 23:36	2
Carbon disulfide	ND		20		ug/L			03/21/22 23:36	2
Carbon tetrachloride	ND		1.0		ug/L			03/21/22 23:36	2
Chlorobenzene	ND		2.0		ug/L			03/21/22 23:36	2
Chloroethane	ND		10		ug/L			03/21/22 23:36	2
Chloroform	ND		2.0		ug/L			03/21/22 23:36	2
Chloromethane	ND		20		ug/L			03/21/22 23:36	2
Dibromochloromethane	ND		4.0		ug/L			03/21/22 23:36	2
Dibromomethane	ND		2.0		ug/L			03/21/22 23:36	2
Dichlorodifluoromethane	ND	*+	10		ug/L			03/21/22 23:36	2
Ethylbenzene	ND		2.0		ug/L			03/21/22 23:36	2
Isopropylbenzene	ND		2.0		ug/L			03/21/22 23:36	2
Methylene Chloride	ND		20		ug/L			03/21/22 23:36	2
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/L			03/21/22 23:36	2
Naphthalene	ND		20		ug/L			03/21/22 23:36	2
n-Butylbenzene	ND		2.0		ug/L			03/21/22 23:36	2
N-Propylbenzene	ND		2.0		ug/L			03/21/22 23:36	2
o-Xylene	ND		2.0		ug/L			03/21/22 23:36	2
m,p-Xylene	ND		4.0		ug/L			03/21/22 23:36	2
p-Isopropyltoluene	ND		2.0		ug/L			03/21/22 23:36	2
sec-Butylbenzene	ND		2.0		ug/L			03/21/22 23:36	2
Styrene	ND		2.0		ug/L			03/21/22 23:36	2
trans-1,2-Dichloroethene	ND		2.0		ug/L			03/21/22 23:36	2
trans-1,3-Dichloropropene	ND		1.0		ug/L			03/21/22 23:36	2
tert-Butylbenzene	ND		2.0		ug/L			03/21/22 23:36	2
Tetrachloroethene	ND		2.0		ug/L			03/21/22 23:36	2
Toluene	ND		2.0		ug/L			03/21/22 23:36	2
Trichloroethene	**7.2**		2.0		ug/L			03/21/22 23:36	2
Trichlorofluoromethane	ND		20		ug/L			03/21/22 23:36	2
Vinyl acetate	ND		20		ug/L			03/21/22 23:36	2
Vinyl chloride	ND		1.0		ug/L			03/21/22 23:36	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*		*03/21/22 23:36*	*2*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/21/22 23:36*	*2*
Dibromofluoromethane (Surr)	*102*		*78 - 120*		*03/21/22 23:36*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/21/22 23:36*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-022-1
Date Collected: 03/09/22 15:40
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Benzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Chloroform	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-022-1
Date Collected: 03/09/22 15:40
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Styrene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Toluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:23	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 141*	*03/16/22 10:18*	*03/16/22 19:23*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 120*	*03/16/22 10:18*	*03/16/22 19:23*	*1*
Dibromofluoromethane (Surr)	*93*		*47 - 142*	*03/16/22 10:18*	*03/16/22 19:23*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/16/22 10:18*	*03/16/22 19:23*	*1*

Client Sample ID: DGA-022-5
Date Collected: 03/09/22 15:42
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-022-5
Date Collected: 03/09/22 15:42
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Benzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Chloroform	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Naphthalene	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Styrene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Toluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 10:18	03/16/22 19:49	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 141*	*03/16/22 10:18*	*03/16/22 19:49*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/16/22 10:18*	*03/16/22 19:49*	*1*
Dibromofluoromethane (Surr)	*93*		*47 - 142*	*03/16/22 10:18*	*03/16/22 19:49*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/16/22 10:18*	*03/16/22 19:49*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-022-10
Date Collected: 03/09/22 15:44
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Benzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Chloroform	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-022-10
Date Collected: 03/09/22 15:44
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Styrene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Toluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 10:18	03/16/22 20:14	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 141*	*03/16/22 10:18*	*03/16/22 20:14*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/16/22 10:18*	*03/16/22 20:14*	*1*
Dibromofluoromethane (Surr)	*94*		*47 - 142*	*03/16/22 10:18*	*03/16/22 20:14*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*03/16/22 10:18*	*03/16/22 20:14*	*1*

Client Sample ID: Trip Blank
Date Collected: 03/09/22 00:00
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			03/21/22 22:47	1
1,1,1-Trichloroethane	ND		1.0		ug/L			03/21/22 22:47	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			03/21/22 22:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/L			03/21/22 22:47	1
1,1,2-Trichloroethane	ND		1.0		ug/L			03/21/22 22:47	1
1,1-Dichloroethane	ND		1.0		ug/L			03/21/22 22:47	1
1,1-Dichloroethene	ND		1.0		ug/L			03/21/22 22:47	1
1,1-Dichloropropene	ND		1.0		ug/L			03/21/22 22:47	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			03/21/22 22:47	1
1,2,3-Trichloropropane	ND		5.0		ug/L			03/21/22 22:47	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			03/21/22 22:47	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			03/21/22 22:47	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/21/22 22:47	1
1,2-Dibromoethane	ND		1.0		ug/L			03/21/22 22:47	1
1,2-Dichlorobenzene	ND		1.0		ug/L			03/21/22 22:47	1
1,2-Dichloroethane	ND		0.50		ug/L			03/21/22 22:47	1
1,2-Dichloropropane	ND		1.0		ug/L			03/21/22 22:47	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			03/21/22 22:47	1
1,3-Dichlorobenzene	ND		1.0		ug/L			03/21/22 22:47	1
1,3-Dichloropropane	ND		1.0		ug/L			03/21/22 22:47	1
1,4-Dichlorobenzene	ND		1.0		ug/L			03/21/22 22:47	1
2,2-Dichloropropane	ND		1.0		ug/L			03/21/22 22:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: Trip Blank
Date Collected: 03/09/22 00:00
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-28
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/L			03/21/22 22:47	1
2-Chlorotoluene	ND		1.0		ug/L			03/21/22 22:47	1
2-Hexanone	ND		10		ug/L			03/21/22 22:47	1
4-Chlorotoluene	ND		1.0		ug/L			03/21/22 22:47	1
4-Methyl-2-pentanone	ND		10		ug/L			03/21/22 22:47	1
Acetone	ND		20		ug/L			03/21/22 22:47	1
Benzene	ND		0.50		ug/L			03/21/22 22:47	1
Bromobenzene	ND		1.0		ug/L			03/21/22 22:47	1
Bromochloromethane	ND		2.0		ug/L			03/21/22 22:47	1
Bromodichloromethane	ND		1.0		ug/L			03/21/22 22:47	1
Bromoform	ND	*+	5.0		ug/L			03/21/22 22:47	1
Bromomethane	ND		25		ug/L			03/21/22 22:47	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			03/21/22 22:47	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/21/22 22:47	1
Carbon disulfide	ND		10		ug/L			03/21/22 22:47	1
Carbon tetrachloride	ND		0.50		ug/L			03/21/22 22:47	1
Chlorobenzene	ND		1.0		ug/L			03/21/22 22:47	1
Chloroethane	ND		5.0		ug/L			03/21/22 22:47	1
Chloroform	ND		1.0		ug/L			03/21/22 22:47	1
Chloromethane	ND		10		ug/L			03/21/22 22:47	1
Dibromochloromethane	ND		2.0		ug/L			03/21/22 22:47	1
Dibromomethane	ND		1.0		ug/L			03/21/22 22:47	1
Dichlorodifluoromethane	ND	*+	5.0		ug/L			03/21/22 22:47	1
Ethylbenzene	ND		1.0		ug/L			03/21/22 22:47	1
Isopropylbenzene	ND		1.0		ug/L			03/21/22 22:47	1
Methylene Chloride	ND		10		ug/L			03/21/22 22:47	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			03/21/22 22:47	1
Naphthalene	ND		10		ug/L			03/21/22 22:47	1
n-Butylbenzene	ND		1.0		ug/L			03/21/22 22:47	1
N-Propylbenzene	ND		1.0		ug/L			03/21/22 22:47	1
o-Xylene	ND		1.0		ug/L			03/21/22 22:47	1
m,p-Xylene	ND		2.0		ug/L			03/21/22 22:47	1
p-Isopropyltoluene	ND		1.0		ug/L			03/21/22 22:47	1
sec-Butylbenzene	ND		1.0		ug/L			03/21/22 22:47	1
Styrene	ND		1.0		ug/L			03/21/22 22:47	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			03/21/22 22:47	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/21/22 22:47	1
tert-Butylbenzene	ND		1.0		ug/L			03/21/22 22:47	1
Tetrachloroethene	ND		1.0		ug/L			03/21/22 22:47	1
Toluene	ND		1.0		ug/L			03/21/22 22:47	1
Trichloroethene	ND		1.0		ug/L			03/21/22 22:47	1
Trichlorofluoromethane	ND		10		ug/L			03/21/22 22:47	1
Vinyl acetate	ND		10		ug/L			03/21/22 22:47	1
Vinyl chloride	ND		0.50		ug/L			03/21/22 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 123*		*03/21/22 22:47*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/21/22 22:47*	*1*
Dibromofluoromethane (Surr)	*100*		*78 - 120*		*03/21/22 22:47*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/21/22 22:47*	*1*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-141)	(76-120)	(47-142)	(80-120)
570-87413-1	DGA-013-1	99	99	102	98
570-87413-2	DGA-013-5	102	99	102	98
570-87413-3	DGA-013-10	107	99	108	101
570-87413-4	DGA-015-1	100	97	102	96
570-87413-5	DGA-015-5	108	100	106	98
570-87413-6	DGA-015-10	101	101	103	98
570-87413-7	DGA-014-3.5	102	97	105	99
570-87413-8	DGA-014-5	105	99	106	97
570-87413-9	DGA-014-10	104	99	105	97
570-87413-11	DGA-016-1	91	100	89	101
570-87413-12	DGA-016-5	104	107	95	106
570-87413-13	DGA-016-10	101	105	94	107
570-87413-14	DGA-019-1	102	105	95	107
570-87413-15	DGA-019-6.5	103	99	103	96
570-87413-15 MS	DGA-019-6.5	105	97	101	98
570-87413-15 MSD	DGA-019-6.5	106	96	100	98
570-87413-16	DGA-019-10	106	107	96	106
570-87413-17	DGA-017-1	103	106	95	108
570-87413-18	DGA-017-5	101	105	94	107
570-87413-19	DGA-017-10	104	104	94	107
570-87413-21	DGA-021-1	100	105	93	106
570-87413-21 MS	DGA-021-1	88	106	78	112
570-87413-21 MSD	DGA-021-1	100	102	95	103
570-87413-22	DGA-021-5	104	105	94	106
570-87413-23	DGA-021-10	102	105	93	107
570-87413-25	DGA-022-1	101	104	93	106
570-87413-26	DGA-022-5	102	106	93	106
570-87413-27	DGA-022-10	103	105	94	108
570-88311-A-1-E MS	Matrix Spike	94	95	89	98
570-88311-A-1-F MSD	Matrix Spike Duplicate	94	96	87	101
LCS 570-219929/1-A	Lab Control Sample	95	103	88	102
LCS 570-219962/1-A	Lab Control Sample	96	96	96	96
LCS 570-220192/4-A	Lab Control Sample	87	95	87	98
LCSD 570-219929/2-A	Lab Control Sample Dup	97	99	92	101
LCSD 570-219962/2-A	Lab Control Sample Dup	94	94	94	97
LCSD 570-220192/5-A	Lab Control Sample Dup	89	99	87	99
MB 570-219929/3-A	Method Blank	92	105	88	109
MB 570-219962/3-A	Method Blank	95	98	98	97
MB 570-220192/3-A	Method Blank	86	99	85	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-87413-1
Project/Site: Rohr Chula Vista - Parcel A

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-87413-10	DGA-012-20-GW	104	95	102	99
570-87413-20	DGA-018-20-GW	104	95	101	99
570-87413-24	DGA-020-20-GW	105	95	102	99
570-87413-28	Trip Blank	103	95	100	99
570-87521-A-1 MS	Matrix Spike	100	101	99	100
570-87521-A-1 MSD	Matrix Spike Duplicate	99	100	99	100
LCS 570-221166/4	Lab Control Sample	99	101	100	101
LCSD 570-221166/5	Lab Control Sample Dup	99	102	99	100
MB 570-221166/8	Method Blank	104	96	100	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-219929/3-A
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
2-Butanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
2-Hexanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Acetone	ND		20		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Benzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Bromoform	ND		5.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Bromomethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Chloroform	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Chloromethane	ND		20		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 10:18	03/16/22 12:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-219929/3-A
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219929

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Naphthalene	ND		10		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Styrene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Toluene	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 10:18	03/16/22 12:58	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 10:18	03/16/22 12:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 141*	*03/16/22 10:18*	*03/16/22 12:58*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/16/22 10:18*	*03/16/22 12:58*	*1*
Dibromofluoromethane (Surr)	*88*		*47 - 142*	*03/16/22 10:18*	*03/16/22 12:58*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*	*03/16/22 10:18*	*03/16/22 12:58*	*1*

Lab Sample ID: LCS 570-219929/1-A
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	47.25		ug/Kg		95	80 - 123
1,1,1-Trichloroethane	50.0	48.48		ug/Kg		97	80 - 121
1,1,2,2-Tetrachloroethane	50.0	46.20		ug/Kg		92	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.36		ug/Kg		91	79 - 120
1,1,2-Trichloroethane	50.0	44.02		ug/Kg		88	80 - 121
1,1-Dichloroethane	50.0	52.11		ug/Kg		104	80 - 120
1,1-Dichloroethene	50.0	53.63		ug/Kg		107	70 - 120
1,1-Dichloropropene	50.0	51.02		ug/Kg		102	77 - 123
1,2,3-Trichlorobenzene	50.0	63.10		ug/Kg		126	80 - 128
1,2,3-Trichloropropane	50.0	48.20		ug/Kg		96	80 - 120
1,2,4-Trichlorobenzene	50.0	61.65		ug/Kg		123	80 - 127
1,2,4-Trimethylbenzene	50.0	49.74		ug/Kg		99	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	46.23		ug/Kg		92	59 - 120
1,2-Dibromoethane	50.0	47.19		ug/Kg		94	80 - 120
1,2-Dichlorobenzene	50.0	50.46		ug/Kg		101	80 - 120
1,2-Dichloroethane	50.0	44.56		ug/Kg		89	80 - 120
1,2-Dichloropropane	50.0	53.10		ug/Kg		106	78 - 126
1,3,5-Trimethylbenzene	50.0	50.98		ug/Kg		102	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-219929/1-A
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219929

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	50.02		ug/Kg		100	80 - 120
1,3-Dichloropropane	50.0	46.17		ug/Kg		92	80 - 120
1,4-Dichlorobenzene	50.0	49.38		ug/Kg		99	80 - 120
2,2-Dichloropropane	50.0	48.20		ug/Kg		96	71 - 126
2-Butanone	50.0	56.27		ug/Kg		113	59 - 136
2-Chlorotoluene	50.0	49.52		ug/Kg		99	80 - 120
2-Hexanone	50.0	52.64		ug/Kg		105	45 - 137
4-Chlorotoluene	50.0	48.93		ug/Kg		98	80 - 120
4-Methyl-2-pentanone	50.0	56.36		ug/Kg		113	58 - 132
Acetone	50.0	62.45		ug/Kg		125	49 - 138
Benzene	50.0	48.96		ug/Kg		98	80 - 120
Bromobenzene	50.0	50.50		ug/Kg		101	80 - 120
Bromochloromethane	50.0	47.04		ug/Kg		94	80 - 122
Bromodichloromethane	50.0	48.01		ug/Kg		96	80 - 127
Bromoform	50.0	45.47		ug/Kg		91	73 - 125
Bromomethane	50.0	49.03		ug/Kg		98	53 - 180
cis-1,2-Dichloroethene	50.0	45.39		ug/Kg		91	80 - 121
cis-1,3-Dichloropropene	50.0	49.90		ug/Kg		100	80 - 122
Carbon disulfide	50.0	47.38		ug/Kg		95	76 - 120
Carbon tetrachloride	50.0	51.41		ug/Kg		103	80 - 125
Chlorobenzene	50.0	49.88		ug/Kg		100	80 - 120
Chloroethane	50.0	56.68		ug/Kg		113	74 - 132
Chloroform	50.0	43.56		ug/Kg		87	75 - 128
Chloromethane	50.0	57.00		ug/Kg		114	40 - 135
Dibromochloromethane	50.0	47.11		ug/Kg		94	80 - 123
Dibromomethane	50.0	45.03		ug/Kg		90	80 - 121
Dichlorodifluoromethane	50.0	38.73		ug/Kg		77	40 - 126
Ethylbenzene	50.0	49.37		ug/Kg		99	80 - 120
Isopropylbenzene	50.0	51.21		ug/Kg		102	80 - 120
Methylene Chloride	50.0	47.15		ug/Kg		94	76 - 121
Methyl-t-Butyl Ether (MTBE)	50.0	45.83		ug/Kg		92	73 - 137
Naphthalene	50.0	58.73		ug/Kg		117	73 - 122
n-Butylbenzene	50.0	52.63		ug/Kg		105	76 - 120
N-Propylbenzene	50.0	49.83		ug/Kg		100	80 - 120
o-Xylene	50.0	49.45		ug/Kg		99	80 - 120
m,p-Xylene	100	98.55		ug/Kg		99	80 - 120
p-Isopropyltoluene	50.0	51.80		ug/Kg		104	80 - 120
sec-Butylbenzene	50.0	51.11		ug/Kg		102	75 - 120
Styrene	50.0	48.77		ug/Kg		98	80 - 120
trans-1,2-Dichloroethene	50.0	43.36		ug/Kg		87	79 - 120
trans-1,3-Dichloropropene	50.0	45.81		ug/Kg		92	80 - 125
tert-Butylbenzene	50.0	50.52		ug/Kg		101	73 - 120
Tetrachloroethene	50.0	49.46		ug/Kg		99	69 - 124
Toluene	50.0	50.32		ug/Kg		101	80 - 120
Trichloroethene	50.0	49.70		ug/Kg		99	80 - 120
Trichlorofluoromethane	50.0	49.38		ug/Kg		99	52 - 161
Vinyl acetate	50.0	45.58		ug/Kg		91	71 - 133
Vinyl chloride	50.0	61.17		ug/Kg		122	77 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-219929/1-A
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219929

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		64 - 141
4-Bromofluorobenzene (Surr)	103		76 - 120
Dibromofluoromethane (Surr)	88		47 - 142
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 570-219929/2-A
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219929

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	50.22		ug/Kg		100	80 - 123	6	20
1,1,1-Trichloroethane			50.0	49.49		ug/Kg		99	80 - 121	2	20
1,1,2,2-Tetrachloroethane			50.0	48.72		ug/Kg		97	80 - 120	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	47.34		ug/Kg		95	79 - 120	4	20
1,1,2-Trichloroethane			50.0	47.80		ug/Kg		96	80 - 121	8	20
1,1-Dichloroethane			50.0	53.74		ug/Kg		107	80 - 120	3	20
1,1-Dichloroethene			50.0	54.10		ug/Kg		108	70 - 120	1	20
1,1-Dichloropropene			50.0	52.56		ug/Kg		105	77 - 123	3	20
1,2,3-Trichlorobenzene			50.0	62.46		ug/Kg		125	80 - 128	1	20
1,2,3-Trichloropropane			50.0	50.01		ug/Kg		100	80 - 120	4	20
1,2,4-Trichlorobenzene			50.0	59.22		ug/Kg		118	80 - 127	4	20
1,2,4-Trimethylbenzene			50.0	50.26		ug/Kg		101	80 - 120	1	20
1,2-Dibromo-3-Chloropropane			50.0	51.62		ug/Kg		103	59 - 120	11	20
1,2-Dibromoethane			50.0	50.71		ug/Kg		101	80 - 120	7	20
1,2-Dichlorobenzene			50.0	50.79		ug/Kg		102	80 - 120	1	20
1,2-Dichloroethane			50.0	48.93		ug/Kg		98	80 - 120	9	20
1,2-Dichloropropane			50.0	56.31		ug/Kg		113	78 - 126	6	20
1,3,5-Trimethylbenzene			50.0	49.72		ug/Kg		99	80 - 120	3	20
1,3-Dichlorobenzene			50.0	50.31		ug/Kg		101	80 - 120	1	20
1,3-Dichloropropane			50.0	49.34		ug/Kg		99	80 - 120	7	20
1,4-Dichlorobenzene			50.0	50.65		ug/Kg		101	80 - 120	3	20
2,2-Dichloropropane			50.0	47.90		ug/Kg		96	71 - 126	1	20
2-Butanone			50.0	59.41		ug/Kg		119	59 - 136	5	20
2-Chlorotoluene			50.0	48.99		ug/Kg		98	80 - 120	1	20
2-Hexanone			50.0	57.86		ug/Kg		116	45 - 137	9	20
4-Chlorotoluene			50.0	49.12		ug/Kg		98	80 - 120	0	20
4-Methyl-2-pentanone			50.0	59.60		ug/Kg		119	58 - 132	6	20
Acetone			50.0	68.41		ug/Kg		137	49 - 138	9	24
Benzene			50.0	49.97		ug/Kg		100	80 - 120	2	20
Bromobenzene			50.0	51.31		ug/Kg		103	80 - 120	2	20
Bromochloromethane			50.0	48.95		ug/Kg		98	80 - 122	4	20
Bromodichloromethane			50.0	50.86		ug/Kg		102	80 - 127	6	20
Bromoform			50.0	50.27		ug/Kg		101	73 - 125	10	20
Bromomethane			50.0	49.17		ug/Kg		98	53 - 180	0	20
cis-1,2-Dichloroethene			50.0	48.37		ug/Kg		97	80 - 121	6	20
cis-1,3-Dichloropropene			50.0	53.19		ug/Kg		106	80 - 122	6	20
Carbon disulfide			50.0	46.18		ug/Kg		92	76 - 120	3	20
Carbon tetrachloride			50.0	53.51		ug/Kg		107	80 - 125	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-219929/2-A
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219929

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene			50.0	50.70		ug/Kg		101	80 - 120	2	20
Chloroethane			50.0	51.60		ug/Kg		103	74 - 132	9	20
Chloroform			50.0	46.67		ug/Kg		93	75 - 128	7	20
Chloromethane			50.0	53.82		ug/Kg		108	40 - 135	6	20
Dibromochloromethane			50.0	51.02		ug/Kg		102	80 - 123	8	20
Dibromomethane			50.0	49.21		ug/Kg		98	80 - 121	9	20
Dichlorodifluoromethane			50.0	35.74		ug/Kg		71	40 - 126	8	20
Ethylbenzene			50.0	49.51		ug/Kg		99	80 - 120	0	20
Isopropylbenzene			50.0	50.86		ug/Kg		102	80 - 120	1	20
Methylene Chloride			50.0	46.70		ug/Kg		93	76 - 121	1	20
Methyl-t-Butyl Ether (MTBE)			50.0	51.58		ug/Kg		103	73 - 137	12	20
Naphthalene			50.0	60.23		ug/Kg		120	73 - 122	3	20
n-Butylbenzene			50.0	51.22		ug/Kg		102	76 - 120	3	20
N-Propylbenzene			50.0	49.92		ug/Kg		100	80 - 120	0	20
o-Xylene			50.0	50.00		ug/Kg		100	80 - 120	1	20
m,p-Xylene			100	97.93		ug/Kg		98	80 - 120	1	20
p-Isopropyltoluene			50.0	51.54		ug/Kg		103	80 - 120	0	20
sec-Butylbenzene			50.0	51.41		ug/Kg		103	75 - 120	1	20
Styrene			50.0	49.59		ug/Kg		99	80 - 120	2	20
trans-1,2-Dichloroethene			50.0	46.65		ug/Kg		93	79 - 120	7	20
trans-1,3-Dichloropropene			50.0	48.95		ug/Kg		98	80 - 125	7	20
tert-Butylbenzene			50.0	50.36		ug/Kg		101	73 - 120	0	20
Tetrachloroethene			50.0	49.56		ug/Kg		99	69 - 124	0	20
Toluene			50.0	50.42		ug/Kg		101	80 - 120	0	20
Trichloroethene			50.0	53.49		ug/Kg		107	80 - 120	7	20
Trichlorofluoromethane			50.0	45.91		ug/Kg		92	52 - 161	7	20
Vinyl acetate			50.0	46.83		ug/Kg		94	71 - 133	3	20
Vinyl chloride			50.0	55.13		ug/Kg		110	77 - 138	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 141*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*92*		*47 - 142*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 570-87413-21 MS
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: DGA-021-1
Prep Type: Total/NA
Prep Batch: 219929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		49.6	39.29		ug/Kg		79	61 - 129
1,1,1-Trichloroethane	ND		49.6	39.53		ug/Kg		80	67 - 125
1,1,2,2-Tetrachloroethane	ND		49.6	42.63		ug/Kg		86	20 - 164
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.6	38.05		ug/Kg		77	62 - 125
1,1,2-Trichloroethane	ND		49.6	35.90		ug/Kg		72	52 - 134
1,1-Dichloroethane	ND		49.6	42.89		ug/Kg		86	66 - 125
1,1-Dichloroethene	ND		49.6	45.96		ug/Kg		93	60 - 125
1,1-Dichloropropene	ND	F2	49.6	39.75		ug/Kg		80	69 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87413-21 MS
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: DGA-021-1
Prep Type: Total/NA
Prep Batch: 219929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		49.6	56.94		ug/Kg		115	20 - 145
1,2,3-Trichloropropane	ND		49.6	48.23		ug/Kg		97	53 - 128
1,2,4-Trichlorobenzene	ND		49.6	54.37		ug/Kg		110	20 - 146
1,2,4-Trimethylbenzene	ND		49.6	44.88		ug/Kg		90	51 - 129
1,2-Dibromo-3-Chloropropane	ND		49.6	47.40		ug/Kg		96	33 - 126
1,2-Dibromoethane	ND		49.6	41.66		ug/Kg		84	65 - 125
1,2-Dichlorobenzene	ND		49.6	46.64		ug/Kg		94	47 - 130
1,2-Dichloroethane	ND		49.6	44.99		ug/Kg		91	66 - 127
1,2-Dichloropropane	ND		49.6	47.12		ug/Kg		95	70 - 125
1,3,5-Trimethylbenzene	ND		49.6	47.44		ug/Kg		96	50 - 132
1,3-Dichlorobenzene	ND		49.6	44.71		ug/Kg		90	48 - 128
1,3-Dichloropropane	ND		49.6	38.61		ug/Kg		78	66 - 125
1,4-Dichlorobenzene	ND		49.6	44.95		ug/Kg		91	47 - 127
2,2-Dichloropropane	ND		49.6	40.71		ug/Kg		82	61 - 128
2-Butanone	ND		49.6	48.60		ug/Kg		98	48 - 134
2-Chlorotoluene	ND		49.6	46.34		ug/Kg		93	54 - 127
2-Hexanone	ND		49.6	57.03		ug/Kg		115	48 - 136
4-Chlorotoluene	ND		49.6	43.71		ug/Kg		88	54 - 125
4-Methyl-2-pentanone	ND		49.6	63.78		ug/Kg		129	55 - 133
Acetone	ND		49.6	74.34		ug/Kg		115	30 - 175
Benzene	ND		49.6	44.34		ug/Kg		89	70 - 125
Bromobenzene	ND		49.6	49.26		ug/Kg		99	57 - 129
Bromochloromethane	ND		49.6	46.16		ug/Kg		93	67 - 125
Bromodichloromethane	ND		49.6	43.23		ug/Kg		87	64 - 130
Bromoform	ND		49.6	37.21		ug/Kg		75	49 - 133
Bromomethane	ND		49.6	58.58		ug/Kg		118	30 - 149
cis-1,2-Dichloroethene	ND	F2	49.6	36.56		ug/Kg		74	71 - 125
cis-1,3-Dichloropropene	ND		49.6	43.15		ug/Kg		87	63 - 126
Carbon disulfide	ND		49.6	45.11		ug/Kg		91	53 - 125
Carbon tetrachloride	ND		49.6	41.10		ug/Kg		83	60 - 130
Chlorobenzene	ND		49.6	46.23		ug/Kg		93	65 - 125
Chloroethane	ND		49.6	60.36		ug/Kg		122	51 - 131
Chloroform	ND	F2	49.6	36.01		ug/Kg		73	70 - 125
Chloromethane	ND		49.6	62.12		ug/Kg		125	43 - 125
Dibromochloromethane	ND		49.6	37.74		ug/Kg		76	56 - 132
Dibromomethane	ND		49.6	44.08		ug/Kg		89	67 - 127
Dichlorodifluoromethane	ND		49.6	41.31		ug/Kg		83	47 - 127
Ethylbenzene	ND		49.6	45.89		ug/Kg		93	64 - 125
Isopropylbenzene	ND		49.6	46.24		ug/Kg		93	59 - 129
Methylene Chloride	ND		49.6	49.75		ug/Kg		100	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND	F2	49.6	38.85		ug/Kg		78	61 - 125
Naphthalene	ND		49.6	56.06		ug/Kg		113	25 - 136
n-Butylbenzene	ND		49.6	45.60		ug/Kg		92	35 - 135
N-Propylbenzene	ND		49.6	46.68		ug/Kg		94	52 - 131
o-Xylene	ND		49.6	47.38		ug/Kg		96	59 - 128
m,p-Xylene	ND		99.2	92.12		ug/Kg		93	60 - 125
p-Isopropyltoluene	ND		49.6	44.96		ug/Kg		91	46 - 132
sec-Butylbenzene	ND		49.6	43.96		ug/Kg		89	47 - 131
Styrene	ND		49.6	46.99		ug/Kg		95	58 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87413-21 MS
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: DGA-021-1
Prep Type: Total/NA
Prep Batch: 219929

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	ND	F2	49.6	33.18		ug/Kg		67	67 - 125
trans-1,3-Dichloropropene	ND		49.6	37.35		ug/Kg		75	59 - 132
tert-Butylbenzene	ND		49.6	43.81		ug/Kg		88	53 - 126
Tetrachloroethene	ND		49.6	41.79		ug/Kg		84	62 - 129
Toluene	ND		49.6	52.37		ug/Kg		106	68 - 125
Trichloroethene	ND		49.6	41.99		ug/Kg		85	41 - 169
Trichlorofluoromethane	ND		49.6	46.66		ug/Kg		94	63 - 128
Vinyl acetate	ND		49.6	37.33		ug/Kg		75	20 - 154
Vinyl chloride	ND	F1	49.6	63.76	F1	ug/Kg		129	59 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*64 - 141*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*78*		*47 - 142*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: 570-87413-21 MSD
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: DGA-021-1
Prep Type: Total/NA
Prep Batch: 219929

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		49.7	45.64		ug/Kg		92	61 - 129	15	23
1,1,1-Trichloroethane	ND		49.7	47.08		ug/Kg		95	67 - 125	17	20
1,1,2,2-Tetrachloroethane	ND		49.7	46.66		ug/Kg		94	20 - 164	9	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.7	44.21		ug/Kg		89	62 - 125	15	20
1,1,2-Trichloroethane	ND		49.7	43.90		ug/Kg		88	52 - 134	20	25
1,1-Dichloroethane	ND		49.7	51.69		ug/Kg		104	66 - 125	19	20
1,1-Dichloroethene	ND		49.7	52.13		ug/Kg		105	60 - 125	13	20
1,1-Dichloropropene	ND	F2	49.7	48.88	F2	ug/Kg		98	69 - 125	21	20
1,2,3-Trichlorobenzene	ND		49.7	55.39		ug/Kg		111	20 - 145	3	39
1,2,3-Trichloropropane	ND		49.7	47.68		ug/Kg		96	53 - 128	1	25
1,2,4-Trichlorobenzene	ND		49.7	54.01		ug/Kg		109	20 - 146	1	38
1,2,4-Trimethylbenzene	ND		49.7	46.06		ug/Kg		93	51 - 129	3	27
1,2-Dibromo-3-Chloropropane	ND		49.7	49.17		ug/Kg		99	33 - 126	4	29
1,2-Dibromoethane	ND		49.7	46.27		ug/Kg		93	65 - 125	10	21
1,2-Dichlorobenzene	ND		49.7	47.19		ug/Kg		95	47 - 130	1	29
1,2-Dichloroethane	ND		49.7	47.19		ug/Kg		95	66 - 127	5	20
1,2-Dichloropropane	ND		49.7	52.83		ug/Kg		106	70 - 125	11	20
1,3,5-Trimethylbenzene	ND		49.7	46.88		ug/Kg		94	50 - 132	1	29
1,3-Dichlorobenzene	ND		49.7	46.25		ug/Kg		93	48 - 128	3	28
1,3-Dichloropropane	ND		49.7	45.42		ug/Kg		91	66 - 125	16	20
1,4-Dichlorobenzene	ND		49.7	46.45		ug/Kg		93	47 - 127	3	28
2,2-Dichloropropane	ND		49.7	46.99		ug/Kg		95	61 - 128	14	20
2-Butanone	ND		49.7	56.75		ug/Kg		114	48 - 134	15	24
2-Chlorotoluene	ND		49.7	46.22		ug/Kg		93	54 - 127	0	27
2-Hexanone	ND		49.7	54.28		ug/Kg		109	48 - 136	5	28
4-Chlorotoluene	ND		49.7	45.73		ug/Kg		92	54 - 125	5	26
4-Methyl-2-pentanone	ND		49.7	58.21		ug/Kg		117	55 - 133	9	23

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87413-21 MSD
Matrix: Solid
Analysis Batch: 219835

Client Sample ID: DGA-021-1
Prep Type: Total/NA
Prep Batch: 219929

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		49.7	77.22		ug/Kg		121	30 - 175	4	30
Benzene	ND		49.7	46.76		ug/Kg		94	70 - 125	5	20
Bromobenzene	ND		49.7	48.17		ug/Kg		97	57 - 129	2	26
Bromochloromethane	ND		49.7	47.71		ug/Kg		96	67 - 125	3	20
Bromodichloromethane	ND		49.7	48.63		ug/Kg		98	64 - 130	12	20
Bromoform	ND		49.7	44.65		ug/Kg		90	49 - 133	18	27
Bromomethane	ND		49.7	50.55		ug/Kg		102	30 - 149	15	31
cis-1,2-Dichloroethene	ND	F2	49.7	45.63	F2	ug/Kg		92	71 - 125	22	20
cis-1,3-Dichloropropene	ND		49.7	49.30		ug/Kg		99	63 - 126	13	20
Carbon disulfide	ND		49.7	45.14		ug/Kg		91	53 - 125	0	20
Carbon tetrachloride	ND		49.7	49.66		ug/Kg		100	60 - 130	19	20
Chlorobenzene	ND		49.7	47.38		ug/Kg		95	65 - 125	2	22
Chloroethane	ND		49.7	54.19		ug/Kg		109	51 - 131	11	21
Chloroform	ND	F2	49.7	44.72	F2	ug/Kg		90	70 - 125	22	20
Chloromethane	ND		49.7	58.67		ug/Kg		118	43 - 125	6	21
Dibromochloromethane	ND		49.7	45.90		ug/Kg		92	56 - 132	19	24
Dibromomethane	ND		49.7	45.89		ug/Kg		92	67 - 127	4	20
Dichlorodifluoromethane	ND		49.7	38.67		ug/Kg		78	47 - 127	7	20
Ethylbenzene	ND		49.7	46.90		ug/Kg		94	64 - 125	2	22
Isopropylbenzene	ND		49.7	47.57		ug/Kg		96	59 - 129	3	26
Methylene Chloride	ND		49.7	46.12		ug/Kg		93	60 - 125	8	20
Methyl-t-Butyl Ether (MTBE)	ND	F2	49.7	48.76	F2	ug/Kg		98	61 - 125	23	20
Naphthalene	ND		49.7	54.33		ug/Kg		109	25 - 136	3	32
n-Butylbenzene	ND		49.7	47.04		ug/Kg		95	35 - 135	3	35
N-Propylbenzene	ND		49.7	46.46		ug/Kg		93	52 - 131	0	27
o-Xylene	ND		49.7	47.15		ug/Kg		95	59 - 128	0	24
m,p-Xylene	ND		99.4	92.40		ug/Kg		93	60 - 125	0	24
p-Isopropyltoluene	ND		49.7	47.27		ug/Kg		95	46 - 132	5	30
sec-Butylbenzene	ND		49.7	46.55		ug/Kg		94	47 - 131	6	30
Styrene	ND		49.7	46.56		ug/Kg		94	58 - 128	1	24
trans-1,2-Dichloroethene	ND	F2	49.7	43.27	F2	ug/Kg		87	67 - 125	26	20
trans-1,3-Dichloropropene	ND		49.7	44.00		ug/Kg		89	59 - 132	16	22
tert-Butylbenzene	ND		49.7	46.88		ug/Kg		94	53 - 126	7	28
Tetrachloroethene	ND		49.7	46.77		ug/Kg		94	62 - 129	11	21
Toluene	ND		49.7	48.42		ug/Kg		97	68 - 125	8	20
Trichloroethene	ND		49.7	48.61		ug/Kg		98	41 - 169	15	21
Trichlorofluoromethane	ND		49.7	48.20		ug/Kg		97	63 - 128	3	20
Vinyl acetate	ND		49.7	44.10		ug/Kg		89	20 - 154	17	40
Vinyl chloride	ND	F1	49.7	58.40		ug/Kg		117	59 - 125	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*
4-Bromofluorobenzene (Surr)	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*47 - 142*
Toluene-d8 (Surr)	*103*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-219962/3-A
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
2-Butanone	ND		20		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
2-Hexanone	ND		20		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Acetone	ND		20		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Benzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Bromobenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Bromochloromethane	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Bromodichloromethane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Bromoform	ND		5.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Bromomethane	ND		20		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Carbon disulfide	ND		10		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Chlorobenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Chloroethane	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Chloroform	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Chloromethane	ND		20		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Dibromochloromethane	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Dibromomethane	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Ethylbenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Isopropylbenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Methylene Chloride	ND		10		ug/Kg		03/16/22 08:30	03/16/22 11:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-219962/3-A
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Naphthalene	ND		10		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
n-Butylbenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
N-Propylbenzene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
o-Xylene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
m,p-Xylene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Styrene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Tetrachloroethene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Toluene	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Trichloroethene	ND		2.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Trichlorofluoromethane	ND		10		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Vinyl acetate	ND		10		ug/Kg		03/16/22 08:30	03/16/22 11:20	1
Vinyl chloride	ND		1.0		ug/Kg		03/16/22 08:30	03/16/22 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 141*	*03/16/22 08:30*	*03/16/22 11:20*	*1*
4-Bromofluorobenzene (Surr)	*98*		*76 - 120*	*03/16/22 08:30*	*03/16/22 11:20*	*1*
Dibromofluoromethane (Surr)	*98*		*47 - 142*	*03/16/22 08:30*	*03/16/22 11:20*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*03/16/22 08:30*	*03/16/22 11:20*	*1*

Lab Sample ID: LCS 570-219962/1-A
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	53.65		ug/Kg		107	80 - 124
1,1,1-Trichloroethane	50.0	50.35		ug/Kg		101	73 - 121
1,1,2,2-Tetrachloroethane	50.0	51.02		ug/Kg		102	76 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.86		ug/Kg		98	64 - 120
1,1,2-Trichloroethane	50.0	52.20		ug/Kg		104	80 - 120
1,1-Dichloroethane	50.0	46.78		ug/Kg		94	71 - 120
1,1-Dichloroethene	50.0	48.28		ug/Kg		97	68 - 120
1,1-Dichloropropene	50.0	52.30		ug/Kg		105	74 - 122
1,2,3-Trichlorobenzene	50.0	52.30		ug/Kg		105	80 - 128
1,2,3-Trichloropropane	50.0	49.88		ug/Kg		100	74 - 122
1,2,4-Trichlorobenzene	50.0	53.80		ug/Kg		108	80 - 132
1,2,4-Trimethylbenzene	50.0	50.74		ug/Kg		101	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	48.11		ug/Kg		96	65 - 120
1,2-Dibromoethane	50.0	48.70		ug/Kg		97	80 - 120
1,2-Dichlorobenzene	50.0	49.39		ug/Kg		99	80 - 120
1,2-Dichloroethane	50.0	45.74		ug/Kg		91	76 - 126
1,2-Dichloropropane	50.0	50.74		ug/Kg		101	80 - 120
1,3,5-Trimethylbenzene	50.0	47.70		ug/Kg		95	78 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-219962/1-A
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	49.76		ug/Kg		100	80 - 120
1,3-Dichloropropane	50.0	50.85		ug/Kg		102	80 - 120
1,4-Dichlorobenzene	50.0	50.21		ug/Kg		100	80 - 120
2,2-Dichloropropane	50.0	55.03		ug/Kg		110	68 - 129
2-Butanone	50.0	43.79		ug/Kg		88	63 - 129
2-Chlorotoluene	50.0	47.42		ug/Kg		95	77 - 122
2-Hexanone	50.0	44.44		ug/Kg		89	67 - 130
4-Chlorotoluene	50.0	50.60		ug/Kg		101	80 - 120
4-Methyl-2-pentanone	50.0	44.00		ug/Kg		88	73 - 122
Acetone	50.0	38.02		ug/Kg		76	62 - 123
Benzene	50.0	50.29		ug/Kg		101	76 - 120
Bromobenzene	50.0	47.47		ug/Kg		95	80 - 124
Bromochloromethane	50.0	44.78		ug/Kg		90	77 - 120
Bromodichloromethane	50.0	50.92		ug/Kg		102	80 - 127
Bromoform	50.0	54.06		ug/Kg		108	69 - 131
Bromomethane	50.0	47.35		ug/Kg		95	39 - 143
cis-1,2-Dichloroethene	50.0	47.38		ug/Kg		95	77 - 121
cis-1,3-Dichloropropene	50.0	50.98		ug/Kg		102	80 - 121
Carbon disulfide	50.0	49.01		ug/Kg		98	59 - 128
Carbon tetrachloride	50.0	54.69		ug/Kg		109	68 - 132
Chlorobenzene	50.0	49.52		ug/Kg		99	80 - 120
Chloroethane	50.0	42.93		ug/Kg		86	59 - 135
Chloroform	50.0	47.12		ug/Kg		94	77 - 121
Chloromethane	50.0	37.52		ug/Kg		75	51 - 129
Dibromochloromethane	50.0	51.21		ug/Kg		102	77 - 127
Dibromomethane	50.0	47.52		ug/Kg		95	80 - 124
Dichlorodifluoromethane	50.0	41.50		ug/Kg		83	53 - 133
Ethylbenzene	50.0	48.56		ug/Kg		97	80 - 120
Isopropylbenzene	50.0	47.97		ug/Kg		96	80 - 123
Methylene Chloride	50.0	43.85		ug/Kg		88	70 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	51.42		ug/Kg		103	70 - 120
Naphthalene	50.0	46.57		ug/Kg		93	76 - 121
n-Butylbenzene	50.0	51.81		ug/Kg		104	78 - 123
N-Propylbenzene	50.0	48.89		ug/Kg		98	78 - 123
o-Xylene	50.0	47.51		ug/Kg		95	76 - 125
m,p-Xylene	100	94.35		ug/Kg		94	75 - 122
p-Isopropyltoluene	50.0	50.91		ug/Kg		102	80 - 121
sec-Butylbenzene	50.0	51.32		ug/Kg		103	80 - 120
Styrene	50.0	47.66		ug/Kg		95	79 - 123
trans-1,2-Dichloroethene	50.0	47.78		ug/Kg		96	71 - 120
trans-1,3-Dichloropropene	50.0	54.63		ug/Kg		109	80 - 126
tert-Butylbenzene	50.0	49.45		ug/Kg		99	80 - 120
Tetrachloroethene	50.0	50.87		ug/Kg		102	80 - 123
Toluene	50.0	48.83		ug/Kg		98	79 - 120
Trichloroethene	50.0	53.33		ug/Kg		107	80 - 120
Trichlorofluoromethane	50.0	47.08		ug/Kg		94	69 - 133
Vinyl acetate	50.0	57.09		ug/Kg		114	78 - 138
Vinyl chloride	50.0	46.69		ug/Kg		93	65 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-219962/1-A
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219962

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		64 - 141
4-Bromofluorobenzene (Surr)	96		76 - 120
Dibromofluoromethane (Surr)	96		47 - 142
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: LCSD 570-219962/2-A
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219962

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	53.60		ug/Kg		107	80 - 124	0	20
1,1,1-Trichloroethane			50.0	49.97		ug/Kg		100	73 - 121	1	20
1,1,2,2-Tetrachloroethane			50.0	50.23		ug/Kg		100	76 - 123	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	48.40		ug/Kg		97	64 - 120	1	20
1,1,2-Trichloroethane			50.0	50.90		ug/Kg		102	80 - 120	3	20
1,1-Dichloroethane			50.0	46.04		ug/Kg		92	71 - 120	2	20
1,1-Dichloroethene			50.0	46.98		ug/Kg		94	68 - 120	3	20
1,1-Dichloropropene			50.0	51.14		ug/Kg		102	74 - 122	2	20
1,2,3-Trichlorobenzene			50.0	51.37		ug/Kg		103	80 - 128	2	20
1,2,3-Trichloropropane			50.0	48.52		ug/Kg		97	74 - 122	3	20
1,2,4-Trichlorobenzene			50.0	50.90		ug/Kg		102	80 - 132	6	20
1,2,4-Trimethylbenzene			50.0	50.07		ug/Kg		100	80 - 120	1	20
1,2-Dibromo-3-Chloropropane			50.0	47.31		ug/Kg		95	65 - 120	2	20
1,2-Dibromoethane			50.0	48.92		ug/Kg		98	80 - 120	0	20
1,2-Dichlorobenzene			50.0	49.32		ug/Kg		99	80 - 120	0	20
1,2-Dichloroethane			50.0	44.48		ug/Kg		89	76 - 126	3	20
1,2-Dichloropropane			50.0	50.38		ug/Kg		101	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	46.10		ug/Kg		92	78 - 124	3	20
1,3-Dichlorobenzene			50.0	48.30		ug/Kg		97	80 - 120	3	20
1,3-Dichloropropane			50.0	50.73		ug/Kg		101	80 - 120	0	20
1,4-Dichlorobenzene			50.0	49.11		ug/Kg		98	80 - 120	2	20
2,2-Dichloropropane			50.0	54.15		ug/Kg		108	68 - 129	2	20
2-Butanone			50.0	41.41		ug/Kg		83	63 - 129	6	20
2-Chlorotoluene			50.0	46.47		ug/Kg		93	77 - 122	2	20
2-Hexanone			50.0	43.46		ug/Kg		87	67 - 130	2	20
4-Chlorotoluene			50.0	49.86		ug/Kg		100	80 - 120	1	20
4-Methyl-2-pentanone			50.0	42.38		ug/Kg		85	73 - 122	4	20
Acetone			50.0	35.93		ug/Kg		72	62 - 123	6	20
Benzene			50.0	49.91		ug/Kg		100	76 - 120	1	20
Bromobenzene			50.0	46.95		ug/Kg		94	80 - 124	1	20
Bromochloromethane			50.0	44.96		ug/Kg		90	77 - 120	0	20
Bromodichloromethane			50.0	50.46		ug/Kg		101	80 - 127	1	20
Bromoform			50.0	53.38		ug/Kg		107	69 - 131	1	20
Bromomethane			50.0	48.73		ug/Kg		97	39 - 143	3	20
cis-1,2-Dichloroethene			50.0	48.16		ug/Kg		96	77 - 121	2	20
cis-1,3-Dichloropropene			50.0	50.19		ug/Kg		100	80 - 121	2	20
Carbon disulfide			50.0	47.77		ug/Kg		96	59 - 128	3	20
Carbon tetrachloride			50.0	53.46		ug/Kg		107	68 - 132	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-219962/2-A
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219962

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene			50.0	49.06		ug/Kg		98	80 - 120	1	20
Chloroethane			50.0	43.04		ug/Kg		86	59 - 135	0	20
Chloroform			50.0	47.17		ug/Kg		94	77 - 121	0	20
Chloromethane			50.0	38.51		ug/Kg		77	51 - 129	3	20
Dibromochloromethane			50.0	51.37		ug/Kg		103	77 - 127	0	20
Dibromomethane			50.0	47.06		ug/Kg		94	80 - 124	1	20
Dichlorodifluoromethane			50.0	41.33		ug/Kg		83	53 - 133	0	20
Ethylbenzene			50.0	47.83		ug/Kg		96	80 - 120	2	20
Isopropylbenzene			50.0	47.18		ug/Kg		94	80 - 123	2	20
Methylene Chloride			50.0	43.13		ug/Kg		86	70 - 120	2	20
Methyl-t-Butyl Ether (MTBE)			50.0	50.73		ug/Kg		101	70 - 120	1	20
Naphthalene			50.0	45.54		ug/Kg		91	76 - 121	2	20
n-Butylbenzene			50.0	49.91		ug/Kg		100	78 - 123	4	20
N-Propylbenzene			50.0	47.47		ug/Kg		95	78 - 123	3	20
o-Xylene			50.0	46.77		ug/Kg		94	76 - 125	2	20
m,p-Xylene			100	92.54		ug/Kg		93	75 - 122	2	20
p-Isopropyltoluene			50.0	49.50		ug/Kg		99	80 - 121	3	20
sec-Butylbenzene			50.0	50.08		ug/Kg		100	80 - 120	2	20
Styrene			50.0	46.91		ug/Kg		94	79 - 123	2	20
trans-1,2-Dichloroethene			50.0	47.15		ug/Kg		94	71 - 120	1	20
trans-1,3-Dichloropropene			50.0	54.75		ug/Kg		110	80 - 126	0	20
tert-Butylbenzene			50.0	49.22		ug/Kg		98	80 - 120	0	20
Tetrachloroethene			50.0	50.38		ug/Kg		101	80 - 123	1	20
Toluene			50.0	48.66		ug/Kg		97	79 - 120	0	20
Trichloroethene			50.0	52.41		ug/Kg		105	80 - 120	2	20
Trichlorofluoromethane			50.0	47.65		ug/Kg		95	69 - 133	1	20
Vinyl acetate			50.0	53.78		ug/Kg		108	78 - 138	6	20
Vinyl chloride			50.0	46.72		ug/Kg		93	65 - 129	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 141*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*
Dibromofluoromethane (Surr)	*94*		*47 - 142*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 570-87413-15 MS
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: DGA-019-6.5
Prep Type: Total/NA
Prep Batch: 219962

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		49.6	40.62		ug/Kg		82	61 - 129
1,1,1-Trichloroethane	ND		49.6	43.27		ug/Kg		87	67 - 125
1,1,2,2-Tetrachloroethane	ND		49.6	37.94		ug/Kg		76	20 - 164
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.6	42.11		ug/Kg		85	62 - 125
1,1,2-Trichloroethane	ND		49.6	42.55		ug/Kg		86	52 - 134
1,1-Dichloroethane	ND		49.6	40.66		ug/Kg		82	66 - 125
1,1-Dichloroethene	ND		49.6	42.00		ug/Kg		85	60 - 125
1,1-Dichloropropene	ND		49.6	43.90		ug/Kg		89	69 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87413-15 MS
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: DGA-019-6.5
Prep Type: Total/NA
Prep Batch: 219962

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		49.6	17.13		ug/Kg		35	20 - 145
1,2,3-Trichloropropane	ND		49.6	36.98		ug/Kg		75	53 - 128
1,2,4-Trichlorobenzene	ND		49.6	17.97		ug/Kg		36	20 - 146
1,2,4-Trimethylbenzene	ND		49.6	31.19		ug/Kg		63	51 - 129
1,2-Dibromo-3-Chloropropane	ND		49.6	33.89		ug/Kg		68	33 - 126
1,2-Dibromoethane	ND		49.6	39.42		ug/Kg		79	65 - 125
1,2-Dichlorobenzene	ND		49.6	29.23		ug/Kg		59	47 - 130
1,2-Dichloroethane	ND		49.6	38.20		ug/Kg		77	66 - 127
1,2-Dichloropropane	ND		49.6	41.99		ug/Kg		85	70 - 125
1,3,5-Trimethylbenzene	ND	F1	49.6	29.83		ug/Kg		60	50 - 132
1,3-Dichlorobenzene	ND	F1	49.6	29.54		ug/Kg		60	48 - 128
1,3-Dichloropropane	ND		49.6	41.71		ug/Kg		84	66 - 125
1,4-Dichlorobenzene	ND		49.6	29.43		ug/Kg		59	47 - 127
2,2-Dichloropropane	ND		49.6	46.21		ug/Kg		93	61 - 128
2-Butanone	ND		49.6	38.38		ug/Kg		77	48 - 134
2-Chlorotoluene	ND	F1	49.6	31.28		ug/Kg		63	54 - 127
2-Hexanone	ND		49.6	34.71		ug/Kg		70	48 - 136
4-Chlorotoluene	ND		49.6	33.14		ug/Kg		67	54 - 125
4-Methyl-2-pentanone	ND		49.6	34.29		ug/Kg		69	55 - 133
Acetone	ND		49.6	31.52		ug/Kg		64	30 - 175
Benzene	ND		49.6	41.63		ug/Kg		84	70 - 125
Bromobenzene	ND	F1	49.6	32.85		ug/Kg		66	57 - 129
Bromochloromethane	ND		49.6	39.10		ug/Kg		79	67 - 125
Bromodichloromethane	ND		49.6	41.34		ug/Kg		83	64 - 130
Bromoform	ND		49.6	40.48		ug/Kg		82	49 - 133
Bromomethane	ND		49.6	42.69		ug/Kg		86	30 - 149
cis-1,2-Dichloroethene	ND		49.6	42.13		ug/Kg		85	71 - 125
cis-1,3-Dichloropropene	ND		49.6	40.69		ug/Kg		82	63 - 126
Carbon disulfide	ND		49.6	42.25		ug/Kg		85	53 - 125
Carbon tetrachloride	ND		49.6	45.38		ug/Kg		91	60 - 130
Chlorobenzene	ND	F1	49.6	37.52		ug/Kg		76	65 - 125
Chloroethane	ND		49.6	36.63		ug/Kg		74	51 - 131
Chloroform	ND		49.6	40.94		ug/Kg		83	70 - 125
Chloromethane	ND		49.6	32.93		ug/Kg		66	43 - 125
Dibromochloromethane	ND		49.6	41.22		ug/Kg		83	56 - 132
Dibromomethane	ND		49.6	39.62		ug/Kg		80	67 - 127
Dichlorodifluoromethane	ND		49.6	34.71		ug/Kg		70	47 - 127
Ethylbenzene	ND	F1	49.6	36.07		ug/Kg		73	64 - 125
Isopropylbenzene	ND	F1	49.6	32.64		ug/Kg		66	59 - 129
Methylene Chloride	ND		49.6	39.16		ug/Kg		79	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND		49.6	43.73		ug/Kg		88	61 - 125
Naphthalene	ND		49.6	22.23		ug/Kg		45	25 - 136
n-Butylbenzene	ND		49.6	24.87		ug/Kg		50	35 - 135
N-Propylbenzene	ND	F1	49.6	31.42		ug/Kg		63	52 - 131
o-Xylene	ND		49.6	34.89		ug/Kg		70	59 - 128
m,p-Xylene	ND	F1	99.2	69.85		ug/Kg		70	60 - 125
p-Isopropyltoluene	ND	F1	49.6	28.17		ug/Kg		57	46 - 132
sec-Butylbenzene	ND	F1	49.6	28.93		ug/Kg		58	47 - 131
Styrene	ND		49.6	34.93		ug/Kg		70	58 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87413-15 MS
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: DGA-019-6.5
Prep Type: Total/NA
Prep Batch: 219962

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	ND		49.6	41.37		ug/Kg		83	67 - 125
trans-1,3-Dichloropropene	ND		49.6	44.06		ug/Kg		89	59 - 132
tert-Butylbenzene	ND	F1	49.6	30.21		ug/Kg		61	53 - 126
Tetrachloroethene	ND		49.6	38.72		ug/Kg		78	62 - 129
Toluene	ND		49.6	39.14		ug/Kg		79	68 - 125
Trichloroethene	ND		49.6	44.04		ug/Kg		89	41 - 169
Trichlorofluoromethane	ND		49.6	39.19		ug/Kg		79	63 - 128
Vinyl acetate	ND		49.6	40.35		ug/Kg		81	20 - 154
Vinyl chloride	ND		49.6	39.70		ug/Kg		80	59 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 141*
4-Bromofluorobenzene (Surr)	*97*		*76 - 120*
Dibromofluoromethane (Surr)	*101*		*47 - 142*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 570-87413-15 MSD
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: DGA-019-6.5
Prep Type: Total/NA
Prep Batch: 219962

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		49.3	34.06		ug/Kg		69	61 - 129	18	23
1,1,1-Trichloroethane	ND		49.3	37.51		ug/Kg		76	67 - 125	14	20
1,1,2,2-Tetrachloroethane	ND		49.3	31.14		ug/Kg		63	20 - 164	20	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.3	35.85		ug/Kg		73	62 - 125	16	20
1,1,2-Trichloroethane	ND		49.3	34.99		ug/Kg		71	52 - 134	19	25
1,1-Dichloroethane	ND		49.3	34.99		ug/Kg		71	66 - 125	15	20
1,1-Dichloroethene	ND		49.3	37.20		ug/Kg		75	60 - 125	12	20
1,1-Dichloropropene	ND		49.3	37.86		ug/Kg		77	69 - 125	15	20
1,2,3-Trichlorobenzene	ND		49.3	14.02		ug/Kg		28	20 - 145	20	39
1,2,3-Trichloropropane	ND		49.3	30.62		ug/Kg		62	53 - 128	19	25
1,2,4-Trichlorobenzene	ND		49.3	14.11		ug/Kg		29	20 - 146	24	38
1,2,4-Trimethylbenzene	ND		49.3	25.03		ug/Kg		51	51 - 129	22	27
1,2-Dibromo-3-Chloropropane	ND		49.3	27.52		ug/Kg		56	33 - 126	21	29
1,2-Dibromoethane	ND		49.3	32.21		ug/Kg		65	65 - 125	20	21
1,2-Dichlorobenzene	ND		49.3	23.65		ug/Kg		48	47 - 130	21	29
1,2-Dichloroethane	ND		49.3	32.78		ug/Kg		66	66 - 127	15	20
1,2-Dichloropropane	ND		49.3	36.04		ug/Kg		73	70 - 125	15	20
1,3,5-Trimethylbenzene	ND	F1	49.3	23.82	F1	ug/Kg		48	50 - 132	22	29
1,3-Dichlorobenzene	ND	F1	49.3	23.37	F1	ug/Kg		47	48 - 128	23	28
1,3-Dichloropropane	ND		49.3	34.80		ug/Kg		71	66 - 125	18	20
1,4-Dichlorobenzene	ND		49.3	24.02		ug/Kg		49	47 - 127	20	28
2,2-Dichloropropane	ND		49.3	40.32		ug/Kg		82	61 - 128	14	20
2-Butanone	ND		49.3	30.37		ug/Kg		62	48 - 134	23	24
2-Chlorotoluene	ND	F1	49.3	25.60	F1	ug/Kg		52	54 - 127	20	27
2-Hexanone	ND		49.3	26.85		ug/Kg		54	48 - 136	26	28
4-Chlorotoluene	ND		49.3	26.71		ug/Kg		54	54 - 125	21	26
4-Methyl-2-pentanone	ND		49.3	27.62		ug/Kg		56	55 - 133	22	23

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87413-15 MSD
Matrix: Solid
Analysis Batch: 219837

Client Sample ID: DGA-019-6.5
Prep Type: Total/NA
Prep Batch: 219962

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		49.3	24.81		ug/Kg		50	30 - 175	24	30
Benzene	ND		49.3	36.53		ug/Kg		74	70 - 125	13	20
Bromobenzene	ND	F1	49.3	27.42	F1	ug/Kg		56	57 - 129	18	26
Bromochloromethane	ND		49.3	33.45		ug/Kg		68	67 - 125	16	20
Bromodichloromethane	ND		49.3	34.78		ug/Kg		71	64 - 130	17	20
Bromoform	ND		49.3	32.47		ug/Kg		66	49 - 133	22	27
Bromomethane	ND		49.3	33.52		ug/Kg		68	30 - 149	24	31
cis-1,2-Dichloroethene	ND		49.3	36.28		ug/Kg		74	71 - 125	15	20
cis-1,3-Dichloropropene	ND		49.3	34.43		ug/Kg		70	63 - 126	17	20
Carbon disulfide	ND		49.3	36.99		ug/Kg		75	53 - 125	13	20
Carbon tetrachloride	ND		49.3	38.92		ug/Kg		79	60 - 130	15	20
Chlorobenzene	ND	F1	49.3	31.60	F1	ug/Kg		64	65 - 125	17	22
Chloroethane	ND		49.3	31.82		ug/Kg		65	51 - 131	14	21
Chloroform	ND		49.3	35.84		ug/Kg		73	70 - 125	13	20
Chloromethane	ND		49.3	27.97		ug/Kg		57	43 - 125	16	21
Dibromochloromethane	ND		49.3	33.43		ug/Kg		68	56 - 132	21	24
Dibromomethane	ND		49.3	33.18		ug/Kg		67	67 - 127	18	20
Dichlorodifluoromethane	ND		49.3	29.92		ug/Kg		61	47 - 127	15	20
Ethylbenzene	ND	F1	49.3	30.37	F1	ug/Kg		62	64 - 125	17	22
Isopropylbenzene	ND	F1	49.3	26.41	F1	ug/Kg		54	59 - 129	21	26
Methylene Chloride	ND		49.3	33.85		ug/Kg		69	60 - 125	15	20
Methyl-t-Butyl Ether (MTBE)	ND		49.3	35.77		ug/Kg		73	61 - 125	20	20
Naphthalene	ND		49.3	17.22		ug/Kg		35	25 - 136	25	32
n-Butylbenzene	ND		49.3	18.68		ug/Kg		38	35 - 135	28	35
N-Propylbenzene	ND	F1	49.3	24.87	F1	ug/Kg		50	52 - 131	23	27
o-Xylene	ND		49.3	29.16		ug/Kg		59	59 - 128	18	24
m,p-Xylene	ND	F1	98.6	57.90	F1	ug/Kg		59	60 - 125	19	24
p-Isopropyltoluene	ND	F1	49.3	21.53	F1	ug/Kg		44	46 - 132	27	30
sec-Butylbenzene	ND	F1	49.3	21.99	F1	ug/Kg		45	47 - 131	27	30
Styrene	ND		49.3	29.19		ug/Kg		59	58 - 128	18	24
trans-1,2-Dichloroethene	ND		49.3	35.65		ug/Kg		72	67 - 125	15	20
trans-1,3-Dichloropropene	ND		49.3	37.28		ug/Kg		76	59 - 132	17	22
tert-Butylbenzene	ND	F1	49.3	23.71	F1	ug/Kg		48	53 - 126	24	28
Tetrachloroethene	ND		49.3	32.12		ug/Kg		65	62 - 129	19	21
Toluene	ND		49.3	33.92		ug/Kg		69	68 - 125	14	20
Trichloroethene	ND		49.3	37.76		ug/Kg		77	41 - 169	15	21
Trichlorofluoromethane	ND		49.3	33.22		ug/Kg		67	63 - 128	16	20
Vinyl acetate	ND		49.3	32.29		ug/Kg		65	20 - 154	22	40
Vinyl chloride	ND		49.3	35.02		ug/Kg		71	59 - 125	13	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 141*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*100*		*47 - 142*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-220192/3-A
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
2-Butanone	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
2-Hexanone	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Acetone	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Benzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Bromobenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Bromochloromethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Bromodichloromethane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Bromoform	ND		5.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Bromomethane	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Carbon disulfide	ND		10		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Chlorobenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Chloroethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Chloroform	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Chloromethane	ND		20		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Dibromochloromethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Dibromomethane	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Ethylbenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Isopropylbenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Methylene Chloride	ND		10		ug/Kg		03/17/22 08:46	03/17/22 13:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-220192/3-A
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220192

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Naphthalene	ND		10		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
n-Butylbenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
N-Propylbenzene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
o-Xylene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
m,p-Xylene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Styrene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Tetrachloroethene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Toluene	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Trichloroethene	ND		2.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Trichlorofluoromethane	ND		10		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Vinyl acetate	ND		10		ug/Kg		03/17/22 08:46	03/17/22 13:30	1
Vinyl chloride	ND		1.0		ug/Kg		03/17/22 08:46	03/17/22 13:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*64 - 141*	*03/17/22 08:46*	*03/17/22 13:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*	*03/17/22 08:46*	*03/17/22 13:30*	*1*
Dibromofluoromethane (Surr)	*85*		*47 - 142*	*03/17/22 08:46*	*03/17/22 13:30*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*03/17/22 08:46*	*03/17/22 13:30*	*1*

Lab Sample ID: LCS 570-220192/4-A
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	50.06		ug/Kg		100	80 - 123
1,1,1-Trichloroethane	50.0	43.39		ug/Kg		87	80 - 121
1,1,2,2-Tetrachloroethane	50.0	43.63		ug/Kg		87	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.15		ug/Kg		86	79 - 120
1,1,2-Trichloroethane	50.0	44.38		ug/Kg		89	80 - 121
1,1-Dichloroethane	50.0	47.64		ug/Kg		95	80 - 120
1,1-Dichloroethene	50.0	48.33		ug/Kg		97	70 - 120
1,1-Dichloropropene	50.0	45.71		ug/Kg		91	77 - 123
1,2,3-Trichlorobenzene	50.0	60.61		ug/Kg		121	80 - 128
1,2,3-Trichloropropane	50.0	45.17		ug/Kg		90	80 - 120
1,2,4-Trichlorobenzene	50.0	58.64		ug/Kg		117	80 - 127
1,2,4-Trimethylbenzene	50.0	46.21		ug/Kg		92	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	44.28		ug/Kg		89	59 - 120
1,2-Dibromoethane	50.0	48.39		ug/Kg		97	80 - 120
1,2-Dichlorobenzene	50.0	49.70		ug/Kg		99	80 - 120
1,2-Dichloroethane	50.0	46.36		ug/Kg		93	80 - 120
1,2-Dichloropropane	50.0	53.30		ug/Kg		107	78 - 126
1,3,5-Trimethylbenzene	50.0	48.12		ug/Kg		96	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-220192/4-A
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220192

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	48.67		ug/Kg		97	80 - 120
1,3-Dichloropropane	50.0	45.12		ug/Kg		90	80 - 120
1,4-Dichlorobenzene	50.0	49.12		ug/Kg		98	80 - 120
2,2-Dichloropropane	50.0	42.23		ug/Kg		84	71 - 126
2-Butanone	50.0	50.36		ug/Kg		101	59 - 136
2-Chlorotoluene	50.0	45.91		ug/Kg		92	80 - 120
2-Hexanone	50.0	52.94		ug/Kg		106	45 - 137
4-Chlorotoluene	50.0	44.15		ug/Kg		88	80 - 120
4-Methyl-2-pentanone	50.0	56.88		ug/Kg		114	58 - 132
Acetone	50.0	55.40		ug/Kg		111	49 - 138
Benzene	50.0	46.38		ug/Kg		93	80 - 120
Bromobenzene	50.0	52.12		ug/Kg		104	80 - 120
Bromochloromethane	50.0	43.35		ug/Kg		87	80 - 122
Bromodichloromethane	50.0	47.42		ug/Kg		95	80 - 127
Bromoform	50.0	47.95		ug/Kg		96	73 - 125
Bromomethane	50.0	46.18		ug/Kg		92	53 - 180
cis-1,2-Dichloroethene	50.0	42.36		ug/Kg		85	80 - 121
cis-1,3-Dichloropropene	50.0	50.08		ug/Kg		100	80 - 122
Carbon disulfide	50.0	40.71		ug/Kg		81	76 - 120
Carbon tetrachloride	50.0	48.06		ug/Kg		96	80 - 125
Chlorobenzene	50.0	49.16		ug/Kg		98	80 - 120
Chloroethane	50.0	48.57		ug/Kg		97	74 - 132
Chloroform	50.0	41.16		ug/Kg		82	75 - 128
Chloromethane	50.0	52.35		ug/Kg		105	40 - 135
Dibromochloromethane	50.0	48.07		ug/Kg		96	80 - 123
Dibromomethane	50.0	45.55		ug/Kg		91	80 - 121
Dichlorodifluoromethane	50.0	32.37		ug/Kg		65	40 - 126
Ethylbenzene	50.0	46.58		ug/Kg		93	80 - 120
Isopropylbenzene	50.0	49.55		ug/Kg		99	80 - 120
Methylene Chloride	50.0	41.43		ug/Kg		83	76 - 121
Methyl-t-Butyl Ether (MTBE)	50.0	44.77		ug/Kg		90	73 - 137
Naphthalene	50.0	54.56		ug/Kg		109	73 - 122
n-Butylbenzene	50.0	46.94		ug/Kg		94	76 - 120
N-Propylbenzene	50.0	47.23		ug/Kg		94	80 - 120
o-Xylene	50.0	46.61		ug/Kg		93	80 - 120
m,p-Xylene	100	91.63		ug/Kg		92	80 - 120
p-Isopropyltoluene	50.0	48.58		ug/Kg		97	80 - 120
sec-Butylbenzene	50.0	47.98		ug/Kg		96	75 - 120
Styrene	50.0	47.80		ug/Kg		96	80 - 120
trans-1,2-Dichloroethene	50.0	40.76		ug/Kg		82	79 - 120
trans-1,3-Dichloropropene	50.0	45.11		ug/Kg		90	80 - 125
tert-Butylbenzene	50.0	49.10		ug/Kg		98	73 - 120
Tetrachloroethene	50.0	51.88		ug/Kg		104	69 - 124
Toluene	50.0	47.60		ug/Kg		95	80 - 120
Trichloroethene	50.0	49.09		ug/Kg		98	80 - 120
Trichlorofluoromethane	50.0	44.23		ug/Kg		88	52 - 161
Vinyl acetate	50.0	44.69		ug/Kg		89	71 - 133
Vinyl chloride	50.0	52.92		ug/Kg		106	77 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-220192/4-A
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220192

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*64 - 141*
4-Bromofluorobenzene (Surr)	*95*		*76 - 120*
Dibromofluoromethane (Surr)	*87*		*47 - 142*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 570-220192/5-A
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220192

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	49.07		ug/Kg		98	80 - 123	2	20
1,1,1-Trichloroethane			50.0	44.13		ug/Kg		88	80 - 121	2	20
1,1,2,2-Tetrachloroethane			50.0	42.72		ug/Kg		85	80 - 120	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	43.71		ug/Kg		87	79 - 120	1	20
1,1,2-Trichloroethane			50.0	43.67		ug/Kg		87	80 - 121	2	20
1,1-Dichloroethane			50.0	48.77		ug/Kg		98	80 - 120	2	20
1,1-Dichloroethene			50.0	49.81		ug/Kg		100	70 - 120	3	20
1,1-Dichloropropene			50.0	46.83		ug/Kg		94	77 - 123	2	20
1,2,3-Trichlorobenzene			50.0	60.74		ug/Kg		121	80 - 128	0	20
1,2,3-Trichloropropane			50.0	46.77		ug/Kg		94	80 - 120	3	20
1,2,4-Trichlorobenzene			50.0	58.55		ug/Kg		117	80 - 127	0	20
1,2,4-Trimethylbenzene			50.0	45.71		ug/Kg		91	80 - 120	1	20
1,2-Dibromo-3-Chloropropane			50.0	42.96		ug/Kg		86	59 - 120	3	20
1,2-Dibromoethane			50.0	48.30		ug/Kg		97	80 - 120	0	20
1,2-Dichlorobenzene			50.0	48.60		ug/Kg		97	80 - 120	2	20
1,2-Dichloroethane			50.0	46.07		ug/Kg		92	80 - 120	1	20
1,2-Dichloropropane			50.0	52.97		ug/Kg		106	78 - 126	1	20
1,3,5-Trimethylbenzene			50.0	48.93		ug/Kg		98	80 - 120	2	20
1,3-Dichlorobenzene			50.0	48.18		ug/Kg		96	80 - 120	1	20
1,3-Dichloropropane			50.0	44.92		ug/Kg		90	80 - 120	0	20
1,4-Dichlorobenzene			50.0	47.86		ug/Kg		96	80 - 120	3	20
2,2-Dichloropropane			50.0	42.72		ug/Kg		85	71 - 126	1	20
2-Butanone			50.0	53.61		ug/Kg		107	59 - 136	6	20
2-Chlorotoluene			50.0	46.30		ug/Kg		93	80 - 120	1	20
2-Hexanone			50.0	54.45		ug/Kg		109	45 - 137	3	20
4-Chlorotoluene			50.0	43.11		ug/Kg		86	80 - 120	2	20
4-Methyl-2-pentanone			50.0	58.50		ug/Kg		117	58 - 132	3	20
Acetone			50.0	57.25		ug/Kg		115	49 - 138	3	24
Benzene			50.0	46.52		ug/Kg		93	80 - 120	0	20
Bromobenzene			50.0	52.54		ug/Kg		105	80 - 120	1	20
Bromochloromethane			50.0	45.00		ug/Kg		90	80 - 122	4	20
Bromodichloromethane			50.0	47.22		ug/Kg		94	80 - 127	0	20
Bromoform			50.0	46.91		ug/Kg		94	73 - 125	2	20
Bromomethane			50.0	46.07		ug/Kg		92	53 - 180	0	20
cis-1,2-Dichloroethene			50.0	42.51		ug/Kg		85	80 - 121	0	20
cis-1,3-Dichloropropene			50.0	48.48		ug/Kg		97	80 - 122	3	20
Carbon disulfide			50.0	42.06		ug/Kg		84	76 - 120	3	20
Carbon tetrachloride			50.0	49.00		ug/Kg		98	80 - 125	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-220192/5-A
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220192

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene			50.0	49.12		ug/Kg		98	80 - 120	0	20
Chloroethane			50.0	51.21		ug/Kg		102	74 - 132	5	20
Chloroform			50.0	41.63		ug/Kg		83	75 - 128	1	20
Chloromethane			50.0	53.35		ug/Kg		107	40 - 135	2	20
Dibromochloromethane			50.0	48.90		ug/Kg		98	80 - 123	2	20
Dibromomethane			50.0	45.00		ug/Kg		90	80 - 121	1	20
Dichlorodifluoromethane			50.0	34.39		ug/Kg		69	40 - 126	6	20
Ethylbenzene			50.0	47.25		ug/Kg		95	80 - 120	1	20
Isopropylbenzene			50.0	49.41		ug/Kg		99	80 - 120	0	20
Methylene Chloride			50.0	43.00		ug/Kg		86	76 - 121	4	20
Methyl-t-Butyl Ether (MTBE)			50.0	44.70		ug/Kg		89	73 - 137	0	20
Naphthalene			50.0	54.72		ug/Kg		109	73 - 122	0	20
n-Butylbenzene			50.0	45.69		ug/Kg		91	76 - 120	3	20
N-Propylbenzene			50.0	47.25		ug/Kg		95	80 - 120	0	20
o-Xylene			50.0	47.21		ug/Kg		94	80 - 120	1	20
m,p-Xylene			100	92.58		ug/Kg		93	80 - 120	1	20
p-Isopropyltoluene			50.0	47.55		ug/Kg		95	80 - 120	2	20
sec-Butylbenzene			50.0	47.09		ug/Kg		94	75 - 120	2	20
Styrene			50.0	48.19		ug/Kg		96	80 - 120	1	20
trans-1,2-Dichloroethene			50.0	40.69		ug/Kg		81	79 - 120	0	20
trans-1,3-Dichloropropene			50.0	44.92		ug/Kg		90	80 - 125	0	20
tert-Butylbenzene			50.0	48.19		ug/Kg		96	73 - 120	2	20
Tetrachloroethene			50.0	50.54		ug/Kg		101	69 - 124	3	20
Toluene			50.0	48.07		ug/Kg		96	80 - 120	1	20
Trichloroethene			50.0	48.21		ug/Kg		96	80 - 120	2	20
Trichlorofluoromethane			50.0	45.73		ug/Kg		91	52 - 161	3	20
Vinyl acetate			50.0	46.53		ug/Kg		93	71 - 133	4	20
Vinyl chloride			50.0	55.33		ug/Kg		111	77 - 138	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*64 - 141*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*87*		*47 - 142*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 570-88311-A-1-E MS
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 220192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		49.3	47.14		ug/Kg		96	61 - 129
1,1,1-Trichloroethane	ND		49.3	43.37		ug/Kg		88	67 - 125
1,1,2,2-Tetrachloroethane	ND		49.3	44.19		ug/Kg		90	20 - 164
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.3	43.49		ug/Kg		88	62 - 125
1,1,2-Trichloroethane	ND		49.3	42.93		ug/Kg		87	52 - 134
1,1-Dichloroethane	ND		49.3	48.61		ug/Kg		99	66 - 125
1,1-Dichloroethene	ND		49.3	48.40		ug/Kg		98	60 - 125
1,1-Dichloropropene	ND		49.3	45.52		ug/Kg		92	69 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-88311-A-1-E MS
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 220192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		49.3	38.39		ug/Kg		78	20 - 145
1,2,3-Trichloropropane	ND		49.3	44.56		ug/Kg		90	53 - 128
1,2,4-Trichlorobenzene	ND		49.3	39.56		ug/Kg		80	20 - 146
1,2,4-Trimethylbenzene	ND		49.3	41.91		ug/Kg		85	51 - 129
1,2-Dibromo-3-Chloropropane	ND		49.3	43.58		ug/Kg		88	33 - 126
1,2-Dibromoethane	ND		49.3	47.24		ug/Kg		96	65 - 125
1,2-Dichlorobenzene	ND		49.3	42.78		ug/Kg		87	47 - 130
1,2-Dichloroethane	ND		49.3	47.27		ug/Kg		96	66 - 127
1,2-Dichloropropane	ND		49.3	52.26		ug/Kg		106	70 - 125
1,3,5-Trimethylbenzene	ND		49.3	42.18		ug/Kg		86	50 - 132
1,3-Dichlorobenzene	ND		49.3	42.65		ug/Kg		86	48 - 128
1,3-Dichloropropane	ND		49.3	45.50		ug/Kg		92	66 - 125
1,4-Dichlorobenzene	ND		49.3	42.38		ug/Kg		86	47 - 127
2,2-Dichloropropane	ND		49.3	43.53		ug/Kg		88	61 - 128
2-Butanone	ND		49.3	52.95		ug/Kg		107	48 - 134
2-Chlorotoluene	ND		49.3	40.48		ug/Kg		82	54 - 127
2-Hexanone	ND		49.3	55.12		ug/Kg		112	48 - 136
4-Chlorotoluene	ND		49.3	40.43		ug/Kg		82	54 - 125
4-Methyl-2-pentanone	ND		49.3	58.34		ug/Kg		118	55 - 133
Acetone	ND		49.3	62.49		ug/Kg		127	30 - 175
Benzene	ND		49.3	45.87		ug/Kg		93	70 - 125
Bromobenzene	ND		49.3	47.20		ug/Kg		96	57 - 129
Bromochloromethane	ND		49.3	45.16		ug/Kg		92	67 - 125
Bromodichloromethane	ND		49.3	46.81		ug/Kg		95	64 - 130
Bromoform	ND		49.3	47.97		ug/Kg		97	49 - 133
Bromomethane	ND		49.3	48.64		ug/Kg		99	30 - 149
cis-1,2-Dichloroethene	ND		49.3	42.37		ug/Kg		86	71 - 125
cis-1,3-Dichloropropene	ND		49.3	48.99		ug/Kg		99	63 - 126
Carbon disulfide	ND		49.3	40.62		ug/Kg		82	53 - 125
Carbon tetrachloride	ND		49.3	47.80		ug/Kg		97	60 - 130
Chlorobenzene	ND		49.3	45.89		ug/Kg		93	65 - 125
Chloroethane	ND		49.3	48.94		ug/Kg		99	51 - 131
Chloroform	ND		49.3	41.46		ug/Kg		84	70 - 125
Chloromethane	ND		49.3	51.88		ug/Kg		105	43 - 125
Dibromochloromethane	ND		49.3	47.70		ug/Kg		97	56 - 132
Dibromomethane	ND		49.3	46.54		ug/Kg		94	67 - 127
Dichlorodifluoromethane	ND		49.3	32.27		ug/Kg		65	47 - 127
Ethylbenzene	ND		49.3	43.30		ug/Kg		88	64 - 125
Isopropylbenzene	ND		49.3	44.52		ug/Kg		90	59 - 129
Methylene Chloride	ND		49.3	42.04		ug/Kg		85	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND		49.3	46.38		ug/Kg		94	61 - 125
Naphthalene	ND		49.3	43.69		ug/Kg		89	25 - 136
n-Butylbenzene	ND		49.3	38.35		ug/Kg		78	35 - 135
N-Propylbenzene	ND		49.3	41.01		ug/Kg		83	52 - 131
o-Xylene	ND		49.3	43.16		ug/Kg		88	59 - 128
m,p-Xylene	ND		98.6	84.60		ug/Kg		86	60 - 125
p-Isopropyltoluene	ND		49.3	41.82		ug/Kg		85	46 - 132
sec-Butylbenzene	ND		49.3	40.95		ug/Kg		83	47 - 131
Styrene	ND		49.3	44.25		ug/Kg		90	58 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-88311-A-1-E MS
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 220192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	ND		49.3	40.44		ug/Kg		82	67 - 125
trans-1,3-Dichloropropene	ND		49.3	43.97		ug/Kg		89	59 - 132
tert-Butylbenzene	ND		49.3	44.24		ug/Kg		90	53 - 126
Tetrachloroethene	ND		49.3	47.14		ug/Kg		96	62 - 129
Toluene	ND		49.3	46.17		ug/Kg		94	68 - 125
Trichloroethene	ND		49.3	47.84		ug/Kg		97	41 - 169
Trichlorofluoromethane	ND		49.3	44.65		ug/Kg		91	63 - 128
Vinyl acetate	ND	F2	49.3	28.24		ug/Kg		57	20 - 154
Vinyl chloride	ND		49.3	52.69		ug/Kg		107	59 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 141*
4-Bromofluorobenzene (Surr)	*95*		*76 - 120*
Dibromofluoromethane (Surr)	*89*		*47 - 142*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 570-88311-A-1-F MSD
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 220192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		49.9	41.15		ug/Kg		82	61 - 129	14	23
1,1,1-Trichloroethane	ND		49.9	39.75		ug/Kg		80	67 - 125	9	20
1,1,2,2-Tetrachloroethane	ND		49.9	37.79		ug/Kg		76	20 - 164	16	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.9	39.08		ug/Kg		78	62 - 125	11	20
1,1,2-Trichloroethane	ND		49.9	38.66		ug/Kg		77	52 - 134	10	25
1,1-Dichloroethane	ND		49.9	44.90		ug/Kg		90	66 - 125	8	20
1,1-Dichloroethene	ND		49.9	45.54		ug/Kg		91	60 - 125	6	20
1,1-Dichloropropene	ND		49.9	39.75		ug/Kg		80	69 - 125	14	20
1,2,3-Trichlorobenzene	ND		49.9	28.27		ug/Kg		57	20 - 145	30	39
1,2,3-Trichloropropane	ND		49.9	41.45		ug/Kg		83	53 - 128	7	25
1,2,4-Trichlorobenzene	ND		49.9	29.13		ug/Kg		58	20 - 146	30	38
1,2,4-Trimethylbenzene	ND		49.9	35.02		ug/Kg		70	51 - 129	18	27
1,2-Dibromo-3-Chloropropane	ND		49.9	39.17		ug/Kg		79	33 - 126	11	29
1,2-Dibromoethane	ND		49.9	42.84		ug/Kg		86	65 - 125	10	21
1,2-Dichlorobenzene	ND		49.9	35.30		ug/Kg		71	47 - 130	19	29
1,2-Dichloroethane	ND		49.9	44.44		ug/Kg		89	66 - 127	6	20
1,2-Dichloropropane	ND		49.9	48.20		ug/Kg		97	70 - 125	8	20
1,3,5-Trimethylbenzene	ND		49.9	36.04		ug/Kg		72	50 - 132	16	29
1,3-Dichlorobenzene	ND		49.9	35.06		ug/Kg		70	48 - 128	20	28
1,3-Dichloropropane	ND		49.9	40.41		ug/Kg		81	66 - 125	12	20
1,4-Dichlorobenzene	ND		49.9	35.66		ug/Kg		71	47 - 127	17	28
2,2-Dichloropropane	ND		49.9	40.44		ug/Kg		81	61 - 128	7	20
2-Butanone	ND		49.9	48.10		ug/Kg		96	48 - 134	10	24
2-Chlorotoluene	ND		49.9	35.30		ug/Kg		71	54 - 127	14	27
2-Hexanone	ND		49.9	49.92		ug/Kg		100	48 - 136	10	28
4-Chlorotoluene	ND		49.9	34.14		ug/Kg		68	54 - 125	17	26
4-Methyl-2-pentanone	ND		49.9	53.81		ug/Kg		108	55 - 133	8	23

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-88311-A-1-F MSD
Matrix: Solid
Analysis Batch: 220282

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 220192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		49.9	55.81		ug/Kg		112	30 - 175	11	30
Benzene	ND		49.9	41.90		ug/Kg		84	70 - 125	9	20
Bromobenzene	ND		49.9	41.52		ug/Kg		83	57 - 129	13	26
Bromochloromethane	ND		49.9	42.74		ug/Kg		86	67 - 125	6	20
Bromodichloromethane	ND		49.9	43.84		ug/Kg		88	64 - 130	7	20
Bromoform	ND		49.9	39.85		ug/Kg		80	49 - 133	18	27
Bromomethane	ND		49.9	44.00		ug/Kg		88	30 - 149	10	31
cis-1,2-Dichloroethene	ND		49.9	39.16		ug/Kg		78	71 - 125	8	20
cis-1,3-Dichloropropene	ND		49.9	43.58		ug/Kg		87	63 - 126	12	20
Carbon disulfide	ND		49.9	38.20		ug/Kg		77	53 - 125	6	20
Carbon tetrachloride	ND		49.9	42.96		ug/Kg		86	60 - 130	11	20
Chlorobenzene	ND		49.9	41.59		ug/Kg		83	65 - 125	10	22
Chloroethane	ND		49.9	47.21		ug/Kg		95	51 - 131	4	21
Chloroform	ND		49.9	38.12		ug/Kg		76	70 - 125	8	20
Chloromethane	ND		49.9	49.58		ug/Kg		99	43 - 125	5	21
Dibromochloromethane	ND		49.9	41.26		ug/Kg		83	56 - 132	14	24
Dibromomethane	ND		49.9	43.45		ug/Kg		87	67 - 127	7	20
Dichlorodifluoromethane	ND		49.9	29.31		ug/Kg		59	47 - 127	10	20
Ethylbenzene	ND		49.9	39.03		ug/Kg		78	64 - 125	10	22
Isopropylbenzene	ND		49.9	38.24		ug/Kg		77	59 - 129	15	26
Methylene Chloride	ND		49.9	40.48		ug/Kg		81	60 - 125	4	20
Methyl-t-Butyl Ether (MTBE)	ND		49.9	40.32		ug/Kg		81	61 - 125	14	20
Naphthalene	ND		49.9	35.12		ug/Kg		70	25 - 136	22	32
n-Butylbenzene	ND		49.9	29.90		ug/Kg		60	35 - 135	25	35
N-Propylbenzene	ND		49.9	34.57		ug/Kg		69	52 - 131	17	27
o-Xylene	ND		49.9	39.19		ug/Kg		79	59 - 128	10	24
m,p-Xylene	ND		99.8	76.27		ug/Kg		76	60 - 125	10	24
p-Isopropyltoluene	ND		49.9	33.92		ug/Kg		68	46 - 132	21	30
sec-Butylbenzene	ND		49.9	33.10		ug/Kg		66	47 - 131	21	30
Styrene	ND		49.9	39.58		ug/Kg		79	58 - 128	11	24
trans-1,2-Dichloroethene	ND		49.9	36.51		ug/Kg		73	67 - 125	10	20
trans-1,3-Dichloropropene	ND		49.9	38.67		ug/Kg		78	59 - 132	13	22
tert-Butylbenzene	ND		49.9	36.63		ug/Kg		73	53 - 126	19	28
Tetrachloroethene	ND		49.9	41.05		ug/Kg		82	62 - 129	14	21
Toluene	ND		49.9	43.19		ug/Kg		87	68 - 125	7	20
Trichloroethene	ND		49.9	43.43		ug/Kg		87	41 - 169	10	21
Trichlorofluoromethane	ND		49.9	41.25		ug/Kg		83	63 - 128	8	20
Vinyl acetate	ND	F2	49.9	11.13	F2	ug/Kg		22	20 - 154	87	40
Vinyl chloride	ND		49.9	50.66		ug/Kg		102	59 - 125	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 141*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*
Dibromofluoromethane (Surr)	*87*		*47 - 142*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-221166/8
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			03/21/22 21:57	1
1,1,1-Trichloroethane	ND		1.0		ug/L			03/21/22 21:57	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			03/21/22 21:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/L			03/21/22 21:57	1
1,1,2-Trichloroethane	ND		1.0		ug/L			03/21/22 21:57	1
1,1-Dichloroethane	ND		1.0		ug/L			03/21/22 21:57	1
1,1-Dichloroethene	ND		1.0		ug/L			03/21/22 21:57	1
1,1-Dichloropropene	ND		1.0		ug/L			03/21/22 21:57	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			03/21/22 21:57	1
1,2,3-Trichloropropane	ND		5.0		ug/L			03/21/22 21:57	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			03/21/22 21:57	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			03/21/22 21:57	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/21/22 21:57	1
1,2-Dibromoethane	ND		1.0		ug/L			03/21/22 21:57	1
1,2-Dichlorobenzene	ND		1.0		ug/L			03/21/22 21:57	1
1,2-Dichloroethane	ND		0.50		ug/L			03/21/22 21:57	1
1,2-Dichloropropane	ND		1.0		ug/L			03/21/22 21:57	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			03/21/22 21:57	1
1,3-Dichlorobenzene	ND		1.0		ug/L			03/21/22 21:57	1
1,3-Dichloropropane	ND		1.0		ug/L			03/21/22 21:57	1
1,4-Dichlorobenzene	ND		1.0		ug/L			03/21/22 21:57	1
2,2-Dichloropropane	ND		1.0		ug/L			03/21/22 21:57	1
2-Butanone	ND		20		ug/L			03/21/22 21:57	1
2-Chlorotoluene	ND		1.0		ug/L			03/21/22 21:57	1
2-Hexanone	ND		10		ug/L			03/21/22 21:57	1
4-Chlorotoluene	ND		1.0		ug/L			03/21/22 21:57	1
4-Methyl-2-pentanone	ND		10		ug/L			03/21/22 21:57	1
Acetone	ND		20		ug/L			03/21/22 21:57	1
Benzene	ND		0.50		ug/L			03/21/22 21:57	1
Bromobenzene	ND		1.0		ug/L			03/21/22 21:57	1
Bromochloromethane	ND		2.0		ug/L			03/21/22 21:57	1
Bromodichloromethane	ND		1.0		ug/L			03/21/22 21:57	1
Bromoform	ND		5.0		ug/L			03/21/22 21:57	1
Bromomethane	ND		25		ug/L			03/21/22 21:57	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			03/21/22 21:57	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/21/22 21:57	1
Carbon disulfide	ND		10		ug/L			03/21/22 21:57	1
Carbon tetrachloride	ND		0.50		ug/L			03/21/22 21:57	1
Chlorobenzene	ND		1.0		ug/L			03/21/22 21:57	1
Chloroethane	ND		5.0		ug/L			03/21/22 21:57	1
Chloroform	ND		1.0		ug/L			03/21/22 21:57	1
Chloromethane	ND		10		ug/L			03/21/22 21:57	1
Dibromochloromethane	ND		2.0		ug/L			03/21/22 21:57	1
Dibromomethane	ND		1.0		ug/L			03/21/22 21:57	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/21/22 21:57	1
Ethylbenzene	ND		1.0		ug/L			03/21/22 21:57	1
Isopropylbenzene	ND		1.0		ug/L			03/21/22 21:57	1
Methylene Chloride	ND		10		ug/L			03/21/22 21:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-221166/8
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			03/21/22 21:57	1
Naphthalene	ND		10		ug/L			03/21/22 21:57	1
n-Butylbenzene	ND		1.0		ug/L			03/21/22 21:57	1
N-Propylbenzene	ND		1.0		ug/L			03/21/22 21:57	1
o-Xylene	ND		1.0		ug/L			03/21/22 21:57	1
m,p-Xylene	ND		2.0		ug/L			03/21/22 21:57	1
p-Isopropyltoluene	ND		1.0		ug/L			03/21/22 21:57	1
sec-Butylbenzene	ND		1.0		ug/L			03/21/22 21:57	1
Styrene	ND		1.0		ug/L			03/21/22 21:57	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			03/21/22 21:57	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/21/22 21:57	1
tert-Butylbenzene	ND		1.0		ug/L			03/21/22 21:57	1
Tetrachloroethene	ND		1.0		ug/L			03/21/22 21:57	1
Toluene	ND		1.0		ug/L			03/21/22 21:57	1
Trichloroethene	ND		1.0		ug/L			03/21/22 21:57	1
Trichlorofluoromethane	ND		10		ug/L			03/21/22 21:57	1
Vinyl acetate	ND		10		ug/L			03/21/22 21:57	1
Vinyl chloride	ND		0.50		ug/L			03/21/22 21:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*		*03/21/22 21:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/21/22 21:57*	*1*
Dibromofluoromethane (Surr)	*100*		*78 - 120*		*03/21/22 21:57*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/21/22 21:57*	*1*

Lab Sample ID: LCS 570-221166/4
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	61.06		ug/L		122	80 - 128
1,1,1-Trichloroethane	50.0	57.34		ug/L		115	76 - 122
1,1,2,2-Tetrachloroethane	50.0	54.62		ug/L		109	79 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.45		ug/L		107	53 - 122
1,1,2-Trichloroethane	50.0	51.96		ug/L		104	80 - 120
1,1-Dichloroethane	50.0	53.17		ug/L		106	72 - 120
1,1-Dichloroethene	50.0	53.51		ug/L		107	64 - 121
1,1-Dichloropropene	50.0	52.19		ug/L		104	77 - 120
1,2,3-Trichlorobenzene	50.0	49.99		ug/L		100	78 - 136
1,2,3-Trichloropropane	50.0	55.07		ug/L		110	74 - 120
1,2,4-Trichlorobenzene	50.0	49.56		ug/L		99	73 - 138
1,2,4-Trimethylbenzene	50.0	53.49		ug/L		107	80 - 121
1,2-Dibromo-3-Chloropropane	50.0	60.23		ug/L		120	74 - 120
1,2-Dibromoethane	50.0	54.47		ug/L		109	80 - 120
1,2-Dichlorobenzene	50.0	52.11		ug/L		104	80 - 120
1,2-Dichloroethane	50.0	50.11		ug/L		100	76 - 120
1,2-Dichloropropane	50.0	51.94		ug/L		104	73 - 122
1,3,5-Trimethylbenzene	50.0	51.60		ug/L		103	80 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-221166/4
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	51.54		ug/L		103	80 - 120
1,3-Dichloropropane	50.0	50.88		ug/L		102	80 - 120
1,4-Dichlorobenzene	50.0	50.93		ug/L		102	80 - 120
2,2-Dichloropropane	50.0	67.87		ug/L		136	60 - 150
2-Butanone	50.0	52.14		ug/L		104	65 - 128
2-Chlorotoluene	50.0	50.62		ug/L		101	79 - 120
2-Hexanone	50.0	55.08		ug/L		110	61 - 140
4-Chlorotoluene	50.0	52.48		ug/L		105	80 - 120
4-Methyl-2-pentanone	50.0	55.11		ug/L		110	68 - 133
Acetone	50.0	50.87		ug/L		102	50 - 134
Benzene	50.0	50.63		ug/L		101	76 - 120
Bromobenzene	50.0	51.95		ug/L		104	80 - 125
Bromochloromethane	50.0	50.62		ug/L		101	79 - 120
Bromodichloromethane	50.0	58.02		ug/L		116	80 - 123
Bromoform	50.0	67.55	*+ me	ug/L		135	80 - 128
Bromomethane	20.0	20.47	J	ug/L		102	64 - 150
cis-1,2-Dichloroethene	50.0	53.12		ug/L		106	80 - 120
cis-1,3-Dichloropropene	50.0	57.89		ug/L		116	75 - 133
Carbon disulfide	50.0	53.25		ug/L		106	67 - 126
Carbon tetrachloride	50.0	63.03		ug/L		126	80 - 127
Chlorobenzene	50.0	51.33		ug/L		103	80 - 120
Chloroethane	20.0	21.96		ug/L		110	67 - 128
Chloroform	50.0	52.52		ug/L		105	80 - 120
Chloromethane	20.0	24.66		ug/L		123	69 - 132
Dibromochloromethane	50.0	63.57		ug/L		127	79 - 130
Dibromomethane	50.0	52.41		ug/L		105	80 - 120
Dichlorodifluoromethane	20.0	38.17	*+	ug/L		191	60 - 138
Ethylbenzene	50.0	52.22		ug/L		104	80 - 120
Isopropylbenzene	50.0	51.60		ug/L		103	80 - 123
Methylene Chloride	50.0	49.86		ug/L		100	62 - 133
Methyl-t-Butyl Ether (MTBE)	50.0	51.38		ug/L		103	64 - 120
Naphthalene	50.0	51.01		ug/L		102	80 - 120
n-Butylbenzene	50.0	50.67		ug/L		101	76 - 128
N-Propylbenzene	50.0	50.29		ug/L		101	80 - 122
o-Xylene	50.0	52.11		ug/L		104	80 - 121
m,p-Xylene	100	102.7		ug/L		103	74 - 122
p-Isopropyltoluene	50.0	52.34		ug/L		105	78 - 125
sec-Butylbenzene	50.0	51.50		ug/L		103	78 - 125
Styrene	50.0	53.64		ug/L		107	80 - 124
trans-1,2-Dichloroethene	50.0	52.79		ug/L		106	73 - 120
trans-1,3-Dichloropropene	50.0	61.57		ug/L		123	80 - 132
tert-Butylbenzene	50.0	51.35		ug/L		103	76 - 132
Tetrachloroethene	50.0	53.14		ug/L		106	72 - 135
Toluene	50.0	51.87		ug/L		104	76 - 120
Trichloroethene	50.0	52.85		ug/L		106	80 - 122
Trichlorofluoromethane	20.0	17.22		ug/L		86	69 - 139
Vinyl acetate	50.0	60.14		ug/L		120	74 - 147
Vinyl chloride	20.0	20.69		ug/L		103	70 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-221166/4
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*78 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-221166/5
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	58.16		ug/L		116	80 - 128	5	20
1,1,1-Trichloroethane			50.0	54.45		ug/L		109	76 - 122	5	20
1,1,2,2-Tetrachloroethane			50.0	52.29		ug/L		105	79 - 120	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	49.57		ug/L		99	53 - 122	8	20
1,1,2-Trichloroethane			50.0	50.48		ug/L		101	80 - 120	3	20
1,1-Dichloroethane			50.0	50.36		ug/L		101	72 - 120	5	20
1,1-Dichloroethene			50.0	49.92		ug/L		100	64 - 121	7	20
1,1-Dichloropropene			50.0	48.77		ug/L		98	77 - 120	7	20
1,2,3-Trichlorobenzene			50.0	48.27		ug/L		97	78 - 136	4	20
1,2,3-Trichloropropane			50.0	53.36		ug/L		107	74 - 120	3	20
1,2,4-Trichlorobenzene			50.0	47.39		ug/L		95	73 - 138	4	20
1,2,4-Trimethylbenzene			50.0	50.77		ug/L		102	80 - 121	5	20
1,2-Dibromo-3-Chloropropane			50.0	58.07		ug/L		116	74 - 120	4	20
1,2-Dibromoethane			50.0	52.23		ug/L		104	80 - 120	4	20
1,2-Dichlorobenzene			50.0	49.58		ug/L		99	80 - 120	5	20
1,2-Dichloroethane			50.0	48.41		ug/L		97	76 - 120	3	20
1,2-Dichloropropane			50.0	49.95		ug/L		100	73 - 122	4	20
1,3,5-Trimethylbenzene			50.0	48.82		ug/L		98	80 - 122	6	20
1,3-Dichlorobenzene			50.0	49.05		ug/L		98	80 - 120	5	20
1,3-Dichloropropane			50.0	49.48		ug/L		99	80 - 120	3	20
1,4-Dichlorobenzene			50.0	48.16		ug/L		96	80 - 120	6	20
2,2-Dichloropropane			50.0	62.60		ug/L		125	60 - 150	8	20
2-Butanone			50.0	52.35		ug/L		105	65 - 128	0	20
2-Chlorotoluene			50.0	47.78		ug/L		96	79 - 120	6	20
2-Hexanone			50.0	52.45		ug/L		105	61 - 140	5	20
4-Chlorotoluene			50.0	49.57		ug/L		99	80 - 120	6	20
4-Methyl-2-pentanone			50.0	53.59		ug/L		107	68 - 133	3	20
Acetone			50.0	50.34		ug/L		101	50 - 134	1	25
Benzene			50.0	47.81		ug/L		96	76 - 120	6	20
Bromobenzene			50.0	49.83		ug/L		100	80 - 125	4	20
Bromochloromethane			50.0	48.52		ug/L		97	79 - 120	4	20
Bromodichloromethane			50.0	55.68		ug/L		111	80 - 123	4	20
Bromoform			50.0	64.88	*+ me	ug/L		130	80 - 128	4	20
Bromomethane			20.0	19.31	J	ug/L		97	64 - 150	6	20
cis-1,2-Dichloroethene			50.0	50.71		ug/L		101	80 - 120	5	20
cis-1,3-Dichloropropene			50.0	55.88		ug/L		112	75 - 133	4	20
Carbon disulfide			50.0	49.24		ug/L		98	67 - 126	8	20
Carbon tetrachloride			50.0	58.51		ug/L		117	80 - 127	7	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-221166/5
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	50.0	48.71		ug/L		97	80 - 120	5	20
Chloroethane	20.0	20.93		ug/L		105	67 - 128	5	20
Chloroform	50.0	49.93		ug/L		100	80 - 120	5	20
Chloromethane	20.0	22.80		ug/L		114	69 - 132	8	20
Dibromochloromethane	50.0	61.60		ug/L		123	79 - 130	3	20
Dibromomethane	50.0	50.92		ug/L		102	80 - 120	3	20
Dichlorodifluoromethane	20.0	34.28	*+	ug/L		171	60 - 138	11	21
Ethylbenzene	50.0	49.36		ug/L		99	80 - 120	6	20
Isopropylbenzene	50.0	48.31		ug/L		97	80 - 123	7	20
Methylene Chloride	50.0	47.84		ug/L		96	62 - 133	4	20
Methyl-t-Butyl Ether (MTBE)	50.0	50.40		ug/L		101	64 - 120	2	20
Naphthalene	50.0	48.92		ug/L		98	80 - 120	4	20
n-Butylbenzene	50.0	46.76		ug/L		94	76 - 128	8	20
N-Propylbenzene	50.0	47.53		ug/L		95	80 - 122	6	20
o-Xylene	50.0	49.59		ug/L		99	80 - 121	5	20
m,p-Xylene	100	96.92		ug/L		97	74 - 122	6	20
p-Isopropyltoluene	50.0	48.69		ug/L		97	78 - 125	7	20
sec-Butylbenzene	50.0	47.97		ug/L		96	78 - 125	7	20
Styrene	50.0	50.95		ug/L		102	80 - 124	5	20
trans-1,2-Dichloroethene	50.0	48.88		ug/L		98	73 - 120	8	20
trans-1,3-Dichloropropene	50.0	58.78		ug/L		118	80 - 132	5	20
tert-Butylbenzene	50.0	48.02		ug/L		96	76 - 132	7	20
Tetrachloroethene	50.0	50.00		ug/L		100	72 - 135	6	20
Toluene	50.0	49.05		ug/L		98	76 - 120	6	20
Trichloroethene	50.0	50.00		ug/L		100	80 - 122	6	20
Trichlorofluoromethane	20.0	17.37		ug/L		87	69 - 139	1	20
Vinyl acetate	50.0	58.42		ug/L		117	74 - 147	3	20
Vinyl chloride	20.0	18.72		ug/L		94	70 - 124	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 570-87521-A-1 MS
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		50.0	59.56		ug/L		119	75 - 138
1,1,1-Trichloroethane	ND		50.0	55.58		ug/L		111	69 - 127
1,1,2,2-Tetrachloroethane	ND		50.0	56.51		ug/L		113	75 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	45.03		ug/L		90	50 - 125
1,1,2-Trichloroethane	ND		50.0	53.60		ug/L		107	75 - 125
1,1-Dichloroethane	ND		50.0	53.36		ug/L		107	75 - 125
1,1-Dichloroethene	ND		50.0	54.36		ug/L		109	57 - 135
1,1-Dichloropropene	ND		50.0	52.68		ug/L		105	73 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87521-A-1 MS
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		50.0	49.42		ug/L		99	73 - 136
1,2,3-Trichloropropane	ND		50.0	57.49		ug/L		115	75 - 125
1,2,4-Trichlorobenzene	ND		50.0	47.48		ug/L		95	69 - 136
1,2,4-Trimethylbenzene	ND		50.0	51.58		ug/L		103	75 - 131
1,2-Dibromo-3-Chloropropane	ND	F1	50.0	61.33		ug/L		123	65 - 128
1,2-Dibromoethane	ND		50.0	55.80		ug/L		112	75 - 125
1,2-Dichlorobenzene	ND		50.0	51.05		ug/L		102	75 - 125
1,2-Dichloroethane	ND		50.0	52.79		ug/L		106	75 - 127
1,2-Dichloropropane	ND		50.0	52.73		ug/L		105	75 - 126
1,3,5-Trimethylbenzene	ND		50.0	51.88		ug/L		104	75 - 129
1,3-Dichlorobenzene	ND		50.0	49.65		ug/L		99	75 - 125
1,3-Dichloropropane	ND		50.0	52.83		ug/L		106	75 - 126
1,4-Dichlorobenzene	ND		50.0	49.52		ug/L		99	75 - 125
2,2-Dichloropropane	ND		50.0	50.82		ug/L		102	51 - 141
2-Butanone	ND		50.0	59.78		ug/L		120	61 - 137
2-Chlorotoluene	ND		50.0	50.57		ug/L		101	75 - 125
2-Hexanone	ND		50.0	60.96		ug/L		122	60 - 155
4-Chlorotoluene	ND		50.0	50.33		ug/L		101	75 - 130
4-Methyl-2-pentanone	ND		50.0	60.30		ug/L		121	66 - 138
Acetone	ND		50.0	56.95		ug/L		114	49 - 133
Benzene	ND		50.0	51.73		ug/L		103	75 - 125
Bromobenzene	ND		50.0	52.84		ug/L		106	75 - 127
Bromochloromethane	ND		50.0	51.60		ug/L		103	72 - 125
Bromodichloromethane	ND		50.0	58.27		ug/L		117	75 - 129
Bromoform	ND	*+	50.0	64.20		ug/L		128	65 - 146
Bromomethane	ND		50.0	52.93		ug/L		106	51 - 146
cis-1,2-Dichloroethene	ND		50.0	53.93		ug/L		108	57 - 142
cis-1,3-Dichloropropene	ND		50.0	55.08		ug/L		110	73 - 128
Carbon disulfide	ND		50.0	52.54		ug/L		105	67 - 129
Carbon tetrachloride	ND		50.0	59.38		ug/L		119	68 - 137
Chlorobenzene	ND		50.0	51.90		ug/L		104	75 - 125
Chloroethane	ND		50.0	59.48		ug/L		119	60 - 145
Chloroform	ND		50.0	52.86		ug/L		106	75 - 125
Chloromethane	ND	F1	50.0	71.83	F1	ug/L		144	56 - 142
Dibromochloromethane	ND		50.0	62.33		ug/L		125	74 - 140
Dibromomethane	ND		50.0	55.08		ug/L		110	75 - 125
Dichlorodifluoromethane	ND	*+ F1	50.0	76.44	F1	ug/L		153	51 - 128
Ethylbenzene	ND		50.0	52.42		ug/L		105	75 - 127
Isopropylbenzene	ND		50.0	51.95		ug/L		104	75 - 130
Methylene Chloride	ND		50.0	50.86		ug/L		102	70 - 125
Methyl-t-Butyl Ether (MTBE)	ND		50.0	48.87		ug/L		98	65 - 125
Naphthalene	ND		50.0	52.39		ug/L		105	75 - 134
n-Butylbenzene	ND		50.0	47.82		ug/L		96	71 - 137
N-Propylbenzene	ND		50.0	50.79		ug/L		102	75 - 129
o-Xylene	ND		50.0	52.21		ug/L		104	75 - 128
m,p-Xylene	ND		100	103.2		ug/L		103	75 - 128
p-Isopropyltoluene	ND		50.0	50.10		ug/L		100	74 - 135
sec-Butylbenzene	ND		50.0	50.03		ug/L		100	75 - 132
Styrene	ND		50.0	53.44		ug/L		107	75 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87521-A-1 MS
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	ND		50.0	52.67		ug/L		105	70 - 125
trans-1,3-Dichloropropene	ND		50.0	57.55		ug/L		115	69 - 144
tert-Butylbenzene	ND		50.0	49.79		ug/L		100	75 - 132
Tetrachloroethene	ND		50.0	53.65		ug/L		107	54 - 149
Toluene	ND		50.0	52.78		ug/L		106	75 - 125
Trichloroethene	ND		50.0	53.91		ug/L		108	68 - 128
Trichlorofluoromethane	ND		50.0	53.54		ug/L		107	54 - 150
Vinyl acetate	ND		50.0	51.02		ug/L		102	50 - 150
Vinyl chloride	ND		50.0	53.76		ug/L		108	58 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 123*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 570-87521-A-1 MSD
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	61.22		ug/L		122	75 - 138	3	20
1,1,1-Trichloroethane	ND		50.0	59.09		ug/L		118	69 - 127	6	20
1,1,2,2-Tetrachloroethane	ND		50.0	59.35		ug/L		119	75 - 133	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50.0	46.30		ug/L		93	50 - 125	3	20
1,1,2-Trichloroethane	ND		50.0	54.39		ug/L		109	75 - 125	1	20
1,1-Dichloroethane	ND		50.0	54.00		ug/L		108	75 - 125	1	20
1,1-Dichloroethene	ND		50.0	55.95		ug/L		112	57 - 135	3	20
1,1-Dichloropropene	ND		50.0	53.67		ug/L		107	73 - 125	2	20
1,2,3-Trichlorobenzene	ND		50.0	53.66		ug/L		107	73 - 136	8	20
1,2,3-Trichloropropane	ND		50.0	58.91		ug/L		118	75 - 125	2	20
1,2,4-Trichlorobenzene	ND		50.0	51.51		ug/L		103	69 - 136	8	20
1,2,4-Trimethylbenzene	ND		50.0	55.06		ug/L		110	75 - 131	7	20
1,2-Dibromo-3-Chloropropane	ND	F1	50.0	64.33	F1	ug/L		129	65 - 128	5	20
1,2-Dibromoethane	ND		50.0	57.18		ug/L		114	75 - 125	2	20
1,2-Dichlorobenzene	ND		50.0	54.02		ug/L		108	75 - 125	6	20
1,2-Dichloroethane	ND		50.0	52.82		ug/L		106	75 - 127	0	20
1,2-Dichloropropane	ND		50.0	53.54		ug/L		107	75 - 126	2	20
1,3,5-Trimethylbenzene	ND		50.0	53.68		ug/L		107	75 - 129	3	20
1,3-Dichlorobenzene	ND		50.0	53.12		ug/L		106	75 - 125	7	20
1,3-Dichloropropane	ND		50.0	53.72		ug/L		107	75 - 126	2	20
1,4-Dichlorobenzene	ND		50.0	52.52		ug/L		105	75 - 125	6	20
2,2-Dichloropropane	ND		50.0	53.59		ug/L		107	51 - 141	5	20
2-Butanone	ND		50.0	60.00		ug/L		120	61 - 137	0	20
2-Chlorotoluene	ND		50.0	52.33		ug/L		105	75 - 125	3	20
2-Hexanone	ND		50.0	62.79		ug/L		126	60 - 155	3	20
4-Chlorotoluene	ND		50.0	54.16		ug/L		108	75 - 130	7	20
4-Methyl-2-pentanone	ND		50.0	62.00		ug/L		124	66 - 138	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87521-A-1 MSD
Matrix: Water
Analysis Batch: 221166

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		50.0	60.88		ug/L		122	49 - 133	7	20
Benzene	ND		50.0	52.62		ug/L		105	75 - 125	2	20
Bromobenzene	ND		50.0	53.80		ug/L		108	75 - 127	2	20
Bromochloromethane	ND		50.0	52.20		ug/L		104	72 - 125	1	20
Bromodichloromethane	ND		50.0	59.76		ug/L		120	75 - 129	3	20
Bromoform	ND	*+	50.0	68.85		ug/L		138	65 - 146	7	20
Bromomethane	ND		50.0	52.67		ug/L		105	51 - 146	0	23
cis-1,2-Dichloroethene	ND		50.0	54.81		ug/L		110	57 - 142	2	20
cis-1,3-Dichloropropene	ND		50.0	56.20		ug/L		112	73 - 128	2	20
Carbon disulfide	ND		50.0	53.86		ug/L		108	67 - 129	2	20
Carbon tetrachloride	ND		50.0	63.38		ug/L		127	68 - 137	7	20
Chlorobenzene	ND		50.0	53.37		ug/L		107	75 - 125	3	20
Chloroethane	ND		50.0	59.61		ug/L		119	60 - 145	0	20
Chloroform	ND		50.0	53.94		ug/L		108	75 - 125	2	20
Chloromethane	ND	F1	50.0	72.86	F1	ug/L		146	56 - 142	1	20
Dibromochloromethane	ND		50.0	65.15		ug/L		130	74 - 140	4	20
Dibromomethane	ND		50.0	55.18		ug/L		110	75 - 125	0	20
Dichlorodifluoromethane	ND	*+ F1	50.0	80.26	E F1	ug/L		161	51 - 128	5	20
Ethylbenzene	ND		50.0	54.29		ug/L		109	75 - 127	4	20
Isopropylbenzene	ND		50.0	53.65		ug/L		107	75 - 130	3	20
Methylene Chloride	ND		50.0	51.47		ug/L		103	70 - 125	1	20
Methyl-t-Butyl Ether (MTBE)	ND		50.0	50.79		ug/L		102	65 - 125	4	20
Naphthalene	ND		50.0	55.68		ug/L		111	75 - 134	6	20
n-Butylbenzene	ND		50.0	51.88		ug/L		104	71 - 137	8	20
N-Propylbenzene	ND		50.0	52.35		ug/L		105	75 - 129	3	20
o-Xylene	ND		50.0	54.16		ug/L		108	75 - 128	4	20
m,p-Xylene	ND		100	106.1		ug/L		106	75 - 128	3	20
p-Isopropyltoluene	ND		50.0	53.89		ug/L		108	74 - 135	7	20
sec-Butylbenzene	ND		50.0	53.60		ug/L		107	75 - 132	7	20
Styrene	ND		50.0	55.10		ug/L		110	75 - 129	3	20
trans-1,2-Dichloroethene	ND		50.0	52.95		ug/L		106	70 - 125	1	20
trans-1,3-Dichloropropene	ND		50.0	59.76		ug/L		120	69 - 144	4	20
tert-Butylbenzene	ND		50.0	53.86		ug/L		108	75 - 132	8	20
Tetrachloroethene	ND		50.0	55.42		ug/L		111	54 - 149	3	20
Toluene	ND		50.0	53.75		ug/L		108	75 - 125	2	20
Trichloroethene	ND		50.0	54.73		ug/L		109	68 - 128	2	20
Trichlorofluoromethane	ND		50.0	53.99		ug/L		108	54 - 150	1	20
Vinyl acetate	ND		50.0	53.74		ug/L		107	50 - 150	5	20
Vinyl chloride	ND		50.0	54.07		ug/L		108	58 - 140	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Marginal Exceedance (ME) Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-221166/4
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	61.06		ug/L	122	80 - 128	72 - 136	
1,1,1-Trichloroethane	50.0	57.34		ug/L	115	76 - 122	68 - 130	
1,1,2,2-Tetrachloroethane	50.0	54.62		ug/L	109	79 - 120	72 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.45		ug/L	107	53 - 122	42 - 134	
1,1,2-Trichloroethane	50.0	51.96		ug/L	104	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	53.17		ug/L	106	72 - 120	64 - 128	
1,1-Dichloroethene	50.0	53.51		ug/L	107	64 - 121	55 - 131	
1,1-Dichloropropene	50.0	52.19		ug/L	104	77 - 120	70 - 127	
1,2,3-Trichlorobenzene	50.0	49.99		ug/L	100	78 - 136	68 - 146	
1,2,3-Trichloropropane	50.0	55.07		ug/L	110	74 - 120	66 - 128	
1,2,4-Trichlorobenzene	50.0	49.56		ug/L	99	73 - 138	62 - 149	
1,2,4-Trimethylbenzene	50.0	53.49		ug/L	107	80 - 121	73 - 128	
1,2-Dibromo-3-Chloropropane	50.0	60.23		ug/L	120	74 - 120	66 - 128	
1,2-Dibromoethane	50.0	54.47		ug/L	109	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	52.11		ug/L	104	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	50.11		ug/L	100	76 - 120	69 - 127	
1,2-Dichloropropane	50.0	51.94		ug/L	104	73 - 122	65 - 130	
1,3,5-Trimethylbenzene	50.0	51.60		ug/L	103	80 - 122	73 - 129	
1,3-Dichlorobenzene	50.0	51.54		ug/L	103	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	50.88		ug/L	102	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	50.93		ug/L	102	80 - 120	73 - 127	
2,2-Dichloropropane	50.0	67.87		ug/L	136	60 - 150	45 - 165	
2-Butanone	50.0	52.14		ug/L	104	65 - 128	55 - 139	
2-Chlorotoluene	50.0	50.62		ug/L	101	79 - 120	72 - 127	
2-Hexanone	50.0	55.08		ug/L	110	61 - 140	48 - 153	
4-Chlorotoluene	50.0	52.48		ug/L	105	80 - 120	73 - 127	
4-Methyl-2-pentanone	50.0	55.11		ug/L	110	68 - 133	57 - 144	
Acetone	50.0	50.87		ug/L	102	50 - 134	36 - 148	
Benzene	50.0	50.63		ug/L	101	76 - 120	69 - 127	
Bromobenzene	50.0	51.95		ug/L	104	80 - 125	73 - 133	
Bromochloromethane	50.0	50.62		ug/L	101	79 - 120	72 - 127	
Bromodichloromethane	50.0	58.02		ug/L	116	80 - 123	73 - 130	
Bromoform	50.0	67.55	*+ me	ug/L	135	80 - 128	72 - 136	ME
Bromomethane	20.0	20.47	J	ug/L	102	64 - 150	50 - 164	
cis-1,2-Dichloroethene	50.0	53.12		ug/L	106	80 - 120	73 - 127	
cis-1,3-Dichloropropene	50.0	57.89		ug/L	116	75 - 133	65 - 143	
Carbon disulfide	50.0	53.25		ug/L	106	67 - 126	57 - 136	
Carbon tetrachloride	50.0	63.03		ug/L	126	80 - 127	72 - 135	
Chlorobenzene	50.0	51.33		ug/L	103	80 - 120	73 - 127	
Chloroethane	20.0	21.96		ug/L	110	67 - 128	57 - 138	
Chloroform	50.0	52.52		ug/L	105	80 - 120	73 - 127	
Chloromethane	20.0	24.66		ug/L	123	69 - 132	59 - 143	
Dibromochloromethane	50.0	63.57		ug/L	127	79 - 130	71 - 139	
Dibromomethane	50.0	52.41		ug/L	105	80 - 120	73 - 127	
Dichlorodifluoromethane	20.0	38.17	*+	ug/L	191	60 - 138	47 - 151	X
Ethylbenzene	50.0	52.22		ug/L	104	80 - 120	73 - 127	
Isopropylbenzene	50.0	51.60		ug/L	103	80 - 123	73 - 130	
Methylene Chloride	50.0	49.86		ug/L	100	62 - 133	50 - 145	
Methyl-t-Butyl Ether (MTBE)	50.0	51.38		ug/L	103	64 - 120	55 - 129	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-221166/4
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Naphthalene	50.0	51.01		ug/L	102	80 - 120	73 - 127	
n-Butylbenzene	50.0	50.67		ug/L	101	76 - 128	67 - 137	
N-Propylbenzene	50.0	50.29		ug/L	101	80 - 122	73 - 129	
o-Xylene	50.0	52.11		ug/L	104	80 - 121	73 - 128	
m,p-Xylene	100	102.7		ug/L	103	74 - 122	66 - 130	
p-Isopropyltoluene	50.0	52.34		ug/L	105	78 - 125	70 - 133	
sec-Butylbenzene	50.0	51.50		ug/L	103	78 - 125	70 - 133	
Styrene	50.0	53.64		ug/L	107	80 - 124	73 - 131	
trans-1,2-Dichloroethene	50.0	52.79		ug/L	106	73 - 120	65 - 128	
trans-1,3-Dichloropropene	50.0	61.57		ug/L	123	80 - 132	71 - 141	
tert-Butylbenzene	50.0	51.35		ug/L	103	76 - 132	67 - 141	
Tetrachloroethene	50.0	53.14		ug/L	106	72 - 135	62 - 146	
Toluene	50.0	51.87		ug/L	104	76 - 120	69 - 127	
Trichloroethene	50.0	52.85		ug/L	106	80 - 122	73 - 129	
Trichlorofluoromethane	20.0	17.22		ug/L	86	69 - 139	57 - 151	
Vinyl acetate	50.0	60.14		ug/L	120	74 - 147	62 - 159	
Vinyl chloride	20.0	20.69		ug/L	103	70 - 124	61 - 133	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
66	3	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

Lab Sample ID: LCSD 570-221166/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	58.16		ug/L	116	80 - 128	72 - 136	
1,1,1-Trichloroethane	50.0	54.45		ug/L	109	76 - 122	68 - 130	
1,1,2,2-Tetrachloroethane	50.0	52.29		ug/L	105	79 - 120	72 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.57		ug/L	99	53 - 122	42 - 134	
1,1,2-Trichloroethane	50.0	50.48		ug/L	101	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	50.36		ug/L	101	72 - 120	64 - 128	
1,1-Dichloroethene	50.0	49.92		ug/L	100	64 - 121	55 - 131	
1,1-Dichloropropene	50.0	48.77		ug/L	98	77 - 120	70 - 127	
1,2,3-Trichlorobenzene	50.0	48.27		ug/L	97	78 - 136	68 - 146	
1,2,3-Trichloropropane	50.0	53.36		ug/L	107	74 - 120	66 - 128	
1,2,4-Trichlorobenzene	50.0	47.39		ug/L	95	73 - 138	62 - 149	
1,2,4-Trimethylbenzene	50.0	50.77		ug/L	102	80 - 121	73 - 128	
1,2-Dibromo-3-Chloropropane	50.0	58.07		ug/L	116	74 - 120	66 - 128	
1,2-Dibromoethane	50.0	52.23		ug/L	104	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	49.58		ug/L	99	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	48.41		ug/L	97	76 - 120	69 - 127	
1,2-Dichloropropane	50.0	49.95		ug/L	100	73 - 122	65 - 130	
1,3,5-Trimethylbenzene	50.0	48.82		ug/L	98	80 - 122	73 - 129	
1,3-Dichlorobenzene	50.0	49.05		ug/L	98	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	49.48		ug/L	99	80 - 120	73 - 127	

Client: Haley & Aldrich, Inc.
Job ID: 570-87413-1
Project/Site: Rohr Chula Vista - Parcel A

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-221166/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,4-Dichlorobenzene	50.0	48.16		ug/L	96	80 - 120	73 - 127	
2,2-Dichloropropane	50.0	62.60		ug/L	125	60 - 150	45 - 165	
2-Butanone	50.0	52.35		ug/L	105	65 - 128	55 - 139	
2-Chlorotoluene	50.0	47.78		ug/L	96	79 - 120	72 - 127	
2-Hexanone	50.0	52.45		ug/L	105	61 - 140	48 - 153	
4-Chlorotoluene	50.0	49.57		ug/L	99	80 - 120	73 - 127	
4-Methyl-2-pentanone	50.0	53.59		ug/L	107	68 - 133	57 - 144	
Acetone	50.0	50.34		ug/L	101	50 - 134	36 - 148	
Benzene	50.0	47.81		ug/L	96	76 - 120	69 - 127	
Bromobenzene	50.0	49.83		ug/L	100	80 - 125	73 - 133	
Bromochloromethane	50.0	48.52		ug/L	97	79 - 120	72 - 127	
Bromodichloromethane	50.0	55.68		ug/L	111	80 - 123	73 - 130	
Bromoform	50.0	64.88	*+ me	ug/L	130	80 - 128	72 - 136	ME
Bromomethane	20.0	19.31	J	ug/L	97	64 - 150	50 - 164	
cis-1,2-Dichloroethene	50.0	50.71		ug/L	101	80 - 120	73 - 127	
cis-1,3-Dichloropropene	50.0	55.88		ug/L	112	75 - 133	65 - 143	
Carbon disulfide	50.0	49.24		ug/L	98	67 - 126	57 - 136	
Carbon tetrachloride	50.0	58.51		ug/L	117	80 - 127	72 - 135	
Chlorobenzene	50.0	48.71		ug/L	97	80 - 120	73 - 127	
Chloroethane	20.0	20.93		ug/L	105	67 - 128	57 - 138	
Chloroform	50.0	49.93		ug/L	100	80 - 120	73 - 127	
Chloromethane	20.0	22.80		ug/L	114	69 - 132	59 - 143	
Dibromochloromethane	50.0	61.60		ug/L	123	79 - 130	71 - 139	
Dibromomethane	50.0	50.92		ug/L	102	80 - 120	73 - 127	
Dichlorodifluoromethane	20.0	34.28	*+	ug/L	171	60 - 138	47 - 151	X
Ethylbenzene	50.0	49.36		ug/L	99	80 - 120	73 - 127	
Isopropylbenzene	50.0	48.31		ug/L	97	80 - 123	73 - 130	
Methylene Chloride	50.0	47.84		ug/L	96	62 - 133	50 - 145	
Methyl-t-Butyl Ether (MTBE)	50.0	50.40		ug/L	101	64 - 120	55 - 129	
Naphthalene	50.0	48.92		ug/L	98	80 - 120	73 - 127	
n-Butylbenzene	50.0	46.76		ug/L	94	76 - 128	67 - 137	
N-Propylbenzene	50.0	47.53		ug/L	95	80 - 122	73 - 129	
o-Xylene	50.0	49.59		ug/L	99	80 - 121	73 - 128	
m,p-Xylene	100	96.92		ug/L	97	74 - 122	66 - 130	
p-Isopropyltoluene	50.0	48.69		ug/L	97	78 - 125	70 - 133	
sec-Butylbenzene	50.0	47.97		ug/L	96	78 - 125	70 - 133	
Styrene	50.0	50.95		ug/L	102	80 - 124	73 - 131	
trans-1,2-Dichloroethene	50.0	48.88		ug/L	98	73 - 120	65 - 128	
trans-1,3-Dichloropropene	50.0	58.78		ug/L	118	80 - 132	71 - 141	
tert-Butylbenzene	50.0	48.02		ug/L	96	76 - 132	67 - 141	
Tetrachloroethene	50.0	50.00		ug/L	100	72 - 135	62 - 146	
Toluene	50.0	49.05		ug/L	98	76 - 120	69 - 127	
Trichloroethene	50.0	50.00		ug/L	100	80 - 122	73 - 129	
Trichlorofluoromethane	20.0	17.37		ug/L	87	69 - 139	57 - 151	
Vinyl acetate	50.0	58.42		ug/L	117	74 - 147	62 - 159	
Vinyl chloride	20.0	18.72		ug/L	94	70 - 124	61 - 133	

Summary

Marginal Exceedance (ME) Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
66	3	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

GC/MS VOA

Analysis Batch: 219835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87413-12	DGA-016-5	Total/NA	Solid	8260B	219929
570-87413-13	DGA-016-10	Total/NA	Solid	8260B	219929
570-87413-14	DGA-019-1	Total/NA	Solid	8260B	219929
570-87413-16	DGA-019-10	Total/NA	Solid	8260B	219929
570-87413-17	DGA-017-1	Total/NA	Solid	8260B	219929
570-87413-18	DGA-017-5	Total/NA	Solid	8260B	219929
570-87413-19	DGA-017-10	Total/NA	Solid	8260B	219929
570-87413-21	DGA-021-1	Total/NA	Solid	8260B	219929
570-87413-22	DGA-021-5	Total/NA	Solid	8260B	219929
570-87413-23	DGA-021-10	Total/NA	Solid	8260B	219929
570-87413-25	DGA-022-1	Total/NA	Solid	8260B	219929
570-87413-26	DGA-022-5	Total/NA	Solid	8260B	219929
570-87413-27	DGA-022-10	Total/NA	Solid	8260B	219929
MB 570-219929/3-A	Method Blank	Total/NA	Solid	8260B	219929
LCS 570-219929/1-A	Lab Control Sample	Total/NA	Solid	8260B	219929
LCSD 570-219929/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	219929
570-87413-21 MS	DGA-021-1	Total/NA	Solid	8260B	219929
570-87413-21 MSD	DGA-021-1	Total/NA	Solid	8260B	219929

Analysis Batch: 219837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87413-1	DGA-013-1	Total/NA	Solid	8260B	219962
570-87413-2	DGA-013-5	Total/NA	Solid	8260B	219962
570-87413-3	DGA-013-10	Total/NA	Solid	8260B	219962
570-87413-4	DGA-015-1	Total/NA	Solid	8260B	219962
570-87413-5	DGA-015-5	Total/NA	Solid	8260B	219962
570-87413-6	DGA-015-10	Total/NA	Solid	8260B	219962
570-87413-7	DGA-014-3.5	Total/NA	Solid	8260B	219962
570-87413-8	DGA-014-5	Total/NA	Solid	8260B	219962
570-87413-9	DGA-014-10	Total/NA	Solid	8260B	219962
570-87413-15	DGA-019-6.5	Total/NA	Solid	8260B	219962
MB 570-219962/3-A	Method Blank	Total/NA	Solid	8260B	219962
LCS 570-219962/1-A	Lab Control Sample	Total/NA	Solid	8260B	219962
LCSD 570-219962/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	219962
570-87413-15 MS	DGA-019-6.5	Total/NA	Solid	8260B	219962
570-87413-15 MSD	DGA-019-6.5	Total/NA	Solid	8260B	219962

Prep Batch: 219929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87413-12	DGA-016-5	Total/NA	Solid	5030C	
570-87413-13	DGA-016-10	Total/NA	Solid	5030C	
570-87413-14	DGA-019-1	Total/NA	Solid	5030C	
570-87413-16	DGA-019-10	Total/NA	Solid	5030C	
570-87413-17	DGA-017-1	Total/NA	Solid	5030C	
570-87413-18	DGA-017-5	Total/NA	Solid	5030C	
570-87413-19	DGA-017-10	Total/NA	Solid	5030C	
570-87413-21	DGA-021-1	Total/NA	Solid	5030C	
570-87413-22	DGA-021-5	Total/NA	Solid	5030C	
570-87413-23	DGA-021-10	Total/NA	Solid	5030C	
570-87413-25	DGA-022-1	Total/NA	Solid	5030C	
570-87413-26	DGA-022-5	Total/NA	Solid	5030C	

GC/MS VOA (Continued)

Prep Batch: 219929 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87413-27	DGA-022-10	Total/NA	Solid	5030C	
MB 570-219929/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-219929/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-219929/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-87413-21 MS	DGA-021-1	Total/NA	Solid	5030C	
570-87413-21 MSD	DGA-021-1	Total/NA	Solid	5030C	

Prep Batch: 219962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87413-1	DGA-013-1	Total/NA	Solid	5030C	
570-87413-2	DGA-013-5	Total/NA	Solid	5030C	
570-87413-3	DGA-013-10	Total/NA	Solid	5030C	
570-87413-4	DGA-015-1	Total/NA	Solid	5030C	
570-87413-5	DGA-015-5	Total/NA	Solid	5030C	
570-87413-6	DGA-015-10	Total/NA	Solid	5030C	
570-87413-7	DGA-014-3.5	Total/NA	Solid	5030C	
570-87413-8	DGA-014-5	Total/NA	Solid	5030C	
570-87413-9	DGA-014-10	Total/NA	Solid	5030C	
570-87413-15	DGA-019-6.5	Total/NA	Solid	5030C	
MB 570-219962/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-219962/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-219962/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-87413-15 MS	DGA-019-6.5	Total/NA	Solid	5030C	
570-87413-15 MSD	DGA-019-6.5	Total/NA	Solid	5030C	

Prep Batch: 220192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87413-11	DGA-016-1	Total/NA	Solid	5030C	
MB 570-220192/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-220192/4-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-220192/5-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-88311-A-1-E MS	Matrix Spike	Total/NA	Solid	5030C	
570-88311-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

Analysis Batch: 220282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87413-11	DGA-016-1	Total/NA	Solid	8260B	220192
MB 570-220192/3-A	Method Blank	Total/NA	Solid	8260B	220192
LCS 570-220192/4-A	Lab Control Sample	Total/NA	Solid	8260B	220192
LCSD 570-220192/5-A	Lab Control Sample Dup	Total/NA	Solid	8260B	220192
570-88311-A-1-E MS	Matrix Spike	Total/NA	Solid	8260B	220192
570-88311-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	220192

Analysis Batch: 221166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87413-10	DGA-012-20-GW	Total/NA	Water	8260B	
570-87413-20	DGA-018-20-GW	Total/NA	Water	8260B	
570-87413-24	DGA-020-20-GW	Total/NA	Water	8260B	
570-87413-28	Trip Blank	Total/NA	Water	8260B	
MB 570-221166/8	Method Blank	Total/NA	Water	8260B	
LCS 570-221166/4	Lab Control Sample	Total/NA	Water	8260B	

GC/MS VOA (Continued)

Analysis Batch: 221166 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-221166/5	Lab Control Sample Dup	Total/NA	Water	8260B	
570-87521-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
570-87521-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Client Sample ID: DGA-013-1
Date Collected: 03/09/22 08:50
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.07 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 15:26	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-013-5
Date Collected: 03/09/22 08:52
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.08 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 15:46	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-013-10
Date Collected: 03/09/22 08:54
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.09 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 16:08	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-015-1
Date Collected: 03/09/22 09:15
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 16:28	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-015-5
Date Collected: 03/09/22 09:17
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 16:49	U4JL	ECL 4
	Instrument ID: GCMSQ									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Client Sample ID: DGA-015-10
Date Collected: 03/09/22 09:19
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.12 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 17:10	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-014-3.5
Date Collected: 03/09/22 09:53
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.13 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 17:30	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-014-5
Date Collected: 03/09/22 09:55
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 17:51	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-014-10
Date Collected: 03/09/22 09:57
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 18:12	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-012-20-GW
Date Collected: 03/09/22 10:59
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	5 mL	5 mL	221166	03/21/22 23:11	KHF2	ECL 4
	Instrument ID: GCMSXX									

Client Sample ID: DGA-016-1
Date Collected: 03/09/22 11:28
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.10 g	5 mL	220192	03/17/22 08:46	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220282	03/17/22 13:56	AH8S	ECL 4
	Instrument ID: GCMSLL									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Client Sample ID: DGA-016-5
Date Collected: 03/09/22 11:30
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 15:32	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-016-10
Date Collected: 03/09/22 11:32
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 15:58	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-019-1
Date Collected: 03/09/22 11:51
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.09 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 16:23	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-019-6.5
Date Collected: 03/09/22 11:53
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	219962	03/16/22 11:58	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219837	03/16/22 14:03	U4JL	ECL 4
	Instrument ID: GCMSQ									

Client Sample ID: DGA-019-10
Date Collected: 03/09/22 11:55
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 16:49	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-017-1
Lab Sample ID: 570-87413-17
Date Collected: 03/09/22 12:16
Matrix: Solid
Date Received: 03/09/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 17:15	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-017-5
Lab Sample ID: 570-87413-18
Date Collected: 03/09/22 12:18
Matrix: Solid
Date Received: 03/09/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 17:41	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-017-10
Lab Sample ID: 570-87413-19
Date Collected: 03/09/22 12:20
Matrix: Solid
Date Received: 03/09/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.08 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 18:06	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-018-20-GW
Lab Sample ID: 570-87413-20
Date Collected: 03/09/22 13:33
Matrix: Water
Date Received: 03/09/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	221166	03/22/22 00:01	KHF2	ECL 4
	Instrument ID: GCMSXX									

Client Sample ID: DGA-021-1
Lab Sample ID: 570-87413-21
Date Collected: 03/09/22 14:13
Matrix: Solid
Date Received: 03/09/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.09 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 13:24	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-021-5
Lab Sample ID: 570-87413-22
Date Collected: 03/09/22 14:15
Matrix: Solid
Date Received: 03/09/22 18:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 18:32	OH1	ECL 4
	Instrument ID: GCMSLL									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Client Sample ID: DGA-021-10
Date Collected: 03/09/22 14:17
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.11 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 18:58	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-020-20-GW
Date Collected: 03/09/22 14:43
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-24
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	5 mL	5 mL	221166	03/21/22 23:36	KHF2	ECL 4
	Instrument ID: GCMSXX									

Client Sample ID: DGA-022-1
Date Collected: 03/09/22 15:40
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.00 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 19:23	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-022-5
Date Collected: 03/09/22 15:42
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 19:49	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-022-10
Date Collected: 03/09/22 15:44
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.01 g	5 mL	219929	03/16/22 10:18	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	219835	03/16/22 20:14	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: Trip Blank
Date Collected: 03/09/22 00:00
Date Received: 03/09/22 18:30

Lab Sample ID: 570-87413-28
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	221166	03/21/22 22:47	KHF2	ECL 4
	Instrument ID: GCMSXX									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-87413-1
Project/Site: Rohr Chula Vista - Parcel A

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-31-23

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 4
5030C	Purge and Trap	SW846	ECL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87413-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-87413-1	DGA-013-1	Solid	03/09/22 08:50	03/09/22 18:30
570-87413-2	DGA-013-5	Solid	03/09/22 08:52	03/09/22 18:30
570-87413-3	DGA-013-10	Solid	03/09/22 08:54	03/09/22 18:30
570-87413-4	DGA-015-1	Solid	03/09/22 09:15	03/09/22 18:30
570-87413-5	DGA-015-5	Solid	03/09/22 09:17	03/09/22 18:30
570-87413-6	DGA-015-10	Solid	03/09/22 09:19	03/09/22 18:30
570-87413-7	DGA-014-3.5	Solid	03/09/22 09:53	03/09/22 18:30
570-87413-8	DGA-014-5	Solid	03/09/22 09:55	03/09/22 18:30
570-87413-9	DGA-014-10	Solid	03/09/22 09:57	03/09/22 18:30
570-87413-10	DGA-012-20-GW	Water	03/09/22 10:59	03/09/22 18:30
570-87413-11	DGA-016-1	Solid	03/09/22 11:28	03/09/22 18:30
570-87413-12	DGA-016-5	Solid	03/09/22 11:30	03/09/22 18:30
570-87413-13	DGA-016-10	Solid	03/09/22 11:32	03/09/22 18:30
570-87413-14	DGA-019-1	Solid	03/09/22 11:51	03/09/22 18:30
570-87413-15	DGA-019-6.5	Solid	03/09/22 11:53	03/09/22 18:30
570-87413-16	DGA-019-10	Solid	03/09/22 11:55	03/09/22 18:30
570-87413-17	DGA-017-1	Solid	03/09/22 12:16	03/09/22 18:30
570-87413-18	DGA-017-5	Solid	03/09/22 12:18	03/09/22 18:30
570-87413-19	DGA-017-10	Solid	03/09/22 12:20	03/09/22 18:30
570-87413-20	DGA-018-20-GW	Water	03/09/22 13:33	03/09/22 18:30
570-87413-21	DGA-021-1	Solid	03/09/22 14:13	03/09/22 18:30
570-87413-22	DGA-021-5	Solid	03/09/22 14:15	03/09/22 18:30
570-87413-23	DGA-021-10	Solid	03/09/22 14:17	03/09/22 18:30
570-87413-24	DGA-020-20-GW	Water	03/09/22 14:43	03/09/22 18:30
570-87413-25	DGA-022-1	Solid	03/09/22 15:40	03/09/22 18:30
570-87413-26	DGA-022-5	Solid	03/09/22 15:42	03/09/22 18:30
570-87413-27	DGA-022-10	Solid	03/09/22 15:44	03/09/22 18:30
570-87413-28	Trip Blank	Water	03/09/22 00:00	03/09/22 18:30

Patel, Virendra

From: Scott, Bob <bscott@haleyaldrich.com>
Sent: Thursday, March 10, 2022 12:24 PM
To: Patel, Virendra; March, Heather; Foster, Keith; Samara, Nidal
Subject: RE: <RESPONSE REQUESTED> Eurofins Calscience sample confirmation files from 570-87413-1 Rohr Chula Vista - Parcel A

EXTERNAL EMAIL*

Hi Virendra,

Please go ahead and analyze the trip blank. Thank you,

Bob

From: Virendra Patel <Virendra.Patel@eurofinset.com>
Sent: Thursday, March 10, 2022 11:16 AM
To: Scott, Bob <bscott@haleyaldrich.com>; March, Heather <HMarch@haleyaldrich.com>; Foster, Keith <KFoster@haleyaldrich.com>; Samara, Nidal <NSamara@haleyaldrich.com>; Patel Virendra <Virendra.Patel@eurofinset.com>
Subject: <RESPONSE REQUESTED> Eurofins Calscience sample confirmation files from 570-87413-1 Rohr Chula Vista - Parcel A
Importance: High

CAUTION: External Email

Hello,

Attached please find the sample confirmation files for job 570-87413-1; Rohr Chula Vista - Parcel A

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

ACTION -- please advise if this trip blank needs to be analyzed or not.

Please feel free to contact me if you have any questions.

Thank you.

Virendra Patel
Project Manager

Eurofins Calscience

Phone: 714-895-5494

E-mail: Virendra.Patel@eurofinset.com
www.eurofinsus.com/env

Reference: [570-297298]
Attachments: 2

> > Bank information has changed, please refer to remittance information on invoice. < <

* WARNING - EXTERNAL: This email originated from outside of Eurofins Environment Testing America. Do not click any links or open any attachments unless you trust the sender and know that the content is safe!

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Ca sc ence

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570-87413 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 3/9/22

PAGE: 1 OF 3

LABORATORY CLIENT: Haley & Aldrich	CLIENT PROJECT NAME / NUMBER: Rohr Chula Vista - Parcel A
ADDRESS: 5333 Mission Center Rd Suite 300	P O NO / Blanket Service Agreement No: 0127827-043
CITY: San Diego STATE: CA ZIP: 92108	PROJECT CONTACT: B Scott
TEL: 619-888-0668 E-MAIL: bscott@haleyaldrich com	SAMPLER(S) (PRINT): KN

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS x STANDARD

x COELT EDF | GLOBAL ID: T10000011095 | LOG CODE: HAIS

SPECIAL INSTRUCTIONS

EPA 8260B/5030 C

ECI Project#57010429 produce EQuIS EDDs, report J flags

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	VOC's	FIELD POINT ID
1	D6A-013-1	3/9/22	0850	Soil	1	X			X	D6A-03
2	D6A-013-5	3/9/22	0852	Soil	1	X			X	D6A-013
3	D6A-013-10	3/9/22	0854	Soil	1	X			X	D6A-013
4	D6A-015-1	3/9/22	0915	Soil	1	X			X	D6A-015
5	D6A-015-5	3/9/22	0917	Soil	1	X			X	D6A-015
6	D6A-015-10	3/9/22	0919	Soil	1	X			X	D6A-015
7	D6A-014-3.5	3/9/22	0953	Soil	1	X			X	D6A-014
8	D6A-014-5	3/9/22	0955	Soil	1	X			X	D6A-014
9	D6A-014-10	3/9/22	0957	Soil	1	X			X	D6A-014
~~10~~										

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
	William Rivera	3/9/22	1619
William Rivera	Olga Cineles ECI	3/9/22	1830

47/32 #5C6

06/02/14 Revision

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3/22/2022

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Calscience

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For courier service / sample drop off information, contact us26_sales@eurofinsus com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE: 3/9/22

PAGE: 2 OF 3

LABORATORY CLIENT: Haley & Aldrich	CLIENT PROJECT NAME / NUMBER: Rohr Chula Vista - Parcel A
ADDRESS: 5333 Mission Center Rd Suite 300	P O NO / Blanket Service Agreement No: 0127827-043
CITY: San Diego STATE: CA ZIP: 92108	PROJECT CONTACT: B Scott
TEL: 619-888-0668 E-MAIL: bscott@haleyaldrich com	SAMPLER(S) (PRINT): KN

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS x STANDARD

x COELT EDF | GLOBAL ID: T10000011095 | LOG CODE: HAIS

SPECIAL INSTRUCTIONS:

EPA 8260B/5030 C

ECI Project#57010429 produce EQuIS EDDs, report J flags

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	VOC's	FIELD POINT ID
10 11	~~DGA-012-GW~~ DGA-012-20-GW	3/9/22	1059	WATER	3		X		X	DGA-012
11 12	DGA-016-1	3/9/22	1128	Soil	1	X			X	DGA-016
12 13	DGA-016-5	3/9/22	1130	Soil	1	X			X	DGA-016
13 14	DGA-016-10	3/9/22	1132	Soil	1	X			X	DGA-016
14 15	DGA-019-1	3/9/22	1151	Soil	1	X			X	DGA-019
15 16	DGA-019-6.5	3/9/22	1153	Soil	1	X			X	DGA-019
16 17	DGA-019-10	3/9/22	1155	Soil	1	X			X	DGA-019
17 18	DGA-017-1	3/9/22	1216	Soil	1	X			X	DGA-017
18 19	DGA-017-5	3/9/22	1218	Soil	1	X			X	DGA-017
19 20	DGA-017-10	3/9/22	1220	Soil	1	X			X	DGA-017

Relinquished by: (Signature)	Received by: (Signature/Affiliation) William Rivera	Date 3/9/22	Time 1619
Relinquished by: (Signature) William Rivera	Received by: (Signature/Affiliation) Olga Ornelas ECI	Date 3/9/22	Time 1830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

06/02/14 Revision

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Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE: 3/9/22

PAGE: 3 OF 3

LABORATORY CLIENT: Haley & Aldrich	CLIENT PROJECT NAME / NUMBER: Rohr Chula Vista - Parcel A
ADDRESS: 5333 Mission Center Rd Suite 300	P O NO / Blanket Service Agreement No: 0127827-043
CITY: San Diego STATE: CA ZIP: 92108	PROJECT CONTACT: B Scott
TEL: 619-888-0668 E-MAIL: bscott@haleyaldrich com	SAMPLER(S) (PRINT): KN

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD*)

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS x STANDARD

x COELT EDF | GLOBAL ID: T10000011095 | LOG CODE: HAIS

SPECIAL INSTRUCTIONS:

EPA 8260B/5030 C

ECI Project#57010429 produce EQuIS EDDs, report J flags

REQUESTED ANALYSES

	LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO OF CONT	Unpreserved	Preserved	Field Filtered	VOC's	FIELD POINT ID
20	21	DGA-018-20-GW	3/9/22	1333	Water	3		X		X	DGA-018
21	22	DGA-021-1	3/9/22	1413	Soil	1	X			X	DGA-021
22	23	DGA-021-5	3/9/22	1415	Soil	1	X			X	DGA-021
23	24	DGA-021-10	3/9/22	1417	Soil	1	X			X	DGA-021
24	25	DGA-020-20-GW	3/9/22	1443	Water	3		X		X	DGA-020
25	26	DGA-022-1	3/9/22	1540 1542 EW	Soil	1	X			X	DGA-022
26	27	DGA-022-5	3/9/22	1542	Soil	1	X			X	DGA-022
27	28	DGA-022-10	3/9/22	1544	Soil	1	X			X	DGA-022

Relinquished by: (Signature)	Received by: (Signature/Affiliation) William Rivera	Date 3/9/22	Time 1619
Relinquished by: (Signature) William Rivera	Received by: (Signature/Affiliation) Olga Cinelas ECI	Date 3/9/22	Time 1830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

06/02/14 Revision

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-87413-1

Login Number: 87413
List Number: 1
Creator: Lagunas, Jorge L

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-87522-1
Client Project/Site: Rohr Chula Vista - Parcel A

For:
Haley & Aldrich, Inc.
5333 Mission Center Road
Suite 300
San Diego, California 92108

Attn: Bob Scott

Authorized for release by:
3/24/2022 5:24:54 PM
Don Burley, Senior Project Manager
(657)212-3033
Donald.Burley@eurofinset.com

Designee for

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-87522-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-87522-1

Comments
No additional comments.

Receipt
The samples were received on 3/10/2022 6:20 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.9º C.

GC/MS VOA
Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-220539 and analytical batch 570-220591 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260B: The following analyte recovered outside control limits for the LCS/LCSD associated with preparation batch 570-220539 and analytical batch 570-220591: 4-Methyl-2-pentanone. This is not indicative of a systematic control problem because this was a random marginal exceedance. Qualified results have been reported.

Method 8260B: Internal standard responses were outside of acceptance limits for the following matrix spike (MS): (570-87522-A-7-B MS). The sample shows evidence of matrix interference.

Method 8260B: Surrogate recovery was outside acceptance limits for the following matrix spike (MS) sample: (570-87522-A-7-B MS). The parent sample's surrogate recovery was within limits. The MS sample has been qualified and reported.

Method 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-221249 recovered outside control limits for Dichlorodifluoromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The following analyte recovered outside control limits for the LCS and/or LCSD associated with analytical batch 570-221249: Bromoform. This is not indicative of a systematic control problem because this was a random marginal exceedance. Qualified results have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-221249. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-221559. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Client Sample ID: DGA-024-1 — Lab Sample ID: 570-87522-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.3		0.98		ug/Kg	1		8260B	Total/NA
Trichloroethene - DL	430		200		ug/Kg	50		8260B	Total/NA

Client Sample ID: DGA-024-3 — Lab Sample ID: 570-87522-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	160		2.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-024-4.5 — Lab Sample ID: 570-87522-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.6		0.98		ug/Kg	1		8260B	Total/NA
Trichloroethene	41		2.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-025-1.5 — Lab Sample ID: 570-87522-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		20		ug/Kg	1		8260B	Total/NA
Chloroform	2.4		0.98		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	1.1		0.98		ug/Kg	1		8260B	Total/NA
Trichloroethene - DL	580		400		ug/Kg	100		8260B	Total/NA

Client Sample ID: DGA-025-3 — Lab Sample ID: 570-87522-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	51		2.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-025-5 — Lab Sample ID: 570-87522-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.1		0.98		ug/Kg	1		8260B	Total/NA
Trichloroethene	33		2.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-026-3 — Lab Sample ID: 570-87522-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.2	F2	2.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-026-4.5 — Lab Sample ID: 570-87522-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	4.5		2.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-026-6 — Lab Sample ID: 570-87522-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.4		2.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: DGA-005-20-GW — Lab Sample ID: 570-87522-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.8		1.0		ug/L	1		8260B	Total/NA
Acetone	24		20		ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	38		1.0		ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.4		1.0		ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Client Sample ID: DGA-005-20-GW (Continued) — Lab Sample ID: 570-87522-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene - DL	340		10		ug/L	10		8260B	Total/NA

Client Sample ID: TB-1 — Lab Sample ID: 570-87522-11

No Detections.

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-024-1
Date Collected: 03/10/22 09:19
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Acetone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Benzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Bromobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Bromodichloromethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Bromoform	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Carbon disulfide	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Chlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Chloroform	**1.3**		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Dibromomethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Ethylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Isopropylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Methylene Chloride	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-024-1
Date Collected: 03/10/22 09:19
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
n-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
o-Xylene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Styrene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Tetrachloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Toluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Vinyl acetate	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 15:57	1
Vinyl chloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 141*	*03/18/22 08:53*	*03/18/22 15:57*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/18/22 08:53*	*03/18/22 15:57*	*1*
Dibromofluoromethane (Surr)	*89*		*47 - 142*	*03/18/22 08:53*	*03/18/22 15:57*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*03/18/22 08:53*	*03/18/22 15:57*	*1*

Client Sample ID: DGA-024-3
Date Collected: 03/10/22 09:21
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-024-3
Date Collected: 03/10/22 09:21
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Acetone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Benzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Bromobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Bromodichloromethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Bromoform	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Carbon disulfide	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Chlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Chloroform	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Dibromomethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Ethylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Isopropylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Methylene Chloride	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Naphthalene	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
n-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
o-Xylene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Styrene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Tetrachloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Toluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Trichloroethene	**160**		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Vinyl acetate	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 16:22	1
Vinyl chloride	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 141*	*03/18/22 08:53*	*03/18/22 16:22*	*1*
4-Bromofluorobenzene (Surr)	*104*		*76 - 120*	*03/18/22 08:53*	*03/18/22 16:22*	*1*
Dibromofluoromethane (Surr)	*87*		*47 - 142*	*03/18/22 08:53*	*03/18/22 16:22*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/18/22 08:53*	*03/18/22 16:22*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-024-4.5
Date Collected: 03/10/22 09:23
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Acetone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Benzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Bromobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Bromodichloromethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Bromoform	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Carbon disulfide	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Chlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Chloroform	**1.6**		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Dibromomethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Ethylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Isopropylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Methylene Chloride	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-024-4.5
Date Collected: 03/10/22 09:23
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
n-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
o-Xylene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Styrene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Tetrachloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Toluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Trichloroethene	**41**		2.0		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Vinyl acetate	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 16:48	1
Vinyl chloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*	*03/18/22 08:53*	*03/18/22 16:48*	*1*
4-Bromofluorobenzene (Surr)	*107*		*76 - 120*	*03/18/22 08:53*	*03/18/22 16:48*	*1*
Dibromofluoromethane (Surr)	*90*		*47 - 142*	*03/18/22 08:53*	*03/18/22 16:48*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*03/18/22 08:53*	*03/18/22 16:48*	*1*

Client Sample ID: DGA-025-1.5
Date Collected: 03/10/22 08:58
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 17:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-025-1.5
Date Collected: 03/10/22 08:58
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Acetone	**22**		20		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Benzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Bromobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Bromodichloromethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Bromoform	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Carbon disulfide	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Chlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Chloroform	**2.4**		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Dibromomethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Ethylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Isopropylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Methylene Chloride	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Naphthalene	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
n-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
o-Xylene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Styrene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Tetrachloroethene	**1.1**		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Toluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Vinyl acetate	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 17:14	1
Vinyl chloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 141*	*03/18/22 08:53*	*03/18/22 17:14*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 120*	*03/18/22 08:53*	*03/18/22 17:14*	*1*
Dibromofluoromethane (Surr)	*89*		*47 - 142*	*03/18/22 08:53*	*03/18/22 17:14*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*03/18/22 08:53*	*03/18/22 17:14*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-025-3
Date Collected: 03/10/22 09:03
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,1-Dichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,1-Dichloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,3-Dichloropropane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Acetone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Benzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Bromobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Bromodichloromethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Bromoform	ND		5.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Carbon disulfide	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Carbon tetrachloride	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Chlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Chloroform	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Dibromomethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Ethylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Isopropylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Methylene Chloride	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-025-3
Date Collected: 03/10/22 09:03
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
n-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
o-Xylene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Styrene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Tetrachloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Toluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Trichloroethene	**51**		2.0		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Vinyl acetate	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 17:39	1
Vinyl chloride	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 141*	*03/18/22 08:53*	*03/18/22 17:39*	*1*
4-Bromofluorobenzene (Surr)	*103*		*76 - 120*	*03/18/22 08:53*	*03/18/22 17:39*	*1*
Dibromofluoromethane (Surr)	*89*		*47 - 142*	*03/18/22 08:53*	*03/18/22 17:39*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/18/22 08:53*	*03/18/22 17:39*	*1*

Client Sample ID: DGA-025-5
Date Collected: 03/10/22 09:05
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 18:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-025-5
Date Collected: 03/10/22 09:05
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Acetone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Benzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Bromobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Bromodichloromethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Bromoform	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Carbon disulfide	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Chlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Chloroform	**1.1**		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Dibromomethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Ethylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Isopropylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Methylene Chloride	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Naphthalene	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
n-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
o-Xylene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Styrene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Tetrachloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Toluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Trichloroethene	**33**		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Vinyl acetate	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:05	1
Vinyl chloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*	*03/18/22 08:53*	*03/18/22 18:05*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/18/22 08:53*	*03/18/22 18:05*	*1*
Dibromofluoromethane (Surr)	*90*		*47 - 142*	*03/18/22 08:53*	*03/18/22 18:05*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/18/22 08:53*	*03/18/22 18:05*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-026-3
Date Collected: 03/10/22 08:42
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,1,1-Trichloroethane	ND	F2	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	9.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,1,2-Trichloroethane	ND	F2	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,1-Dichloroethane	ND	F2	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,1-Dichloroethene	ND	F2	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,1-Dichloropropene	ND	F2	2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2-Dibromoethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2-Dichloroethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,2-Dichloropropane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,3-Dichloropropane	ND	F2	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
2,2-Dichloropropane	ND	F2	4.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
2-Chlorotoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
4-Chlorotoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
4-Methyl-2-pentanone	ND	*+ F1	20		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Acetone	ND	F2	20		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Benzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Bromobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Bromodichloromethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Bromoform	ND	F2	4.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
cis-1,2-Dichloroethene	ND	F2 F1	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Carbon disulfide	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Carbon tetrachloride	ND	F2	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Chlorobenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Chloroform	ND	F2 F1	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Dibromochloromethane	ND	F2	2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Dibromomethane	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Ethylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Isopropylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Methylene Chloride	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Methyl-t-Butyl Ether (MTBE)	ND	F2	2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-026-3
Date Collected: 03/10/22 08:42
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
n-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
o-Xylene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
p-Isopropyltoluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
sec-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Styrene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
trans-1,2-Dichloroethene	ND	F2 F1	0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
trans-1,3-Dichloropropene	ND	F2	2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
tert-Butylbenzene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Tetrachloroethene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Toluene	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Trichloroethene	**4.2**	**F2**	2.0		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Trichlorofluoromethane	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Vinyl acetate	ND		9.9		ug/Kg		03/18/22 08:53	03/18/22 13:23	1
Vinyl chloride	ND		0.99		ug/Kg		03/18/22 08:53	03/18/22 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 141*	*03/18/22 08:53*	*03/18/22 13:23*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/18/22 08:53*	*03/18/22 13:23*	*1*
Dibromofluoromethane (Surr)	*88*		*47 - 142*	*03/18/22 08:53*	*03/18/22 13:23*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/18/22 08:53*	*03/18/22 13:23*	*1*

Client Sample ID: DGA-026-4.5
Date Collected: 03/10/22 08:43
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-026-4.5
Date Collected: 03/10/22 08:43
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-8
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Acetone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Benzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Bromobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Bromodichloromethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Bromoform	ND		5.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Carbon disulfide	ND		10		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Chlorobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Chloroform	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Dibromomethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Ethylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Isopropylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Methylene Chloride	ND		10		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Naphthalene	ND		10		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
n-Butylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
o-Xylene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Styrene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Tetrachloroethene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Toluene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Trichloroethene	**4.5**		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Trichlorofluoromethane	ND		10		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Vinyl acetate	ND		10		ug/Kg		03/18/22 08:53	03/18/22 18:30	1
Vinyl chloride	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 141*	*03/18/22 08:53*	*03/18/22 18:30*	*1*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/18/22 08:53*	*03/18/22 18:30*	*1*
Dibromofluoromethane (Surr)	*91*		*47 - 142*	*03/18/22 08:53*	*03/18/22 18:30*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*	*03/18/22 08:53*	*03/18/22 18:30*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: DGA-026-6
Date Collected: 03/10/22 08:44
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,1-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,1-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2-Dibromoethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2-Dichloroethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,2-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,3-Dichloropropane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
2-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
4-Chlorotoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Acetone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Benzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Bromobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Bromodichloromethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Bromoform	ND		4.9		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Carbon disulfide	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Carbon tetrachloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Chlorobenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Chloroform	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Dibromomethane	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Ethylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Isopropylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Methylene Chloride	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-026-6
Date Collected: 03/10/22 08:44
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
n-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
o-Xylene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
p-Isopropyltoluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
sec-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Styrene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
tert-Butylbenzene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Tetrachloroethene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Toluene	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Trichloroethene	**3.4**		2.0		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Trichlorofluoromethane	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Vinyl acetate	ND		9.8		ug/Kg		03/18/22 08:53	03/18/22 18:56	1
Vinyl chloride	ND		0.98		ug/Kg		03/18/22 08:53	03/18/22 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 141*	*03/18/22 08:53*	*03/18/22 18:56*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/18/22 08:53*	*03/18/22 18:56*	*1*
Dibromofluoromethane (Surr)	*92*		*47 - 142*	*03/18/22 08:53*	*03/18/22 18:56*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/18/22 08:53*	*03/18/22 18:56*	*1*

Client Sample ID: DGA-005-20-GW
Date Collected: 03/10/22 09:34
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			03/22/22 18:45	1
1,1,1-Trichloroethane	ND		1.0		ug/L			03/22/22 18:45	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			03/22/22 18:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/L			03/22/22 18:45	1
1,1,2-Trichloroethane	ND		1.0		ug/L			03/22/22 18:45	1
1,1-Dichloroethane	**6.8**		1.0		ug/L			03/22/22 18:45	1
1,1-Dichloroethene	ND		1.0		ug/L			03/22/22 18:45	1
1,1-Dichloropropene	ND		1.0		ug/L			03/22/22 18:45	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			03/22/22 18:45	1
1,2,3-Trichloropropane	ND		5.0		ug/L			03/22/22 18:45	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			03/22/22 18:45	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			03/22/22 18:45	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/22/22 18:45	1
1,2-Dibromoethane	ND		1.0		ug/L			03/22/22 18:45	1
1,2-Dichlorobenzene	ND		1.0		ug/L			03/22/22 18:45	1
1,2-Dichloroethane	ND		0.50		ug/L			03/22/22 18:45	1
1,2-Dichloropropane	ND		1.0		ug/L			03/22/22 18:45	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			03/22/22 18:45	1
1,3-Dichlorobenzene	ND		1.0		ug/L			03/22/22 18:45	1
1,3-Dichloropropane	ND		1.0		ug/L			03/22/22 18:45	1
1,4-Dichlorobenzene	ND		1.0		ug/L			03/22/22 18:45	1
2,2-Dichloropropane	ND		1.0		ug/L			03/22/22 18:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: DGA-005-20-GW
Date Collected: 03/10/22 09:34
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		20		ug/L			03/22/22 18:45	1
2-Chlorotoluene	ND		1.0		ug/L			03/22/22 18:45	1
2-Hexanone	ND		10		ug/L			03/22/22 18:45	1
4-Chlorotoluene	ND		1.0		ug/L			03/22/22 18:45	1
4-Methyl-2-pentanone	ND		10		ug/L			03/22/22 18:45	1
Acetone	**24**		20		ug/L			03/22/22 18:45	1
Benzene	ND		0.50		ug/L			03/22/22 18:45	1
Bromobenzene	ND		1.0		ug/L			03/22/22 18:45	1
Bromochloromethane	ND		2.0		ug/L			03/22/22 18:45	1
Bromodichloromethane	ND		1.0		ug/L			03/22/22 18:45	1
Bromoform	ND	*+	5.0		ug/L			03/22/22 18:45	1
Bromomethane	ND		25		ug/L			03/22/22 18:45	1
cis-1,2-Dichloroethene	**38**		1.0		ug/L			03/22/22 18:45	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/22/22 18:45	1
Carbon disulfide	ND		10		ug/L			03/22/22 18:45	1
Carbon tetrachloride	ND		0.50		ug/L			03/22/22 18:45	1
Chlorobenzene	ND		1.0		ug/L			03/22/22 18:45	1
Chloroethane	ND		5.0		ug/L			03/22/22 18:45	1
Chloroform	ND		1.0		ug/L			03/22/22 18:45	1
Chloromethane	ND		10		ug/L			03/22/22 18:45	1
Dibromochloromethane	ND		2.0		ug/L			03/22/22 18:45	1
Dibromomethane	ND		1.0		ug/L			03/22/22 18:45	1
Dichlorodifluoromethane	ND	*+	5.0		ug/L			03/22/22 18:45	1
Ethylbenzene	ND		1.0		ug/L			03/22/22 18:45	1
Isopropylbenzene	ND		1.0		ug/L			03/22/22 18:45	1
Methylene Chloride	ND		10		ug/L			03/22/22 18:45	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			03/22/22 18:45	1
Naphthalene	ND		10		ug/L			03/22/22 18:45	1
n-Butylbenzene	ND		1.0		ug/L			03/22/22 18:45	1
N-Propylbenzene	ND		1.0		ug/L			03/22/22 18:45	1
o-Xylene	ND		1.0		ug/L			03/22/22 18:45	1
m,p-Xylene	ND		2.0		ug/L			03/22/22 18:45	1
p-Isopropyltoluene	ND		1.0		ug/L			03/22/22 18:45	1
sec-Butylbenzene	ND		1.0		ug/L			03/22/22 18:45	1
Styrene	ND		1.0		ug/L			03/22/22 18:45	1
trans-1,2-Dichloroethene	**1.4**		1.0		ug/L			03/22/22 18:45	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/22/22 18:45	1
tert-Butylbenzene	ND		1.0		ug/L			03/22/22 18:45	1
Tetrachloroethene	ND		1.0		ug/L			03/22/22 18:45	1
Toluene	ND		1.0		ug/L			03/22/22 18:45	1
Trichlorofluoromethane	ND		10		ug/L			03/22/22 18:45	1
Vinyl acetate	ND		10		ug/L			03/22/22 18:45	1
Vinyl chloride	ND		0.50		ug/L			03/22/22 18:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*		*03/22/22 18:45*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/22 18:45*	*1*
Dibromofluoromethane (Surr)	*101*		*78 - 120*		*03/22/22 18:45*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/22/22 18:45*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-1
Date Collected: 03/10/22 14:18
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			03/22/22 18:21	1
1,1,1-Trichloroethane	ND		1.0		ug/L			03/22/22 18:21	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			03/22/22 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/L			03/22/22 18:21	1
1,1,2-Trichloroethane	ND		1.0		ug/L			03/22/22 18:21	1
1,1-Dichloroethane	ND		1.0		ug/L			03/22/22 18:21	1
1,1-Dichloroethene	ND		1.0		ug/L			03/22/22 18:21	1
1,1-Dichloropropene	ND		1.0		ug/L			03/22/22 18:21	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			03/22/22 18:21	1
1,2,3-Trichloropropane	ND		5.0		ug/L			03/22/22 18:21	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			03/22/22 18:21	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			03/22/22 18:21	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/22/22 18:21	1
1,2-Dibromoethane	ND		1.0		ug/L			03/22/22 18:21	1
1,2-Dichlorobenzene	ND		1.0		ug/L			03/22/22 18:21	1
1,2-Dichloroethane	ND		0.50		ug/L			03/22/22 18:21	1
1,2-Dichloropropane	ND		1.0		ug/L			03/22/22 18:21	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			03/22/22 18:21	1
1,3-Dichlorobenzene	ND		1.0		ug/L			03/22/22 18:21	1
1,3-Dichloropropane	ND		1.0		ug/L			03/22/22 18:21	1
1,4-Dichlorobenzene	ND		1.0		ug/L			03/22/22 18:21	1
2,2-Dichloropropane	ND		1.0		ug/L			03/22/22 18:21	1
2-Butanone	ND		20		ug/L			03/22/22 18:21	1
2-Chlorotoluene	ND		1.0		ug/L			03/22/22 18:21	1
2-Hexanone	ND		10		ug/L			03/22/22 18:21	1
4-Chlorotoluene	ND		1.0		ug/L			03/22/22 18:21	1
4-Methyl-2-pentanone	ND		10		ug/L			03/22/22 18:21	1
Acetone	ND		20		ug/L			03/22/22 18:21	1
Benzene	ND		0.50		ug/L			03/22/22 18:21	1
Bromobenzene	ND		1.0		ug/L			03/22/22 18:21	1
Bromochloromethane	ND		2.0		ug/L			03/22/22 18:21	1
Bromodichloromethane	ND		1.0		ug/L			03/22/22 18:21	1
Bromoform	ND	*+	5.0		ug/L			03/22/22 18:21	1
Bromomethane	ND		25		ug/L			03/22/22 18:21	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			03/22/22 18:21	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/22/22 18:21	1
Carbon disulfide	ND		10		ug/L			03/22/22 18:21	1
Carbon tetrachloride	ND		0.50		ug/L			03/22/22 18:21	1
Chlorobenzene	ND		1.0		ug/L			03/22/22 18:21	1
Chloroethane	ND		5.0		ug/L			03/22/22 18:21	1
Chloroform	ND		1.0		ug/L			03/22/22 18:21	1
Chloromethane	ND		10		ug/L			03/22/22 18:21	1
Dibromochloromethane	ND		2.0		ug/L			03/22/22 18:21	1
Dibromomethane	ND		1.0		ug/L			03/22/22 18:21	1
Dichlorodifluoromethane	ND	*+	5.0		ug/L			03/22/22 18:21	1
Ethylbenzene	ND		1.0		ug/L			03/22/22 18:21	1
Isopropylbenzene	ND		1.0		ug/L			03/22/22 18:21	1
Methylene Chloride	ND		10		ug/L			03/22/22 18:21	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			03/22/22 18:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-1
Date Collected: 03/10/22 14:18
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-11
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10		ug/L			03/22/22 18:21	1
n-Butylbenzene	ND		1.0		ug/L			03/22/22 18:21	1
N-Propylbenzene	ND		1.0		ug/L			03/22/22 18:21	1
o-Xylene	ND		1.0		ug/L			03/22/22 18:21	1
m,p-Xylene	ND		2.0		ug/L			03/22/22 18:21	1
p-Isopropyltoluene	ND		1.0		ug/L			03/22/22 18:21	1
sec-Butylbenzene	ND		1.0		ug/L			03/22/22 18:21	1
Styrene	ND		1.0		ug/L			03/22/22 18:21	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			03/22/22 18:21	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/22/22 18:21	1
tert-Butylbenzene	ND		1.0		ug/L			03/22/22 18:21	1
Tetrachloroethene	ND		1.0		ug/L			03/22/22 18:21	1
Toluene	ND		1.0		ug/L			03/22/22 18:21	1
Trichloroethene	ND		1.0		ug/L			03/22/22 18:21	1
Trichlorofluoromethane	ND		10		ug/L			03/22/22 18:21	1
Vinyl acetate	ND		10		ug/L			03/22/22 18:21	1
Vinyl chloride	ND		0.50		ug/L			03/22/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 123*		*03/22/22 18:21*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/22 18:21*	*1*
Dibromofluoromethane (Surr)	*101*		*78 - 120*		*03/22/22 18:21*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/22/22 18:21*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Client Sample ID: DGA-024-1
Date Collected: 03/10/22 09:19
Date Received: 03/10/22 18:20
Lab Sample ID: 570-87522-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	430		200		ug/Kg		03/19/22 11:12	03/19/22 21:39	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*64 - 141*	*03/19/22 11:12*	*03/19/22 21:39*	*50*
4-Bromofluorobenzene (Surr)	*114*		*76 - 120*	*03/19/22 11:12*	*03/19/22 21:39*	*50*
Dibromofluoromethane (Surr)	*86*		*47 - 142*	*03/19/22 11:12*	*03/19/22 21:39*	*50*
Toluene-d8 (Surr)	*115*		*80 - 120*	*03/19/22 11:12*	*03/19/22 21:39*	*50*

Client Sample ID: DGA-025-1.5
Date Collected: 03/10/22 08:58
Date Received: 03/10/22 18:20
Lab Sample ID: 570-87522-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	580		400		ug/Kg		03/19/22 11:12	03/19/22 22:05	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*64 - 141*	*03/19/22 11:12*	*03/19/22 22:05*	*100*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*	*03/19/22 11:12*	*03/19/22 22:05*	*100*
Dibromofluoromethane (Surr)	*84*		*47 - 142*	*03/19/22 11:12*	*03/19/22 22:05*	*100*
Toluene-d8 (Surr)	*111*		*80 - 120*	*03/19/22 11:12*	*03/19/22 22:05*	*100*

Client Sample ID: DGA-005-20-GW
Date Collected: 03/10/22 09:34
Date Received: 03/10/22 18:20
Lab Sample ID: 570-87522-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	340		10		ug/L			03/23/22 21:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 123*		*03/23/22 21:13*	*10*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/23/22 21:13*	*10*
Dibromofluoromethane (Surr)	*100*		*78 - 120*		*03/23/22 21:13*	*10*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/23/22 21:13*	*10*

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-141)	(76-120)	(47-142)	(80-120)
570-87522-1	DGA-024-1	98	106	89	104
570-87522-1 - DL	DGA-024-1	85	114	86	115
570-87522-2	DGA-024-3	96	104	87	106
570-87522-3	DGA-024-4.5	100	107	90	104
570-87522-4	DGA-025-1.5	97	103	89	105
570-87522-4 - DL	DGA-025-1.5	86	105	84	111
570-87522-5	DGA-025-3	95	103	89	106
570-87522-6	DGA-025-5	100	106	90	106
570-87522-7	DGA-026-3	94	106	88	106
570-87522-7 MS	DGA-026-3	75	103	65	117 *3
570-87522-7 MSD	DGA-026-3	96	101	91	102
570-87522-8	DGA-026-4.5	99	105	91	107
570-87522-9	DGA-026-6	101	106	92	106
570-87808-A-19-D MS	Matrix Spike	99	100	92	103
570-87808-A-19-E MSD	Matrix Spike Duplicate	100	99	91	103
LCS 570-220539/1-A	Lab Control Sample	95	101	87	103
LCS 570-220832/1-A	Lab Control Sample	90	100	88	103
LCSD 570-220539/2-A	Lab Control Sample Dup	93	100	88	103
LCSD 570-220832/2-A	Lab Control Sample Dup	93	99	90	103
MB 570-220539/3-A	Method Blank	93	106	87	106
MB 570-220862/1-A	Method Blank	85	111	86	113

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-123)	(80-120)	(78-120)	(80-120)
570-87522-10	DGA-005-20-GW	104	95	101	99
570-87522-10 - DL	DGA-005-20-GW	103	95	100	99
570-87522-11	TB-1	105	95	101	99
LCS 570-221249/4	Lab Control Sample	99	102	98	100
LCS 570-221559/4	Lab Control Sample	97	101	97	100
LCSD 570-221249/5	Lab Control Sample Dup	99	101	99	100
LCSD 570-221559/5	Lab Control Sample Dup	97	101	98	100
MB 570-221249/8	Method Blank	104	95	100	100
MB 570-221559/8	Method Blank	101	96	99	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-220539/3-A
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,1-Dichloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,1-Dichloroethene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,1-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2-Dibromoethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2-Dichloroethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,2-Dichloropropane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,3-Dichloropropane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
2-Butanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
2-Chlorotoluene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
2-Hexanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
4-Chlorotoluene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
4-Methyl-2-pentanone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Acetone	ND		20		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Benzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Bromobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Bromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Bromodichloromethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Bromoform	ND		5.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Bromomethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Carbon disulfide	ND		10		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Carbon tetrachloride	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Chlorobenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Chloroethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Chloroform	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Chloromethane	ND		20		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Dibromochloromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Dibromomethane	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Ethylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Isopropylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Methylene Chloride	ND		10		ug/Kg		03/18/22 08:53	03/18/22 12:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-220539/3-A
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Naphthalene	ND		10		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
n-Butylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
N-Propylbenzene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
o-Xylene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
m,p-Xylene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
p-Isopropyltoluene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
sec-Butylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Styrene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
tert-Butylbenzene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Tetrachloroethene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Toluene	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Trichloroethene	ND		2.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Trichlorofluoromethane	ND		10		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Vinyl acetate	ND		10		ug/Kg		03/18/22 08:53	03/18/22 12:32	1
Vinyl chloride	ND		1.0		ug/Kg		03/18/22 08:53	03/18/22 12:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 141*	*03/18/22 08:53*	*03/18/22 12:32*	*1*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*	*03/18/22 08:53*	*03/18/22 12:32*	*1*
Dibromofluoromethane (Surr)	*87*		*47 - 142*	*03/18/22 08:53*	*03/18/22 12:32*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*03/18/22 08:53*	*03/18/22 12:32*	*1*

Lab Sample ID: LCS 570-220539/1-A
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.04		ug/Kg		98	80 - 124
1,1,1-Trichloroethane	50.0	45.48		ug/Kg		91	73 - 121
1,1,2,2-Tetrachloroethane	50.0	46.07		ug/Kg		92	76 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	42.77		ug/Kg		86	64 - 120
1,1,2-Trichloroethane	50.0	45.47		ug/Kg		91	80 - 120
1,1-Dichloroethane	50.0	51.77		ug/Kg		104	71 - 120
1,1-Dichloroethene	50.0	52.37		ug/Kg		105	68 - 120
1,1-Dichloropropene	50.0	48.44		ug/Kg		97	74 - 122
1,2,3-Trichlorobenzene	50.0	58.62		ug/Kg		117	80 - 128
1,2,3-Trichloropropane	50.0	47.86		ug/Kg		96	74 - 122
1,2,4-Trichlorobenzene	50.0	55.58		ug/Kg		111	80 - 132
1,2,4-Trimethylbenzene	50.0	47.55		ug/Kg		95	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	46.77		ug/Kg		94	65 - 120
1,2-Dibromoethane	50.0	48.88		ug/Kg		98	80 - 120
1,2-Dichlorobenzene	50.0	49.65		ug/Kg		99	80 - 120
1,2-Dichloroethane	50.0	46.61		ug/Kg		93	76 - 126
1,2-Dichloropropane	50.0	56.78		ug/Kg		114	80 - 120
1,3,5-Trimethylbenzene	50.0	48.91		ug/Kg		98	78 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-220539/1-A
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	49.29		ug/Kg		99	80 - 120
1,3-Dichloropropane	50.0	47.72		ug/Kg		95	80 - 120
1,4-Dichlorobenzene	50.0	49.10		ug/Kg		98	80 - 120
2,2-Dichloropropane	50.0	44.10		ug/Kg		88	68 - 129
2-Butanone	50.0	55.62		ug/Kg		111	63 - 129
2-Chlorotoluene	50.0	48.09		ug/Kg		96	77 - 122
2-Hexanone	50.0	61.74		ug/Kg		123	67 - 130
4-Chlorotoluene	50.0	46.06		ug/Kg		92	80 - 120
4-Methyl-2-pentanone	50.0	61.74	*+ me	ug/Kg		123	73 - 122
Acetone	50.0	57.45		ug/Kg		115	62 - 123
Benzene	50.0	48.47		ug/Kg		97	76 - 120
Bromobenzene	50.0	50.87		ug/Kg		102	80 - 124
Bromochloromethane	50.0	44.21		ug/Kg		88	77 - 120
Bromodichloromethane	50.0	48.39		ug/Kg		97	80 - 127
Bromoform	50.0	45.77		ug/Kg		92	69 - 131
Bromomethane	50.0	47.47		ug/Kg		95	39 - 143
cis-1,2-Dichloroethene	50.0	43.85		ug/Kg		88	77 - 121
cis-1,3-Dichloropropene	50.0	50.77		ug/Kg		102	80 - 121
Carbon disulfide	50.0	43.91		ug/Kg		88	59 - 128
Carbon tetrachloride	50.0	48.13		ug/Kg		96	68 - 132
Chlorobenzene	50.0	49.34		ug/Kg		99	80 - 120
Chloroethane	50.0	51.97		ug/Kg		104	59 - 135
Chloroform	50.0	42.44		ug/Kg		85	77 - 121
Chloromethane	50.0	56.07		ug/Kg		112	51 - 129
Dibromochloromethane	50.0	47.44		ug/Kg		95	77 - 127
Dibromomethane	50.0	45.46		ug/Kg		91	80 - 124
Dichlorodifluoromethane	50.0	32.92		ug/Kg		66	53 - 133
Ethylbenzene	50.0	49.22		ug/Kg		98	80 - 120
Isopropylbenzene	50.0	50.25		ug/Kg		100	80 - 123
Methylene Chloride	50.0	45.01		ug/Kg		90	70 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	46.47		ug/Kg		93	70 - 120
Naphthalene	50.0	56.41		ug/Kg		113	76 - 121
n-Butylbenzene	50.0	48.44		ug/Kg		97	78 - 123
N-Propylbenzene	50.0	49.32		ug/Kg		99	78 - 123
o-Xylene	50.0	49.57		ug/Kg		99	76 - 125
m,p-Xylene	100	96.54		ug/Kg		97	75 - 122
p-Isopropyltoluene	50.0	48.59		ug/Kg		97	80 - 121
sec-Butylbenzene	50.0	48.24		ug/Kg		96	80 - 120
Styrene	50.0	49.60		ug/Kg		99	79 - 123
trans-1,2-Dichloroethene	50.0	41.41		ug/Kg		83	71 - 120
trans-1,3-Dichloropropene	50.0	46.54		ug/Kg		93	80 - 126
tert-Butylbenzene	50.0	49.15		ug/Kg		98	80 - 120
Tetrachloroethene	50.0	50.68		ug/Kg		101	80 - 123
Toluene	50.0	50.70		ug/Kg		101	79 - 120
Trichloroethene	50.0	50.04		ug/Kg		100	80 - 120
Trichlorofluoromethane	50.0	45.85		ug/Kg		92	69 - 133
Vinyl acetate	50.0	44.99		ug/Kg		90	78 - 138
Vinyl chloride	50.0	57.18		ug/Kg		114	65 - 129

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-220539/1-A
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220539

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		64 - 141
4-Bromofluorobenzene (Surr)	101		76 - 120
Dibromofluoromethane (Surr)	87		47 - 142
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: LCSD 570-220539/2-A
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220539

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	49.34		ug/Kg		99	80 - 124	1	20
1,1,1-Trichloroethane			50.0	46.04		ug/Kg		92	73 - 121	1	20
1,1,2,2-Tetrachloroethane			50.0	46.96		ug/Kg		94	76 - 123	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	43.91		ug/Kg		88	64 - 120	3	20
1,1,2-Trichloroethane			50.0	46.20		ug/Kg		92	80 - 120	2	20
1,1-Dichloroethane			50.0	52.31		ug/Kg		105	71 - 120	1	20
1,1-Dichloroethene			50.0	52.28		ug/Kg		105	68 - 120	0	20
1,1-Dichloropropene			50.0	49.37		ug/Kg		99	74 - 122	2	20
1,2,3-Trichlorobenzene			50.0	57.33		ug/Kg		115	80 - 128	2	20
1,2,3-Trichloropropane			50.0	48.64		ug/Kg		97	74 - 122	2	20
1,2,4-Trichlorobenzene			50.0	54.79		ug/Kg		110	80 - 132	1	20
1,2,4-Trimethylbenzene			50.0	45.87		ug/Kg		92	80 - 120	4	20
1,2-Dibromo-3-Chloropropane			50.0	46.73		ug/Kg		93	65 - 120	0	20
1,2-Dibromoethane			50.0	49.31		ug/Kg		99	80 - 120	1	20
1,2-Dichlorobenzene			50.0	49.58		ug/Kg		99	80 - 120	0	20
1,2-Dichloroethane			50.0	48.00		ug/Kg		96	76 - 126	3	20
1,2-Dichloropropane			50.0	57.20		ug/Kg		114	80 - 120	1	20
1,3,5-Trimethylbenzene			50.0	48.11		ug/Kg		96	78 - 124	2	20
1,3-Dichlorobenzene			50.0	48.60		ug/Kg		97	80 - 120	1	20
1,3-Dichloropropane			50.0	47.75		ug/Kg		95	80 - 120	0	20
1,4-Dichlorobenzene			50.0	47.87		ug/Kg		96	80 - 120	3	20
2,2-Dichloropropane			50.0	44.31		ug/Kg		89	68 - 129	0	20
2-Butanone			50.0	61.10		ug/Kg		122	63 - 129	9	20
2-Chlorotoluene			50.0	47.51		ug/Kg		95	77 - 122	1	20
2-Hexanone			50.0	62.46		ug/Kg		125	67 - 130	1	20
4-Chlorotoluene			50.0	45.29		ug/Kg		91	80 - 120	2	20
4-Methyl-2-pentanone			50.0	64.09	*+ me	ug/Kg		128	73 - 122	4	20
Acetone			50.0	61.71		ug/Kg		123	62 - 123	7	20
Benzene			50.0	48.61		ug/Kg		97	76 - 120	0	20
Bromobenzene			50.0	49.46		ug/Kg		99	80 - 124	3	20
Bromochloromethane			50.0	45.20		ug/Kg		90	77 - 120	2	20
Bromodichloromethane			50.0	48.84		ug/Kg		98	80 - 127	1	20
Bromoform			50.0	46.76		ug/Kg		94	69 - 131	2	20
Bromomethane			50.0	48.18		ug/Kg		96	39 - 143	1	20
cis-1,2-Dichloroethene			50.0	44.03		ug/Kg		88	77 - 121	0	20
cis-1,3-Dichloropropene			50.0	51.79		ug/Kg		104	80 - 121	2	20
Carbon disulfide			50.0	43.55		ug/Kg		87	59 - 128	1	20
Carbon tetrachloride			50.0	48.09		ug/Kg		96	68 - 132	0	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-220539/2-A
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220539

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene			50.0	48.98		ug/Kg		98	80 - 120	1	20
Chloroethane			50.0	52.70		ug/Kg		105	59 - 135	1	20
Chloroform			50.0	42.69		ug/Kg		85	77 - 121	1	20
Chloromethane			50.0	56.27		ug/Kg		113	51 - 129	0	20
Dibromochloromethane			50.0	48.48		ug/Kg		97	77 - 127	2	20
Dibromomethane			50.0	46.66		ug/Kg		93	80 - 124	3	20
Dichlorodifluoromethane			50.0	32.88		ug/Kg		66	53 - 133	0	20
Ethylbenzene			50.0	48.39		ug/Kg		97	80 - 120	2	20
Isopropylbenzene			50.0	48.93		ug/Kg		98	80 - 123	3	20
Methylene Chloride			50.0	45.21		ug/Kg		90	70 - 120	0	20
Methyl-t-Butyl Ether (MTBE)			50.0	47.75		ug/Kg		96	70 - 120	3	20
Naphthalene			50.0	56.13		ug/Kg		112	76 - 121	1	20
n-Butylbenzene			50.0	47.68		ug/Kg		95	78 - 123	2	20
N-Propylbenzene			50.0	48.54		ug/Kg		97	78 - 123	2	20
o-Xylene			50.0	48.34		ug/Kg		97	76 - 125	3	20
m,p-Xylene			100	94.44		ug/Kg		94	75 - 122	2	20
p-Isopropyltoluene			50.0	47.20		ug/Kg		94	80 - 121	3	20
sec-Butylbenzene			50.0	47.35		ug/Kg		95	80 - 120	2	20
Styrene			50.0	48.33		ug/Kg		97	79 - 123	3	20
trans-1,2-Dichloroethene			50.0	42.69		ug/Kg		85	71 - 120	3	20
trans-1,3-Dichloropropene			50.0	47.18		ug/Kg		94	80 - 126	1	20
tert-Butylbenzene			50.0	48.16		ug/Kg		96	80 - 120	2	20
Tetrachloroethene			50.0	50.75		ug/Kg		102	80 - 123	0	20
Toluene			50.0	49.49		ug/Kg		99	79 - 120	2	20
Trichloroethene			50.0	50.27		ug/Kg		101	80 - 120	0	20
Trichlorofluoromethane			50.0	45.75		ug/Kg		91	69 - 133	0	20
Vinyl acetate			50.0	49.57		ug/Kg		99	78 - 138	10	20
Vinyl chloride			50.0	57.69		ug/Kg		115	65 - 129	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 141*
4-Bromofluorobenzene (Surr)	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*88*		*47 - 142*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 570-87522-7 MS
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: DGA-026-3
Prep Type: Total/NA
Prep Batch: 220539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,1,2-Tetrachloroethane	ND		49.8	36.80		ug/Kg		74	61 - 129		
1,1,1-Trichloroethane	ND	F2	49.8	34.09		ug/Kg		68	67 - 125		
1,1,2,2-Tetrachloroethane	ND		49.8	40.32		ug/Kg		81	20 - 164		
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	49.8	33.66		ug/Kg		68	62 - 125		
1,1,2-Trichloroethane	ND	F2	49.8	32.82		ug/Kg		66	52 - 134		
1,1-Dichloroethane	ND	F2	49.8	36.93		ug/Kg		74	66 - 125		
1,1-Dichloroethene	ND	F2	49.8	40.19		ug/Kg		81	60 - 125		
1,1-Dichloropropene	ND	F2	49.8	34.50		ug/Kg		69	69 - 125		

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87522-7 MS
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: DGA-026-3
Prep Type: Total/NA
Prep Batch: 220539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		49.8	49.74		ug/Kg		100	20 - 145
1,2,3-Trichloropropane	ND		49.8	45.06		ug/Kg		90	53 - 128
1,2,4-Trichlorobenzene	ND		49.8	47.82		ug/Kg		96	20 - 146
1,2,4-Trimethylbenzene	ND		49.8	43.64		ug/Kg		88	51 - 129
1,2-Dibromo-3-Chloropropane	ND		49.8	44.51		ug/Kg		89	33 - 126
1,2-Dibromoethane	ND		49.8	37.46		ug/Kg		75	65 - 125
1,2-Dichlorobenzene	ND		49.8	45.56		ug/Kg		91	47 - 130
1,2-Dichloroethane	ND		49.8	41.80	*3	ug/Kg		84	66 - 127
1,2-Dichloropropane	ND		49.8	46.14	*3	ug/Kg		93	70 - 125
1,3,5-Trimethylbenzene	ND		49.8	47.34		ug/Kg		95	50 - 132
1,3-Dichlorobenzene	ND		49.8	43.63		ug/Kg		88	48 - 128
1,3-Dichloropropane	ND	F2	49.8	34.90		ug/Kg		70	66 - 125
1,4-Dichlorobenzene	ND		49.8	43.92		ug/Kg		88	47 - 127
2,2-Dichloropropane	ND	F2	49.8	34.53		ug/Kg		69	61 - 128
2-Butanone	ND		49.8	50.03		ug/Kg		100	48 - 134
2-Chlorotoluene	ND		49.8	45.06		ug/Kg		90	54 - 127
2-Hexanone	ND		49.8	60.32		ug/Kg		121	48 - 136
4-Chlorotoluene	ND		49.8	41.49		ug/Kg		83	54 - 125
4-Methyl-2-pentanone	ND	*+ F1	49.8	69.36	F1 *3	ug/Kg		139	55 - 133
Acetone	ND	F2	49.8	38.98		ug/Kg		78	30 - 175
Benzene	ND		49.8	43.43	*3	ug/Kg		87	70 - 125
Bromobenzene	ND		49.8	47.77		ug/Kg		96	57 - 129
Bromochloromethane	ND		49.8	40.02		ug/Kg		80	67 - 125
Bromodichloromethane	ND		49.8	39.19	*3	ug/Kg		79	64 - 130
Bromoform	ND	F2	49.8	33.76		ug/Kg		68	49 - 133
Bromomethane	ND		49.8	52.34		ug/Kg		105	30 - 149
cis-1,2-Dichloroethene	ND	F2 F1	49.8	29.18	F1	ug/Kg		59	71 - 125
cis-1,3-Dichloropropene	ND		49.8	41.87	*3	ug/Kg		84	63 - 126
Carbon disulfide	ND		49.8	42.59		ug/Kg		86	53 - 125
Carbon tetrachloride	ND	F2	49.8	34.68		ug/Kg		70	60 - 130
Chlorobenzene	ND		49.8	46.31		ug/Kg		93	65 - 125
Chloroethane	ND		49.8	56.09		ug/Kg		113	51 - 131
Chloroform	ND	F2 F1	49.8	30.11	F1	ug/Kg		60	70 - 125
Chloromethane	ND		49.8	58.36		ug/Kg		117	43 - 125
Dibromochloromethane	ND	F2	49.8	32.93		ug/Kg		66	56 - 132
Dibromomethane	ND		49.8	40.02	*3	ug/Kg		80	67 - 127
Dichlorodifluoromethane	ND		49.8	34.35		ug/Kg		69	47 - 127
Ethylbenzene	ND		49.8	46.00		ug/Kg		92	64 - 125
Isopropylbenzene	ND		49.8	46.55		ug/Kg		93	59 - 129
Methylene Chloride	ND		49.8	47.45		ug/Kg		95	60 - 125
Methyl-t-Butyl Ether (MTBE)	ND	F2	49.8	32.25		ug/Kg		65	61 - 125
Naphthalene	ND		49.8	53.11		ug/Kg		107	25 - 136
n-Butylbenzene	ND		49.8	42.84		ug/Kg		86	35 - 135
N-Propylbenzene	ND		49.8	45.47		ug/Kg		91	52 - 131
o-Xylene	ND		49.8	47.20		ug/Kg		95	59 - 128
m,p-Xylene	ND		99.6	91.99		ug/Kg		92	60 - 125
p-Isopropyltoluene	ND		49.8	43.25		ug/Kg		87	46 - 132
sec-Butylbenzene	ND		49.8	41.82		ug/Kg		84	47 - 131
Styrene	ND		49.8	47.10		ug/Kg		95	58 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87522-7 MS
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: DGA-026-3
Prep Type: Total/NA
Prep Batch: 220539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	ND	F2 F1	49.8	27.70	F1	ug/Kg		56	67 - 125
trans-1,3-Dichloropropene	ND	F2	49.8	33.88		ug/Kg		68	59 - 132
tert-Butylbenzene	ND		49.8	42.42		ug/Kg		85	53 - 126
Tetrachloroethene	ND		49.8	42.62		ug/Kg		86	62 - 129
Toluene	ND		49.8	54.68	*3	ug/Kg		110	68 - 125
Trichloroethene	4.2	F2	49.8	40.98	*3	ug/Kg		74	41 - 169
Trichlorofluoromethane	ND		49.8	38.11		ug/Kg		77	63 - 128
Vinyl acetate	ND		49.8	31.15		ug/Kg		63	20 - 154
Vinyl chloride	ND		49.8	60.02		ug/Kg		121	59 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*75*		*64 - 141*
4-Bromofluorobenzene (Surr)	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*65*		*47 - 142*
Toluene-d8 (Surr)	*117*	*3	*80 - 120*

Lab Sample ID: 570-87522-7 MSD
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: DGA-026-3
Prep Type: Total/NA
Prep Batch: 220539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		49.9	45.29		ug/Kg		91	61 - 129	21	23
1,1,1-Trichloroethane	ND	F2	49.9	43.83	F2	ug/Kg		88	67 - 125	25	20
1,1,2,2-Tetrachloroethane	ND		49.9	45.69		ug/Kg		92	20 - 164	13	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	F2	49.9	42.40	F2	ug/Kg		85	62 - 125	23	20
1,1,2-Trichloroethane	ND	F2	49.9	43.99	F2	ug/Kg		88	52 - 134	29	25
1,1-Dichloroethane	ND	F2	49.9	50.36	F2	ug/Kg		101	66 - 125	31	20
1,1-Dichloroethene	ND	F2	49.9	50.82	F2	ug/Kg		102	60 - 125	23	20
1,1-Dichloropropene	ND	F2	49.9	46.84	F2	ug/Kg		94	69 - 125	30	20
1,2,3-Trichlorobenzene	ND		49.9	47.51		ug/Kg		95	20 - 145	5	39
1,2,3-Trichloropropane	ND		49.9	47.07		ug/Kg		94	53 - 128	4	25
1,2,4-Trichlorobenzene	ND		49.9	45.69		ug/Kg		92	20 - 146	5	38
1,2,4-Trimethylbenzene	ND		49.9	43.04		ug/Kg		86	51 - 129	1	27
1,2-Dibromo-3-Chloropropane	ND		49.9	45.41		ug/Kg		91	33 - 126	2	29
1,2-Dibromoethane	ND		49.9	46.40		ug/Kg		93	65 - 125	21	21
1,2-Dichlorobenzene	ND		49.9	45.76		ug/Kg		92	47 - 130	0	29
1,2-Dichloroethane	ND		49.9	45.34		ug/Kg		91	66 - 127	8	20
1,2-Dichloropropane	ND		49.9	54.09		ug/Kg		108	70 - 125	16	20
1,3,5-Trimethylbenzene	ND		49.9	44.01		ug/Kg		88	50 - 132	7	29
1,3-Dichlorobenzene	ND		49.9	44.82		ug/Kg		90	48 - 128	3	28
1,3-Dichloropropane	ND	F2	49.9	46.16	F2	ug/Kg		92	66 - 125	28	20
1,4-Dichlorobenzene	ND		49.9	44.59		ug/Kg		89	47 - 127	2	28
2,2-Dichloropropane	ND	F2	49.9	43.20	F2	ug/Kg		87	61 - 128	22	20
2-Butanone	ND		49.9	59.51		ug/Kg		119	48 - 134	17	24
2-Chlorotoluene	ND		49.9	43.78		ug/Kg		88	54 - 127	3	27
2-Hexanone	ND		49.9	58.42		ug/Kg		117	48 - 136	3	28
4-Chlorotoluene	ND		49.9	42.68		ug/Kg		86	54 - 125	3	26
4-Methyl-2-pentanone	ND	*+ F1	49.9	59.33		ug/Kg		119	55 - 133	16	23

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-87522-7 MSD
Matrix: Solid
Analysis Batch: 220591

Client Sample ID: DGA-026-3
Prep Type: Total/NA
Prep Batch: 220539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND	F2	49.9	69.93	F2	ug/Kg		140	30 - 175	57	30
Benzene	ND		49.9	45.81		ug/Kg		92	70 - 125	5	20
Bromobenzene	ND		49.9	46.58		ug/Kg		93	57 - 129	3	26
Bromochloromethane	ND		49.9	43.75		ug/Kg		88	67 - 125	9	20
Bromodichloromethane	ND		49.9	46.62		ug/Kg		93	64 - 130	17	20
Bromoform	ND	F2	49.9	45.76	F2	ug/Kg		92	49 - 133	30	27
Bromomethane	ND		49.9	46.03		ug/Kg		92	30 - 149	13	31
cis-1,2-Dichloroethene	ND	F2 F1	49.9	42.63	F2	ug/Kg		85	71 - 125	37	20
cis-1,3-Dichloropropene	ND		49.9	48.64		ug/Kg		97	63 - 126	15	20
Carbon disulfide	ND		49.9	42.56		ug/Kg		85	53 - 125	0	20
Carbon tetrachloride	ND	F2	49.9	45.93	F2	ug/Kg		92	60 - 130	28	20
Chlorobenzene	ND		49.9	46.20		ug/Kg		93	65 - 125	0	22
Chloroethane	ND		49.9	50.67		ug/Kg		102	51 - 131	10	21
Chloroform	ND	F2 F1	49.9	41.13	F2	ug/Kg		82	70 - 125	31	20
Chloromethane	ND		49.9	56.07		ug/Kg		112	43 - 125	4	21
Dibromochloromethane	ND	F2	49.9	46.62	F2	ug/Kg		93	56 - 132	34	24
Dibromomethane	ND		49.9	44.34		ug/Kg		89	67 - 127	10	20
Dichlorodifluoromethane	ND		49.9	32.07		ug/Kg		64	47 - 127	7	20
Ethylbenzene	ND		49.9	45.39		ug/Kg		91	64 - 125	1	22
Isopropylbenzene	ND		49.9	45.95		ug/Kg		92	59 - 129	1	26
Methylene Chloride	ND		49.9	44.32		ug/Kg		89	60 - 125	7	20
Methyl-t-Butyl Ether (MTBE)	ND	F2	49.9	46.68	F2	ug/Kg		94	61 - 125	37	20
Naphthalene	ND		49.9	51.36		ug/Kg		103	25 - 136	3	32
n-Butylbenzene	ND		49.9	42.03		ug/Kg		84	35 - 135	2	35
N-Propylbenzene	ND		49.9	44.34		ug/Kg		89	52 - 131	3	27
o-Xylene	ND		49.9	45.54		ug/Kg		91	59 - 128	4	24
m,p-Xylene	ND		99.8	89.56		ug/Kg		89	60 - 125	3	24
p-Isopropyltoluene	ND		49.9	43.13		ug/Kg		86	46 - 132	0	30
sec-Butylbenzene	ND		49.9	42.56		ug/Kg		85	47 - 131	2	30
Styrene	ND		49.9	45.20		ug/Kg		91	58 - 128	4	24
trans-1,2-Dichloroethene	ND	F2 F1	49.9	40.57	F2	ug/Kg		81	67 - 125	38	20
trans-1,3-Dichloropropene	ND	F2	49.9	45.01	F2	ug/Kg		90	59 - 132	28	22
tert-Butylbenzene	ND		49.9	44.32		ug/Kg		89	53 - 126	4	28
Tetrachloroethene	ND		49.9	47.27		ug/Kg		95	62 - 129	10	21
Toluene	ND		49.9	47.68		ug/Kg		96	68 - 125	14	20
Trichloroethene	4.2	F2	49.9	50.94	F2	ug/Kg		94	41 - 169	22	21
Trichlorofluoromethane	ND		49.9	43.78		ug/Kg		88	63 - 128	14	20
Vinyl acetate	ND		49.9	44.87		ug/Kg		90	20 - 154	36	40
Vinyl chloride	ND		49.9	56.12		ug/Kg		112	59 - 125	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 141*
4-Bromofluorobenzene (Surr)	*101*		*76 - 120*
Dibromofluoromethane (Surr)	*91*		*47 - 142*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-220832/1-A
Matrix: Solid
Analysis Batch: 220837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 220832

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Trichloroethene			50.0	50.16		ug/Kg		100	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*64 - 141*
4-Bromofluorobenzene (Surr)	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*88*		*47 - 142*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-220832/2-A
Matrix: Solid
Analysis Batch: 220837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 220832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			50.0	50.75		ug/Kg		102	80 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 141*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*90*		*47 - 142*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 570-87808-A-19-D MS
Matrix: Solid
Analysis Batch: 220837

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 220832

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Trichloroethene	ND		49.6	47.09		ug/Kg		95	41 - 169		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 141*
4-Bromofluorobenzene (Surr)	*100*		*76 - 120*
Dibromofluoromethane (Surr)	*92*		*47 - 142*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 570-87808-A-19-E MSD
Matrix: Solid
Analysis Batch: 220837

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 220832

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	ND		49.5	47.13		ug/Kg		95	41 - 169	0	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 141*
4-Bromofluorobenzene (Surr)	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*91*		*47 - 142*
Toluene-d8 (Surr)	*103*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-220862/1-A
Matrix: Solid
Analysis Batch: 220837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 220862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		200		ug/Kg		03/19/22 11:12	03/19/22 14:22	50

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*64 - 141*	*03/19/22 11:12*	*03/19/22 14:22*	*50*
4-Bromofluorobenzene (Surr)	*111*		*76 - 120*	*03/19/22 11:12*	*03/19/22 14:22*	*50*
Dibromofluoromethane (Surr)	*86*		*47 - 142*	*03/19/22 11:12*	*03/19/22 14:22*	*50*
Toluene-d8 (Surr)	*113*		*80 - 120*	*03/19/22 11:12*	*03/19/22 14:22*	*50*

Lab Sample ID: MB 570-221249/8
Matrix: Water
Analysis Batch: 221249

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0		ug/L			03/22/22 13:33	1
1,1,1-Trichloroethane	ND		1.0		ug/L			03/22/22 13:33	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			03/22/22 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/L			03/22/22 13:33	1
1,1,2-Trichloroethane	ND		1.0		ug/L			03/22/22 13:33	1
1,1-Dichloroethane	ND		1.0		ug/L			03/22/22 13:33	1
1,1-Dichloroethene	ND		1.0		ug/L			03/22/22 13:33	1
1,1-Dichloropropene	ND		1.0		ug/L			03/22/22 13:33	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			03/22/22 13:33	1
1,2,3-Trichloropropane	ND		5.0		ug/L			03/22/22 13:33	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			03/22/22 13:33	1
1,2,4-Trimethylbenzene	ND		1.0		ug/L			03/22/22 13:33	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/L			03/22/22 13:33	1
1,2-Dibromoethane	ND		1.0		ug/L			03/22/22 13:33	1
1,2-Dichlorobenzene	ND		1.0		ug/L			03/22/22 13:33	1
1,2-Dichloroethane	ND		0.50		ug/L			03/22/22 13:33	1
1,2-Dichloropropane	ND		1.0		ug/L			03/22/22 13:33	1
1,3,5-Trimethylbenzene	ND		1.0		ug/L			03/22/22 13:33	1
1,3-Dichlorobenzene	ND		1.0		ug/L			03/22/22 13:33	1
1,3-Dichloropropane	ND		1.0		ug/L			03/22/22 13:33	1
1,4-Dichlorobenzene	ND		1.0		ug/L			03/22/22 13:33	1
2,2-Dichloropropane	ND		1.0		ug/L			03/22/22 13:33	1
2-Butanone	ND		20		ug/L			03/22/22 13:33	1
2-Chlorotoluene	ND		1.0		ug/L			03/22/22 13:33	1
2-Hexanone	ND		10		ug/L			03/22/22 13:33	1
4-Chlorotoluene	ND		1.0		ug/L			03/22/22 13:33	1
4-Methyl-2-pentanone	ND		10		ug/L			03/22/22 13:33	1
Acetone	ND		20		ug/L			03/22/22 13:33	1
Benzene	ND		0.50		ug/L			03/22/22 13:33	1
Bromobenzene	ND		1.0		ug/L			03/22/22 13:33	1
Bromochloromethane	ND		2.0		ug/L			03/22/22 13:33	1
Bromodichloromethane	ND		1.0		ug/L			03/22/22 13:33	1
Bromoform	ND		5.0		ug/L			03/22/22 13:33	1
Bromomethane	ND		25		ug/L			03/22/22 13:33	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			03/22/22 13:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-221249/8
Matrix: Water
Analysis Batch: 221249

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50		ug/L			03/22/22 13:33	1
Carbon disulfide	ND		10		ug/L			03/22/22 13:33	1
Carbon tetrachloride	ND		0.50		ug/L			03/22/22 13:33	1
Chlorobenzene	ND		1.0		ug/L			03/22/22 13:33	1
Chloroethane	ND		5.0		ug/L			03/22/22 13:33	1
Chloroform	ND		1.0		ug/L			03/22/22 13:33	1
Chloromethane	ND		10		ug/L			03/22/22 13:33	1
Dibromochloromethane	ND		2.0		ug/L			03/22/22 13:33	1
Dibromomethane	ND		1.0		ug/L			03/22/22 13:33	1
Dichlorodifluoromethane	ND		5.0		ug/L			03/22/22 13:33	1
Ethylbenzene	ND		1.0		ug/L			03/22/22 13:33	1
Isopropylbenzene	ND		1.0		ug/L			03/22/22 13:33	1
Methylene Chloride	ND		10		ug/L			03/22/22 13:33	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0		ug/L			03/22/22 13:33	1
Naphthalene	ND		10		ug/L			03/22/22 13:33	1
n-Butylbenzene	ND		1.0		ug/L			03/22/22 13:33	1
N-Propylbenzene	ND		1.0		ug/L			03/22/22 13:33	1
o-Xylene	ND		1.0		ug/L			03/22/22 13:33	1
m,p-Xylene	ND		2.0		ug/L			03/22/22 13:33	1
p-Isopropyltoluene	ND		1.0		ug/L			03/22/22 13:33	1
sec-Butylbenzene	ND		1.0		ug/L			03/22/22 13:33	1
Styrene	ND		1.0		ug/L			03/22/22 13:33	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			03/22/22 13:33	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			03/22/22 13:33	1
tert-Butylbenzene	ND		1.0		ug/L			03/22/22 13:33	1
Tetrachloroethene	ND		1.0		ug/L			03/22/22 13:33	1
Toluene	ND		1.0		ug/L			03/22/22 13:33	1
Trichloroethene	ND		1.0		ug/L			03/22/22 13:33	1
Trichlorofluoromethane	ND		10		ug/L			03/22/22 13:33	1
Vinyl acetate	ND		10		ug/L			03/22/22 13:33	1
Vinyl chloride	ND		0.50		ug/L			03/22/22 13:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 123*		*03/22/22 13:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/22 13:33*	*1*
Dibromofluoromethane (Surr)	*100*		*78 - 120*		*03/22/22 13:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/22 13:33*	*1*

Lab Sample ID: LCS 570-221249/4
Matrix: Water
Analysis Batch: 221249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	59.08		ug/L		118	80 - 128
1,1,1-Trichloroethane	50.0	54.52		ug/L		109	76 - 122
1,1,2,2-Tetrachloroethane	50.0	52.44		ug/L		105	79 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.09		ug/L		94	53 - 122
1,1,2-Trichloroethane	50.0	51.01		ug/L		102	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-221249/4
Matrix: Water
Analysis Batch: 221249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	50.0	49.95		ug/L		100	72 - 120
1,1-Dichloroethene	50.0	49.07		ug/L		98	64 - 121
1,1-Dichloropropene	50.0	49.56		ug/L		99	77 - 120
1,2,3-Trichlorobenzene	50.0	51.25		ug/L		103	78 - 136
1,2,3-Trichloropropane	50.0	53.64		ug/L		107	74 - 120
1,2,4-Trichlorobenzene	50.0	50.30		ug/L		101	73 - 138
1,2,4-Trimethylbenzene	50.0	52.50		ug/L		105	80 - 121
1,2-Dibromo-3-Chloropropane	50.0	56.43		ug/L		113	74 - 120
1,2-Dibromoethane	50.0	53.25		ug/L		107	80 - 120
1,2-Dichlorobenzene	50.0	51.19		ug/L		102	80 - 120
1,2-Dichloroethane	50.0	48.88		ug/L		98	76 - 120
1,2-Dichloropropane	50.0	49.60		ug/L		99	73 - 122
1,3,5-Trimethylbenzene	50.0	51.50		ug/L		103	80 - 122
1,3-Dichlorobenzene	50.0	50.46		ug/L		101	80 - 120
1,3-Dichloropropane	50.0	50.12		ug/L		100	80 - 120
1,4-Dichlorobenzene	50.0	50.33		ug/L		101	80 - 120
2,2-Dichloropropane	50.0	62.53		ug/L		125	60 - 150
2-Butanone	50.0	51.05		ug/L		102	65 - 128
2-Chlorotoluene	50.0	49.49		ug/L		99	79 - 120
2-Hexanone	50.0	51.61		ug/L		103	61 - 140
4-Chlorotoluene	50.0	51.02		ug/L		102	80 - 120
4-Methyl-2-pentanone	50.0	51.49		ug/L		103	68 - 133
Acetone	50.0	54.29		ug/L		109	50 - 134
Benzene	50.0	48.10		ug/L		96	76 - 120
Bromobenzene	50.0	51.63		ug/L		103	80 - 125
Bromochloromethane	50.0	49.31		ug/L		99	79 - 120
Bromodichloromethane	50.0	56.31		ug/L		113	80 - 123
Bromoform	50.0	64.54	*+ me	ug/L		129	80 - 128
Bromomethane	20.0	19.32	J	ug/L		97	64 - 150
cis-1,2-Dichloroethene	50.0	50.32		ug/L		101	80 - 120
cis-1,3-Dichloropropene	50.0	55.18		ug/L		110	75 - 133
Carbon disulfide	50.0	47.21		ug/L		94	67 - 126
Carbon tetrachloride	50.0	58.13		ug/L		116	80 - 127
Chlorobenzene	50.0	50.16		ug/L		100	80 - 120
Chloroethane	20.0	20.06		ug/L		100	67 - 128
Chloroform	50.0	50.32		ug/L		101	80 - 120
Chloromethane	20.0	22.88		ug/L		114	69 - 132
Dibromochloromethane	50.0	61.50		ug/L		123	79 - 130
Dibromomethane	50.0	50.87		ug/L		102	80 - 120
Dichlorodifluoromethane	20.0	31.16	*+	ug/L		156	60 - 138
Ethylbenzene	50.0	50.99		ug/L		102	80 - 120
Isopropylbenzene	50.0	50.60		ug/L		101	80 - 123
Methylene Chloride	50.0	46.63		ug/L		93	62 - 133
Methyl-t-Butyl Ether (MTBE)	50.0	48.39		ug/L		97	64 - 120
Naphthalene	50.0	50.58		ug/L		101	80 - 120
n-Butylbenzene	50.0	50.22		ug/L		100	76 - 128
N-Propylbenzene	50.0	49.99		ug/L		100	80 - 122
o-Xylene	50.0	51.01		ug/L		102	80 - 121
m,p-Xylene	100	100.3		ug/L		100	74 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-221249/4
Matrix: Water
Analysis Batch: 221249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
p-Isopropyltoluene			50.0	51.80		ug/L		104	78 - 125		
sec-Butylbenzene			50.0	50.86		ug/L		102	78 - 125		
Styrene			50.0	52.20		ug/L		104	80 - 124		
trans-1,2-Dichloroethene			50.0	48.57		ug/L		97	73 - 120		
trans-1,3-Dichloropropene			50.0	58.83		ug/L		118	80 - 132		
tert-Butylbenzene			50.0	50.50		ug/L		101	76 - 132		
Tetrachloroethene			50.0	52.39		ug/L		105	72 - 135		
Toluene			50.0	49.93		ug/L		100	76 - 120		
Trichloroethene			50.0	51.72		ug/L		103	80 - 122		
Trichlorofluoromethane			20.0	20.40		ug/L		102	69 - 139		
Vinyl acetate			50.0	53.73		ug/L		107	74 - 147		
Vinyl chloride			20.0	18.57		ug/L		93	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-221249/5
Matrix: Water
Analysis Batch: 221249

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	60.43		ug/L		121	80 - 128	2	20
1,1,1-Trichloroethane			50.0	55.94		ug/L		112	76 - 122	3	20
1,1,2,2-Tetrachloroethane			50.0	53.77		ug/L		108	79 - 120	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	47.55		ug/L		95	53 - 122	1	20
1,1,2-Trichloroethane			50.0	51.75		ug/L		103	80 - 120	1	20
1,1-Dichloroethane			50.0	50.84		ug/L		102	72 - 120	2	20
1,1-Dichloroethene			50.0	49.73		ug/L		99	64 - 121	1	20
1,1-Dichloropropene			50.0	50.27		ug/L		101	77 - 120	1	20
1,2,3-Trichlorobenzene			50.0	51.30		ug/L		103	78 - 136	0	20
1,2,3-Trichloropropane			50.0	54.95		ug/L		110	74 - 120	2	20
1,2,4-Trichlorobenzene			50.0	50.31		ug/L		101	73 - 138	0	20
1,2,4-Trimethylbenzene			50.0	53.10		ug/L		106	80 - 121	1	20
1,2-Dibromo-3-Chloropropane			50.0	58.44		ug/L		117	74 - 120	4	20
1,2-Dibromoethane			50.0	53.71		ug/L		107	80 - 120	1	20
1,2-Dichlorobenzene			50.0	51.82		ug/L		104	80 - 120	1	20
1,2-Dichloroethane			50.0	49.78		ug/L		100	76 - 120	2	20
1,2-Dichloropropane			50.0	51.25		ug/L		102	73 - 122	3	20
1,3,5-Trimethylbenzene			50.0	51.70		ug/L		103	80 - 122	0	20
1,3-Dichlorobenzene			50.0	51.46		ug/L		103	80 - 120	2	20
1,3-Dichloropropane			50.0	50.81		ug/L		102	80 - 120	1	20
1,4-Dichlorobenzene			50.0	50.48		ug/L		101	80 - 120	0	20
2,2-Dichloropropane			50.0	62.56		ug/L		125	60 - 150	0	20
2-Butanone			50.0	53.06		ug/L		106	65 - 128	4	20
2-Chlorotoluene			50.0	50.28		ug/L		101	79 - 120	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-221249/5
Matrix: Water
Analysis Batch: 221249

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone			50.0	55.37		ug/L		111	61 - 140	7	20
4-Chlorotoluene			50.0	51.74		ug/L		103	80 - 120	1	20
4-Methyl-2-pentanone			50.0	54.37		ug/L		109	68 - 133	5	20
Acetone			50.0	53.22		ug/L		106	50 - 134	2	25
Benzene			50.0	49.29		ug/L		99	76 - 120	2	20
Bromobenzene			50.0	51.95		ug/L		104	80 - 125	1	20
Bromochloromethane			50.0	49.77		ug/L		100	79 - 120	1	20
Bromodichloromethane			50.0	56.84		ug/L		114	80 - 123	1	20
Bromoform			50.0	66.52	*+ me	ug/L		133	80 - 128	3	20
Bromomethane			20.0	19.17	J	ug/L		96	64 - 150	1	20
cis-1,2-Dichloroethene			50.0	51.55		ug/L		103	80 - 120	2	20
cis-1,3-Dichloropropene			50.0	55.95		ug/L		112	75 - 133	1	20
Carbon disulfide			50.0	47.94		ug/L		96	67 - 126	2	20
Carbon tetrachloride			50.0	60.39		ug/L		121	80 - 127	4	20
Chlorobenzene			50.0	50.76		ug/L		102	80 - 120	1	20
Chloroethane			20.0	21.17		ug/L		106	67 - 128	5	20
Chloroform			50.0	50.73		ug/L		101	80 - 120	1	20
Chloromethane			20.0	22.87		ug/L		114	69 - 132	0	20
Dibromochloromethane			50.0	62.68		ug/L		125	79 - 130	2	20
Dibromomethane			50.0	51.80		ug/L		104	80 - 120	2	20
Dichlorodifluoromethane			20.0	32.55	*+	ug/L		163	60 - 138	4	21
Ethylbenzene			50.0	51.42		ug/L		103	80 - 120	1	20
Isopropylbenzene			50.0	51.33		ug/L		103	80 - 123	1	20
Methylene Chloride			50.0	47.38		ug/L		95	62 - 133	2	20
Methyl-t-Butyl Ether (MTBE)			50.0	48.85		ug/L		98	64 - 120	1	20
Naphthalene			50.0	51.29		ug/L		103	80 - 120	1	20
n-Butylbenzene			50.0	50.53		ug/L		101	76 - 128	1	20
N-Propylbenzene			50.0	50.68		ug/L		101	80 - 122	1	20
o-Xylene			50.0	51.49		ug/L		103	80 - 121	1	20
m,p-Xylene			100	101.5		ug/L		102	74 - 122	1	20
p-Isopropyltoluene			50.0	52.16		ug/L		104	78 - 125	1	20
sec-Butylbenzene			50.0	51.95		ug/L		104	78 - 125	2	20
Styrene			50.0	52.74		ug/L		105	80 - 124	1	20
trans-1,2-Dichloroethene			50.0	50.33		ug/L		101	73 - 120	4	20
trans-1,3-Dichloropropene			50.0	59.64		ug/L		119	80 - 132	1	20
tert-Butylbenzene			50.0	51.52		ug/L		103	76 - 132	2	20
Tetrachloroethene			50.0	53.27		ug/L		107	72 - 135	2	20
Toluene			50.0	50.95		ug/L		102	76 - 120	2	20
Trichloroethene			50.0	52.74		ug/L		105	80 - 122	2	20
Trichlorofluoromethane			20.0	19.76		ug/L		99	69 - 139	3	20
Vinyl acetate			50.0	56.02		ug/L		112	74 - 147	4	20
Vinyl chloride			20.0	19.17		ug/L		96	70 - 124	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 123*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-221559/8
Matrix: Water
Analysis Batch: 221559

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0		ug/L			03/23/22 13:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 123*		*03/23/22 13:36*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/23/22 13:36*	*1*
Dibromofluoromethane (Surr)	*99*		*78 - 120*		*03/23/22 13:36*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/23/22 13:36*	*1*

Lab Sample ID: LCS 570-221559/4
Matrix: Water
Analysis Batch: 221559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Trichloroethene			50.0	49.68		ug/L		99	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 123*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-221559/5
Matrix: Water
Analysis Batch: 221559

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene			50.0	49.44		ug/L		99	80 - 122	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 123*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*78 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Marginal Exceedance (ME) Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-220539/1-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	49.04		ug/Kg	98	80 - 124	73 - 130	
1,1,1-Trichloroethane	50.0	45.48		ug/Kg	91	73 - 121	73 - 128	
1,1,2,2-Tetrachloroethane	50.0	46.07		ug/Kg	92	76 - 123	73 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	42.77		ug/Kg	86	64 - 120	72 - 127	
1,1,2-Trichloroethane	50.0	45.47		ug/Kg	91	80 - 120	73 - 128	
1,1-Dichloroethane	50.0	51.77		ug/Kg	104	71 - 120	73 - 127	
1,1-Dichloroethene	50.0	52.37		ug/Kg	105	68 - 120	62 - 128	
1,1-Dichloropropene	50.0	48.44		ug/Kg	97	74 - 122	69 - 131	
1,2,3-Trichlorobenzene	50.0	58.62		ug/Kg	117	80 - 128	72 - 136	
1,2,3-Trichloropropane	50.0	47.86		ug/Kg	96	74 - 122	73 - 127	
1,2,4-Trichlorobenzene	50.0	55.58		ug/Kg	111	80 - 132	72 - 135	
1,2,4-Trimethylbenzene	50.0	47.55		ug/Kg	95	80 - 120	73 - 127	
1,2-Dibromo-3-Chloropropane	50.0	46.77		ug/Kg	94	65 - 120	49 - 130	
1,2-Dibromoethane	50.0	48.88		ug/Kg	98	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	49.65		ug/Kg	99	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	46.61		ug/Kg	93	76 - 126	73 - 127	
1,2-Dichloropropane	50.0	56.78		ug/Kg	114	80 - 120	70 - 134	
1,3,5-Trimethylbenzene	50.0	48.91		ug/Kg	98	78 - 124	73 - 127	
1,3-Dichlorobenzene	50.0	49.29		ug/Kg	99	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	47.72		ug/Kg	95	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	49.10		ug/Kg	98	80 - 120	73 - 127	
2,2-Dichloropropane	50.0	44.10		ug/Kg	88	68 - 129	62 - 135	
2-Butanone	50.0	55.62		ug/Kg	111	63 - 129	46 - 149	
2-Chlorotoluene	50.0	48.09		ug/Kg	96	77 - 122	73 - 127	
2-Hexanone	50.0	61.74		ug/Kg	123	67 - 130	30 - 152	
4-Chlorotoluene	50.0	46.06		ug/Kg	92	80 - 120	73 - 127	
4-Methyl-2-pentanone	50.0	61.74	*+ me	ug/Kg	123	73 - 122	46 - 144	ME
Acetone	50.0	57.45		ug/Kg	115	62 - 123	34 - 153	
Benzene	50.0	48.47		ug/Kg	97	76 - 120	73 - 127	
Bromobenzene	50.0	50.87		ug/Kg	102	80 - 124	73 - 127	
Bromochloromethane	50.0	44.21		ug/Kg	88	77 - 120	73 - 129	
Bromodichloromethane	50.0	48.39		ug/Kg	97	80 - 127	72 - 135	
Bromoform	50.0	45.77		ug/Kg	92	69 - 131	64 - 134	
Bromomethane	50.0	47.47		ug/Kg	95	39 - 143	32 - 201	
cis-1,2-Dichloroethene	50.0	43.85		ug/Kg	88	77 - 121	73 - 128	
cis-1,3-Dichloropropene	50.0	50.77		ug/Kg	102	80 - 121	73 - 129	
Carbon disulfide	50.0	43.91		ug/Kg	88	59 - 128	69 - 127	
Carbon tetrachloride	50.0	48.13		ug/Kg	96	68 - 132	73 - 133	
Chlorobenzene	50.0	49.34		ug/Kg	99	80 - 120	73 - 127	
Chloroethane	50.0	51.97		ug/Kg	104	59 - 135	64 - 142	
Chloroform	50.0	42.44		ug/Kg	85	77 - 121	66 - 137	
Chloromethane	50.0	56.07		ug/Kg	112	51 - 129	24 - 151	
Dibromochloromethane	50.0	47.44		ug/Kg	95	77 - 127	73 - 130	
Dibromomethane	50.0	45.46		ug/Kg	91	80 - 124	73 - 128	
Dichlorodifluoromethane	50.0	32.92		ug/Kg	66	53 - 133	26 - 140	
Ethylbenzene	50.0	49.22		ug/Kg	98	80 - 120	73 - 127	
Isopropylbenzene	50.0	50.25		ug/Kg	100	80 - 123	73 - 127	
Methylene Chloride	50.0	45.01		ug/Kg	90	70 - 120	69 - 129	
Methyl-t-Butyl Ether (MTBE)	50.0	46.47		ug/Kg	93	70 - 120	62 - 148	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-220539/1-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Naphthalene	50.0	56.41		ug/Kg	113	76 - 121	65 - 130	
n-Butylbenzene	50.0	48.44		ug/Kg	97	78 - 123	69 - 127	
N-Propylbenzene	50.0	49.32		ug/Kg	99	78 - 123	73 - 127	
o-Xylene	50.0	49.57		ug/Kg	99	76 - 125	73 - 127	
m,p-Xylene	100	96.54		ug/Kg	97	75 - 122	73 - 127	
p-Isopropyltoluene	50.0	48.59		ug/Kg	97	80 - 121	73 - 127	
sec-Butylbenzene	50.0	48.24		ug/Kg	96	80 - 120	68 - 128	
Styrene	50.0	49.60		ug/Kg	99	79 - 123	73 - 127	
trans-1,2-Dichloroethene	50.0	41.41		ug/Kg	83	71 - 120	72 - 127	
trans-1,3-Dichloropropene	50.0	46.54		ug/Kg	93	80 - 126	73 - 133	
tert-Butylbenzene	50.0	49.15		ug/Kg	98	80 - 120	65 - 128	
Tetrachloroethene	50.0	50.68		ug/Kg	101	80 - 123	60 - 133	
Toluene	50.0	50.70		ug/Kg	101	79 - 120	73 - 127	
Trichloroethene	50.0	50.04		ug/Kg	100	80 - 120	73 - 127	
Trichlorofluoromethane	50.0	45.85		ug/Kg	92	69 - 133	34 - 179	
Vinyl acetate	50.0	44.99		ug/Kg	90	78 - 138	61 - 143	
Vinyl chloride	50.0	57.18		ug/Kg	114	65 - 129	67 - 148	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
66	3	1

ME = Marginal Exceedance

Lab Sample ID: LCSD 570-220539/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	49.34		ug/Kg	99	80 - 124	73 - 130	
1,1,1-Trichloroethane	50.0	46.04		ug/Kg	92	73 - 121	73 - 128	
1,1,2,2-Tetrachloroethane	50.0	46.96		ug/Kg	94	76 - 123	73 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.91		ug/Kg	88	64 - 120	72 - 127	
1,1,2-Trichloroethane	50.0	46.20		ug/Kg	92	80 - 120	73 - 128	
1,1-Dichloroethane	50.0	52.31		ug/Kg	105	71 - 120	73 - 127	
1,1-Dichloroethene	50.0	52.28		ug/Kg	105	68 - 120	62 - 128	
1,1-Dichloropropene	50.0	49.37		ug/Kg	99	74 - 122	69 - 131	
1,2,3-Trichlorobenzene	50.0	57.33		ug/Kg	115	80 - 128	72 - 136	
1,2,3-Trichloropropane	50.0	48.64		ug/Kg	97	74 - 122	73 - 127	
1,2,4-Trichlorobenzene	50.0	54.79		ug/Kg	110	80 - 132	72 - 135	
1,2,4-Trimethylbenzene	50.0	45.87		ug/Kg	92	80 - 120	73 - 127	
1,2-Dibromo-3-Chloropropane	50.0	46.73		ug/Kg	93	65 - 120	49 - 130	
1,2-Dibromoethane	50.0	49.31		ug/Kg	99	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	49.58		ug/Kg	99	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	48.00		ug/Kg	96	76 - 126	73 - 127	
1,2-Dichloropropane	50.0	57.20		ug/Kg	114	80 - 120	70 - 134	
1,3,5-Trimethylbenzene	50.0	48.11		ug/Kg	96	78 - 124	73 - 127	
1,3-Dichlorobenzene	50.0	48.60		ug/Kg	97	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	47.75		ug/Kg	95	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	47.87		ug/Kg	96	80 - 120	73 - 127	

Marginal Exceedance (ME) Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-220539/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
2,2-Dichloropropane	50.0	44.31		ug/Kg	89	68 - 129	62 - 135	
2-Butanone	50.0	61.10		ug/Kg	122	63 - 129	46 - 149	
2-Chlorotoluene	50.0	47.51		ug/Kg	95	77 - 122	73 - 127	
2-Hexanone	50.0	62.46		ug/Kg	125	67 - 130	30 - 152	
4-Chlorotoluene	50.0	45.29		ug/Kg	91	80 - 120	73 - 127	
4-Methyl-2-pentanone	50.0	64.09	*+ me	ug/Kg	128	73 - 122	46 - 144	ME
Acetone	50.0	61.71		ug/Kg	123	62 - 123	34 - 153	
Benzene	50.0	48.61		ug/Kg	97	76 - 120	73 - 127	
Bromobenzene	50.0	49.46		ug/Kg	99	80 - 124	73 - 127	
Bromochloromethane	50.0	45.20		ug/Kg	90	77 - 120	73 - 129	
Bromodichloromethane	50.0	48.84		ug/Kg	98	80 - 127	72 - 135	
Bromoform	50.0	46.76		ug/Kg	94	69 - 131	64 - 134	
Bromomethane	50.0	48.18		ug/Kg	96	39 - 143	32 - 201	
cis-1,2-Dichloroethene	50.0	44.03		ug/Kg	88	77 - 121	73 - 128	
cis-1,3-Dichloropropene	50.0	51.79		ug/Kg	104	80 - 121	73 - 129	
Carbon disulfide	50.0	43.55		ug/Kg	87	59 - 128	69 - 127	
Carbon tetrachloride	50.0	48.09		ug/Kg	96	68 - 132	73 - 133	
Chlorobenzene	50.0	48.98		ug/Kg	98	80 - 120	73 - 127	
Chloroethane	50.0	52.70		ug/Kg	105	59 - 135	64 - 142	
Chloroform	50.0	42.69		ug/Kg	85	77 - 121	66 - 137	
Chloromethane	50.0	56.27		ug/Kg	113	51 - 129	24 - 151	
Dibromochloromethane	50.0	48.48		ug/Kg	97	77 - 127	73 - 130	
Dibromomethane	50.0	46.66		ug/Kg	93	80 - 124	73 - 128	
Dichlorodifluoromethane	50.0	32.88		ug/Kg	66	53 - 133	26 - 140	
Ethylbenzene	50.0	48.39		ug/Kg	97	80 - 120	73 - 127	
Isopropylbenzene	50.0	48.93		ug/Kg	98	80 - 123	73 - 127	
Methylene Chloride	50.0	45.21		ug/Kg	90	70 - 120	69 - 129	
Methyl-t-Butyl Ether (MTBE)	50.0	47.75		ug/Kg	96	70 - 120	62 - 148	
Naphthalene	50.0	56.13		ug/Kg	112	76 - 121	65 - 130	
n-Butylbenzene	50.0	47.68		ug/Kg	95	78 - 123	69 - 127	
N-Propylbenzene	50.0	48.54		ug/Kg	97	78 - 123	73 - 127	
o-Xylene	50.0	48.34		ug/Kg	97	76 - 125	73 - 127	
m,p-Xylene	100	94.44		ug/Kg	94	75 - 122	73 - 127	
p-Isopropyltoluene	50.0	47.20		ug/Kg	94	80 - 121	73 - 127	
sec-Butylbenzene	50.0	47.35		ug/Kg	95	80 - 120	68 - 128	
Styrene	50.0	48.33		ug/Kg	97	79 - 123	73 - 127	
trans-1,2-Dichloroethene	50.0	42.69		ug/Kg	85	71 - 120	72 - 127	
trans-1,3-Dichloropropene	50.0	47.18		ug/Kg	94	80 - 126	73 - 133	
tert-Butylbenzene	50.0	48.16		ug/Kg	96	80 - 120	65 - 128	
Tetrachloroethene	50.0	50.75		ug/Kg	102	80 - 123	60 - 133	
Toluene	50.0	49.49		ug/Kg	99	79 - 120	73 - 127	
Trichloroethene	50.0	50.27		ug/Kg	101	80 - 120	73 - 127	
Trichlorofluoromethane	50.0	45.75		ug/Kg	91	69 - 133	34 - 179	
Vinyl acetate	50.0	49.57		ug/Kg	99	78 - 138	61 - 143	
Vinyl chloride	50.0	57.69		ug/Kg	115	65 - 129	67 - 148	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
66	3	1

Marginal Exceedance (ME) Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

ME = Marginal Exceedance

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-221249/4
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	59.08		ug/L	118	80 - 128	72 - 136	
1,1,1-Trichloroethane	50.0	54.52		ug/L	109	76 - 122	68 - 130	
1,1,2,2-Tetrachloroethane	50.0	52.44		ug/L	105	79 - 120	72 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.09		ug/L	94	53 - 122	42 - 134	
1,1,2-Trichloroethane	50.0	51.01		ug/L	102	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	49.95		ug/L	100	72 - 120	64 - 128	
1,1-Dichloroethene	50.0	49.07		ug/L	98	64 - 121	55 - 131	
1,1-Dichloropropene	50.0	49.56		ug/L	99	77 - 120	70 - 127	
1,2,3-Trichlorobenzene	50.0	51.25		ug/L	103	78 - 136	68 - 146	
1,2,3-Trichloropropane	50.0	53.64		ug/L	107	74 - 120	66 - 128	
1,2,4-Trichlorobenzene	50.0	50.30		ug/L	101	73 - 138	62 - 149	
1,2,4-Trimethylbenzene	50.0	52.50		ug/L	105	80 - 121	73 - 128	
1,2-Dibromo-3-Chloropropane	50.0	56.43		ug/L	113	74 - 120	66 - 128	
1,2-Dibromoethane	50.0	53.25		ug/L	107	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	51.19		ug/L	102	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	48.88		ug/L	98	76 - 120	69 - 127	
1,2-Dichloropropane	50.0	49.60		ug/L	99	73 - 122	65 - 130	
1,3,5-Trimethylbenzene	50.0	51.50		ug/L	103	80 - 122	73 - 129	
1,3-Dichlorobenzene	50.0	50.46		ug/L	101	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	50.12		ug/L	100	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	50.33		ug/L	101	80 - 120	73 - 127	
2,2-Dichloropropane	50.0	62.53		ug/L	125	60 - 150	45 - 165	
2-Butanone	50.0	51.05		ug/L	102	65 - 128	55 - 139	
2-Chlorotoluene	50.0	49.49		ug/L	99	79 - 120	72 - 127	
2-Hexanone	50.0	51.61		ug/L	103	61 - 140	48 - 153	
4-Chlorotoluene	50.0	51.02		ug/L	102	80 - 120	73 - 127	
4-Methyl-2-pentanone	50.0	51.49		ug/L	103	68 - 133	57 - 144	
Acetone	50.0	54.29		ug/L	109	50 - 134	36 - 148	
Benzene	50.0	48.10		ug/L	96	76 - 120	69 - 127	
Bromobenzene	50.0	51.63		ug/L	103	80 - 125	73 - 133	
Bromochloromethane	50.0	49.31		ug/L	99	79 - 120	72 - 127	
Bromodichloromethane	50.0	56.31		ug/L	113	80 - 123	73 - 130	
Bromoform	50.0	64.54	*+ me	ug/L	129	80 - 128	72 - 136	ME
Bromomethane	20.0	19.32	J	ug/L	97	64 - 150	50 - 164	
cis-1,2-Dichloroethene	50.0	50.32		ug/L	101	80 - 120	73 - 127	
cis-1,3-Dichloropropene	50.0	55.18		ug/L	110	75 - 133	65 - 143	
Carbon disulfide	50.0	47.21		ug/L	94	67 - 126	57 - 136	
Carbon tetrachloride	50.0	58.13		ug/L	116	80 - 127	72 - 135	
Chlorobenzene	50.0	50.16		ug/L	100	80 - 120	73 - 127	
Chloroethane	20.0	20.06		ug/L	100	67 - 128	57 - 138	
Chloroform	50.0	50.32		ug/L	101	80 - 120	73 - 127	
Chloromethane	20.0	22.88		ug/L	114	69 - 132	59 - 143	
Dibromochloromethane	50.0	61.50		ug/L	123	79 - 130	71 - 139	
Dibromomethane	50.0	50.87		ug/L	102	80 - 120	73 - 127	
Dichlorodifluoromethane	20.0	31.16	*+	ug/L	156	60 - 138	47 - 151	X
Ethylbenzene	50.0	50.99		ug/L	102	80 - 120	73 - 127	
Isopropylbenzene	50.0	50.60		ug/L	101	80 - 123	73 - 130	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-221249/4
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Methylene Chloride	50.0	46.63		ug/L	93	62 - 133	50 - 145	
Methyl-t-Butyl Ether (MTBE)	50.0	48.39		ug/L	97	64 - 120	55 - 129	
Naphthalene	50.0	50.58		ug/L	101	80 - 120	73 - 127	
n-Butylbenzene	50.0	50.22		ug/L	100	76 - 128	67 - 137	
N-Propylbenzene	50.0	49.99		ug/L	100	80 - 122	73 - 129	
o-Xylene	50.0	51.01		ug/L	102	80 - 121	73 - 128	
m,p-Xylene	100	100.3		ug/L	100	74 - 122	66 - 130	
p-Isopropyltoluene	50.0	51.80		ug/L	104	78 - 125	70 - 133	
sec-Butylbenzene	50.0	50.86		ug/L	102	78 - 125	70 - 133	
Styrene	50.0	52.20		ug/L	104	80 - 124	73 - 131	
trans-1,2-Dichloroethene	50.0	48.57		ug/L	97	73 - 120	65 - 128	
trans-1,3-Dichloropropene	50.0	58.83		ug/L	118	80 - 132	71 - 141	
tert-Butylbenzene	50.0	50.50		ug/L	101	76 - 132	67 - 141	
Tetrachloroethene	50.0	52.39		ug/L	105	72 - 135	62 - 146	
Toluene	50.0	49.93		ug/L	100	76 - 120	69 - 127	
Trichloroethene	50.0	51.72		ug/L	103	80 - 122	73 - 129	
Trichlorofluoromethane	20.0	20.40		ug/L	102	69 - 139	57 - 151	
Vinyl acetate	50.0	53.73		ug/L	107	74 - 147	62 - 159	
Vinyl chloride	20.0	18.57		ug/L	93	70 - 124	61 - 133	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
66	3	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

Lab Sample ID: LCSD 570-221249/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	60.43		ug/L	121	80 - 128	72 - 136	
1,1,1-Trichloroethane	50.0	55.94		ug/L	112	76 - 122	68 - 130	
1,1,2,2-Tetrachloroethane	50.0	53.77		ug/L	108	79 - 120	72 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.55		ug/L	95	53 - 122	42 - 134	
1,1,2-Trichloroethane	50.0	51.75		ug/L	103	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	50.84		ug/L	102	72 - 120	64 - 128	
1,1-Dichloroethene	50.0	49.73		ug/L	99	64 - 121	55 - 131	
1,1-Dichloropropene	50.0	50.27		ug/L	101	77 - 120	70 - 127	
1,2,3-Trichlorobenzene	50.0	51.30		ug/L	103	78 - 136	68 - 146	
1,2,3-Trichloropropane	50.0	54.95		ug/L	110	74 - 120	66 - 128	
1,2,4-Trichlorobenzene	50.0	50.31		ug/L	101	73 - 138	62 - 149	
1,2,4-Trimethylbenzene	50.0	53.10		ug/L	106	80 - 121	73 - 128	
1,2-Dibromo-3-Chloropropane	50.0	58.44		ug/L	117	74 - 120	66 - 128	
1,2-Dibromoethane	50.0	53.71		ug/L	107	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	51.82		ug/L	104	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	49.78		ug/L	100	76 - 120	69 - 127	
1,2-Dichloropropane	50.0	51.25		ug/L	102	73 - 122	65 - 130	
1,3,5-Trimethylbenzene	50.0	51.70		ug/L	103	80 - 122	73 - 129	

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-221249/5
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,3-Dichlorobenzene	50.0	51.46		ug/L	103	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	50.81		ug/L	102	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	50.48		ug/L	101	80 - 120	73 - 127	
2,2-Dichloropropane	50.0	62.56		ug/L	125	60 - 150	45 - 165	
2-Butanone	50.0	53.06		ug/L	106	65 - 128	55 - 139	
2-Chlorotoluene	50.0	50.28		ug/L	101	79 - 120	72 - 127	
2-Hexanone	50.0	55.37		ug/L	111	61 - 140	48 - 153	
4-Chlorotoluene	50.0	51.74		ug/L	103	80 - 120	73 - 127	
4-Methyl-2-pentanone	50.0	54.37		ug/L	109	68 - 133	57 - 144	
Acetone	50.0	53.22		ug/L	106	50 - 134	36 - 148	
Benzene	50.0	49.29		ug/L	99	76 - 120	69 - 127	
Bromobenzene	50.0	51.95		ug/L	104	80 - 125	73 - 133	
Bromochloromethane	50.0	49.77		ug/L	100	79 - 120	72 - 127	
Bromodichloromethane	50.0	56.84		ug/L	114	80 - 123	73 - 130	
Bromoform	50.0	66.52	*+ me	ug/L	133	80 - 128	72 - 136	ME
Bromomethane	20.0	19.17	J	ug/L	96	64 - 150	50 - 164	
cis-1,2-Dichloroethene	50.0	51.55		ug/L	103	80 - 120	73 - 127	
cis-1,3-Dichloropropene	50.0	55.95		ug/L	112	75 - 133	65 - 143	
Carbon disulfide	50.0	47.94		ug/L	96	67 - 126	57 - 136	
Carbon tetrachloride	50.0	60.39		ug/L	121	80 - 127	72 - 135	
Chlorobenzene	50.0	50.76		ug/L	102	80 - 120	73 - 127	
Chloroethane	20.0	21.17		ug/L	106	67 - 128	57 - 138	
Chloroform	50.0	50.73		ug/L	101	80 - 120	73 - 127	
Chloromethane	20.0	22.87		ug/L	114	69 - 132	59 - 143	
Dibromochloromethane	50.0	62.68		ug/L	125	79 - 130	71 - 139	
Dibromomethane	50.0	51.80		ug/L	104	80 - 120	73 - 127	
Dichlorodifluoromethane	20.0	32.55	*+	ug/L	163	60 - 138	47 - 151	X
Ethylbenzene	50.0	51.42		ug/L	103	80 - 120	73 - 127	
Isopropylbenzene	50.0	51.33		ug/L	103	80 - 123	73 - 130	
Methylene Chloride	50.0	47.38		ug/L	95	62 - 133	50 - 145	
Methyl-t-Butyl Ether (MTBE)	50.0	48.85		ug/L	98	64 - 120	55 - 129	
Naphthalene	50.0	51.29		ug/L	103	80 - 120	73 - 127	
n-Butylbenzene	50.0	50.53		ug/L	101	76 - 128	67 - 137	
N-Propylbenzene	50.0	50.68		ug/L	101	80 - 122	73 - 129	
o-Xylene	50.0	51.49		ug/L	103	80 - 121	73 - 128	
m,p-Xylene	100	101.5		ug/L	102	74 - 122	66 - 130	
p-Isopropyltoluene	50.0	52.16		ug/L	104	78 - 125	70 - 133	
sec-Butylbenzene	50.0	51.95		ug/L	104	78 - 125	70 - 133	
Styrene	50.0	52.74		ug/L	105	80 - 124	73 - 131	
trans-1,2-Dichloroethene	50.0	50.33		ug/L	101	73 - 120	65 - 128	
trans-1,3-Dichloropropene	50.0	59.64		ug/L	119	80 - 132	71 - 141	
tert-Butylbenzene	50.0	51.52		ug/L	103	76 - 132	67 - 141	
Tetrachloroethene	50.0	53.27		ug/L	107	72 - 135	62 - 146	
Toluene	50.0	50.95		ug/L	102	76 - 120	69 - 127	
Trichloroethene	50.0	52.74		ug/L	105	80 - 122	73 - 129	
Trichlorofluoromethane	20.0	19.76		ug/L	99	69 - 139	57 - 151	
Vinyl acetate	50.0	56.02		ug/L	112	74 - 147	62 - 159	
Vinyl chloride	20.0	19.17		ug/L	96	70 - 124	61 - 133	

Summary

Marginal Exceedance (ME) Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
66	3	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

GC/MS VOA

Prep Batch: 220539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87522-1	DGA-024-1	Total/NA	Solid	5030C	
570-87522-2	DGA-024-3	Total/NA	Solid	5030C	
570-87522-3	DGA-024-4.5	Total/NA	Solid	5030C	
570-87522-4	DGA-025-1.5	Total/NA	Solid	5030C	
570-87522-5	DGA-025-3	Total/NA	Solid	5030C	
570-87522-6	DGA-025-5	Total/NA	Solid	5030C	
570-87522-7	DGA-026-3	Total/NA	Solid	5030C	
570-87522-8	DGA-026-4.5	Total/NA	Solid	5030C	
570-87522-9	DGA-026-6	Total/NA	Solid	5030C	
MB 570-220539/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-220539/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-220539/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-87522-7 MS	DGA-026-3	Total/NA	Solid	5030C	
570-87522-7 MSD	DGA-026-3	Total/NA	Solid	5030C	

Analysis Batch: 220591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87522-1	DGA-024-1	Total/NA	Solid	8260B	220539
570-87522-2	DGA-024-3	Total/NA	Solid	8260B	220539
570-87522-3	DGA-024-4.5	Total/NA	Solid	8260B	220539
570-87522-4	DGA-025-1.5	Total/NA	Solid	8260B	220539
570-87522-5	DGA-025-3	Total/NA	Solid	8260B	220539
570-87522-6	DGA-025-5	Total/NA	Solid	8260B	220539
570-87522-7	DGA-026-3	Total/NA	Solid	8260B	220539
570-87522-8	DGA-026-4.5	Total/NA	Solid	8260B	220539
570-87522-9	DGA-026-6	Total/NA	Solid	8260B	220539
MB 570-220539/3-A	Method Blank	Total/NA	Solid	8260B	220539
LCS 570-220539/1-A	Lab Control Sample	Total/NA	Solid	8260B	220539
LCSD 570-220539/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	220539
570-87522-7 MS	DGA-026-3	Total/NA	Solid	8260B	220539
570-87522-7 MSD	DGA-026-3	Total/NA	Solid	8260B	220539

Prep Batch: 220832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-220832/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-220832/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-87808-A-19-D MS	Matrix Spike	Total/NA	Solid	5030C	
570-87808-A-19-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5030C	

Analysis Batch: 220837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87522-1 - DL	DGA-024-1	Total/NA	Solid	8260B	220862
570-87522-4 - DL	DGA-025-1.5	Total/NA	Solid	8260B	220862
MB 570-220862/1-A	Method Blank	Total/NA	Solid	8260B	220862
LCS 570-220832/1-A	Lab Control Sample	Total/NA	Solid	8260B	220832
LCSD 570-220832/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	220832
570-87808-A-19-D MS	Matrix Spike	Total/NA	Solid	8260B	220832
570-87808-A-19-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	220832

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

GC/MS VOA

Prep Batch: 220862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87522-1 - DL	DGA-024-1	Total/NA	Solid	5030C	
570-87522-4 - DL	DGA-025-1.5	Total/NA	Solid	5030C	
MB 570-220862/1-A	Method Blank	Total/NA	Solid	5030C	

Analysis Batch: 221249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87522-10	DGA-005-20-GW	Total/NA	Water	8260B	
570-87522-11	TB-1	Total/NA	Water	8260B	
MB 570-221249/8	Method Blank	Total/NA	Water	8260B	
LCS 570-221249/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-221249/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 221559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-87522-10 - DL	DGA-005-20-GW	Total/NA	Water	8260B	
MB 570-221559/8	Method Blank	Total/NA	Water	8260B	
LCS 570-221559/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-221559/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Client Sample ID: DGA-024-1
Date Collected: 03/10/22 09:19
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.11 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 15:57	U4JL	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	5030C	DL		5.06 g	10 mL	220862	03/19/22 11:12	AH8S	ECL 4
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	220837	03/19/22 21:39	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-024-3
Date Collected: 03/10/22 09:21
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.07 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 16:22	U4JL	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-024-4.5
Date Collected: 03/10/22 09:23
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.08 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 16:48	U4JL	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-025-1.5
Date Collected: 03/10/22 08:58
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.09 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 17:14	U4JL	ECL 4
	Instrument ID: GCMSLL									
Total/NA	Prep	5030C	DL		5.01 g	10 mL	220862	03/19/22 11:12	AH8S	ECL 4
Total/NA	Analysis	8260B	DL	100	5 mL	5 mL	220837	03/19/22 22:05	OH1	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-025-3
Date Collected: 03/10/22 09:03
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.04 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 17:39	U4JL	ECL 4
	Instrument ID: GCMSLL									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Client Sample ID: DGA-025-5
Date Collected: 03/10/22 09:05
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.10 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 18:05	U4JL	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-026-3
Date Collected: 03/10/22 08:42
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.07 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 13:23	U4JL	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-026-4.5
Date Collected: 03/10/22 08:43
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.02 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 18:30	U4JL	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-026-6
Date Collected: 03/10/22 08:44
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.12 g	5 mL	220539	03/18/22 08:53	AH8S	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	220591	03/18/22 18:56	U4JL	ECL 4
	Instrument ID: GCMSLL									

Client Sample ID: DGA-005-20-GW
Date Collected: 03/10/22 09:34
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	221249	03/22/22 18:45	KHF2	ECL 4
	Instrument ID: GCMSXX									
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	221559	03/23/22 21:13	OH1	ECL 4
	Instrument ID: GCMSXX									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Client Sample ID: TB-1

Date Collected: 03/10/22 14:18
Date Received: 03/10/22 18:20

Lab Sample ID: 570-87522-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	221249	03/22/22 18:21	KHF2	ECL 4
	Instrument ID: GCMSXX									

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-87522-1
Project/Site: Rohr Chula Vista - Parcel A

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-31-23

Method Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 4
5030C	Purge and Trap	SW846	ECL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Rohr Chula Vista - Parcel A

Job ID: 570-87522-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-87522-1	DGA-024-1	Solid	03/10/22 09:19	03/10/22 18:20
570-87522-2	DGA-024-3	Solid	03/10/22 09:21	03/10/22 18:20
570-87522-3	DGA-024-4.5	Solid	03/10/22 09:23	03/10/22 18:20
570-87522-4	DGA-025-1.5	Solid	03/10/22 08:58	03/10/22 18:20
570-87522-5	DGA-025-3	Solid	03/10/22 09:03	03/10/22 18:20
570-87522-6	DGA-025-5	Solid	03/10/22 09:05	03/10/22 18:20
570-87522-7	DGA-026-3	Solid	03/10/22 08:42	03/10/22 18:20
570-87522-8	DGA-026-4.5	Solid	03/10/22 08:43	03/10/22 18:20
570-87522-9	DGA-026-6	Solid	03/10/22 08:44	03/10/22 18:20
570-87522-10	DGA-005-20-GW	Water	03/10/22 09:34	03/10/22 18:20
570-87522-11	TB-1	Water	03/10/22 14:18	03/10/22 18:20

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570-87522 Chain of Custody

CHAIN OF CUSTODY RECORD

DATE: 3/10/2022

PAGE: 1 OF 2

LABORATORY CLIENT: Haley & Aldrich	CLIENT PROJECT NAME / NUMBER: Rohr Chula Vista - Parcel A
ADDRESS: 5333 Mission Center Rd Suite 300	P O NO / Blanket Service Agreement No: 0127827-043
CITY: San Diego STATE: CA ZIP: 92108	PROJECT CONTACT: B Scott
TEL: 619-888-0668 E MAIL: bscott@haleyaldrich com	SAMPLER(S) (PRINT): KN

TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD')

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS x STANDARD

x COELT EDF | GLOBAL ID: T10000011095 | LOG CODE: HAIS

SPECIAL INSTRUCTIONS

EPA 8260B/5030 C

ECI Project#57010429 produce EQuIS EDDs, report J flags

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	VOC's	FIELD POINT ID
	D6A-024-1	3/10/22	0919	Soil	1	X			X	D6A-024
	D6A-024-3	3/10/22	0921	Soil	1	X			X	D6A-024
	D6A-024-4.5	3/10/22	0923	Soil	1	X			X	D6A-024
	D6A-025-1.5	3/10/22	0858	Soil	1	X			X	D6A-025
	D6A-025-3	3/10/22	0903 0910	Soil	1	X			X	D6A-025
	D6A-025-5	3/10/22	0905	Soil	1	X			X	D6A-025
	D6A-026-3	3/10/22	0842	Soil	1	X			X	D6A-026
	D6A-026-4.5	3/10/22	0843	Soil	1	X			X	D6A-026
	D6A-026-6	3/10/22	0844	Soil	1	X			X	D6A-026

Relinquished by: (Signature)	Received by: (Signature/Affiliation) William Rivera	Date 3/10/22	Time 1446
Relinquished by: (Signature) William Rivera	Received by: (Signature/Affiliation) EC	Date 3/10/22	Time 1820
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time

2.4/0.9 SC6

06/02/14 Revision

3/24/2022

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CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY

DATE: 3/10/2022
PAGE: 2 OF 2

LABORATORY CLIENT: Haley & Aldrich
ADDRESS: 5333 Mission Center Rd Suite 300
CITY: San Diego STATE: CA ZIP: 92108
TEL.: 619-888-0668 E-MAIL.: bscott@haleyaldrich.com

CLIENT PROJECT NAME / NUMBER: Rohr Chula Vista - Parcel A
P O NO: Blanket Service Agreement No 0127827-043
PROJECT CONTACT: B Scott
SAMPLER(S) (PRINT): KN

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS x STANDARD

x COELT EDF | GLOBAL ID: T10000011095 | LOG CODE: HAIS

SPECIAL INSTRUCTIONS:
EPA 8260B/5030 C

ECI Project#57010429 produce EQuIS EDDs, report J flags

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	VOC's	FIELD POINT ID
	D6A-005-20-GW	3/10/22	0934	Water	3		X		X	D6A-005
	~~D6A-008~~	~~3/10/22~~		~~Water~~	~~3~~		~~X~~		~~X~~	~~D6A-008~~
	TB-1	3/10/22	1418	Water	1		X		X	TB

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date	Time
	William Rivera	3/10/22	1446
William Rivera	[illegible] EC	3/10/22	1820

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3/24/2022

06/02/14 Revision

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-87522-1

Login Number: 87522
List Number: 1
Creator: Lagunas, Jorge L

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX H

Laboratory Analytical Reports – H&P Mobile Geochemistry

H&P Mobile Geochemistry Inc.

16 March 2022

Keith Foster
Haley & Aldrich, Inc.
5333 Mission Center Road, Suite 300
San Diego, CA 92108-1350

H&P Project: HAL030822-SB2
Client Project: 0127827-043 / 850 Lagoon Dr

Dear Keith Foster:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 3/8/2022 -3/10/2022 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Lisa Eminhizer
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC) for the fields of proficiency and analytes listed on those certificates. H& P is approved as an Environmental Testing Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs for the fields of proficiency and analytes included in the certification process and to the extent offered by the accreditation agency . Unless otherwise noted, accreditation certificate numbers, expiration of certificates, and scope of accreditation can be found at: www.handpmg.com/about/certifications. Fields of services and analytes contained in this report that are not listed on the certificates should be considered uncertified or unavailable for certification.

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Geochemistry Inc.

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760-804-9678 Phone
760-804-9159 Fax

Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DGA-004-1-SG	E203019-01	Vapor	08-Mar-22	08-Mar-22
DGA-013-1-SG	E203019-02	Vapor	08-Mar-22	08-Mar-22
DGA-017-1-SG	E203019-03	Vapor	08-Mar-22	08-Mar-22
DGA-017-1-SG REP	E203019-04	Vapor	08-Mar-22	08-Mar-22
DGA-021-1-SG	E203019-05	Vapor	08-Mar-22	08-Mar-22
DGA-008-5-SG	E203019-06	Vapor	08-Mar-22	08-Mar-22
DGA-008-2-SG	E203019-07	Vapor	08-Mar-22	08-Mar-22
DGA-003-5-SG	E203019-08	Vapor	08-Mar-22	08-Mar-22
DGA-003-2-SG	E203019-09	Vapor	08-Mar-22	08-Mar-22
DGA-004-10-SG	E203019-10	Vapor	08-Mar-22	08-Mar-22
DGA-004-5-SG	E203024-01	Vapor	09-Mar-22	09-Mar-22
DGA-009-5-SG	E203024-02	Vapor	09-Mar-22	09-Mar-22
DGA-009-2-SG	E203024-03	Vapor	09-Mar-22	09-Mar-22
DGA-009-2-SG REP	E203024-04	Vapor	09-Mar-22	09-Mar-22
DGA-011-2-SG	E203024-05	Vapor	09-Mar-22	09-Mar-22
DGA-011-5-SG	E203024-06	Vapor	09-Mar-22	09-Mar-22
DGA-013-10-SG	E203024-07	Vapor	09-Mar-22	09-Mar-22
DGA-013-5-SG	E203024-08	Vapor	09-Mar-22	09-Mar-22
DGA-015-2-SG	E203024-09	Vapor	09-Mar-22	09-Mar-22
DGA-015-5-SG	E203024-10	Vapor	09-Mar-22	09-Mar-22
DGA-014-2.5-SG	E203024-11	Vapor	09-Mar-22	09-Mar-22
DGA-014-5-SG	E203024-12	Vapor	09-Mar-22	09-Mar-22
DGA-019-5-SG	E203029-01	Vapor	10-Mar-22	10-Mar-22
DGA-019-2-SG	E203029-02	Vapor	10-Mar-22	10-Mar-22
DGA-017-10-SG	E203029-03	Vapor	10-Mar-22	10-Mar-22
DGA-017-5-SG	E203029-04	Vapor	10-Mar-22	10-Mar-22
DGA-017-5-SG REP	E203029-05	Vapor	10-Mar-22	10-Mar-22
DGA-016-2-SG	E203029-06	Vapor	10-Mar-22	10-Mar-22

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5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DGA-016-5-SG	E203029-07	Vapor	10-Mar-22	10-Mar-22
DGA-022-2-SG	E203029-08	Vapor	10-Mar-22	10-Mar-22
DGA-022-5-SG	E203029-09	Vapor	10-Mar-22	10-Mar-22
DGA-021-10-SG	E203029-10	Vapor	10-Mar-22	10-Mar-22
DGA-021-5-SG	E203029-11	Vapor	10-Mar-22	10-Mar-22
DGA-007-5-SG	E203029-12	Vapor	10-Mar-22	10-Mar-22
DGA-007-2-SG	E203029-13	Vapor	10-Mar-22	10-Mar-22

March 8 & 9, 2022 - Batches EC20811, EC20906

The percent recoveries for 2,2-Dichloropropane, Dibromochloromethane and Bromoform fell below the method criteria in the continuing calibration verifications associated with the batches referenced above. Any results for these analytes, for samples included in these batches, may be biased low.

March 10, 2022 - Batches EC21001

The percent recovery for 2,2-Dichloropropane fell below the method criteria in the CCV. Any result for this analyte, for samples included in this batche, may be biased low.

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5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

DETECTIONS SUMMARY

Sample ID: **DGA-004-1-SG** Laboratory ID: **E203019-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,2 Trichlorotrifluoroethane (F113)	**1600**	100	ug/m3	H&P 8260SV	
trans-1,2-Dichloroethene	**340**	100	ug/m3	H&P 8260SV	
1,1-Dichloroethane	**430**	100	ug/m3	H&P 8260SV	
cis-1,2-Dichloroethene	**5800**	100	ug/m3	H&P 8260SV	
Chloroform	**80**	20	ug/m3	H&P 8260SV	
1,1,1-Trichloroethane	**2000**	100	ug/m3	H&P 8260SV	
Benzene	**24**	20	ug/m3	H&P 8260SV	
Trichloroethene	**18000**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**100**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-013-1-SG** Laboratory ID: **E203019-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**54**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**180**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-017-1-SG** Laboratory ID: **E203019-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**140**	20	ug/m3	H&P 8260SV	
1,1,1-Trichloroethane	**150**	100	ug/m3	H&P 8260SV	
Trichloroethene	**2700**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-017-1-SG REP** Laboratory ID: **E203019-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**120**	20	ug/m3	H&P 8260SV	
1,1,1-Trichloroethane	**140**	100	ug/m3	H&P 8260SV	
Trichloroethene	**2700**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-021-1-SG** Laboratory ID: **E203019-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**770**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**560**	20	ug/m3	H&P 8260SV	

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Sample ID: **DGA-008-5-SG** Laboratory ID: **E203019-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**330**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-008-2-SG** Laboratory ID: **E203019-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**110**	100	ug/m3	H&P 8260SV	
Trichloroethene	**1300**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-003-5-SG** Laboratory ID: **E203019-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**33**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-003-2-SG** Laboratory ID: **E203019-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,2 Trichlorotrifluoroethane (F113)	**160**	100	ug/m3	H&P 8260SV	
Benzene	**20**	20	ug/m3	H&P 8260SV	
Trichloroethene	**260**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-004-10-SG** Laboratory ID: **E203019-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**130**	10	ug/m3	H&P 8260SV	
1,1-Dichloroethene	**220**	100	ug/m3	H&P 8260SV	
trans-1,2-Dichloroethene	**350**	100	ug/m3	H&P 8260SV	
1,1-Dichloroethane	**250**	100	ug/m3	H&P 8260SV	
cis-1,2-Dichloroethene	**15000**	100	ug/m3	H&P 8260SV	
Benzene	**30**	20	ug/m3	H&P 8260SV	
Trichloroethene	**3900**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-004-5-SG** Laboratory ID: **E203024-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**420**	10	ug/m3	H&P 8260SV	
Chloroethane	**390**	100	ug/m3	H&P 8260SV	
1,1-Dichloroethene	**650**	100	ug/m3	H&P 8260SV	
trans-1,2-Dichloroethene	**2500**	100	ug/m3	H&P 8260SV	
1,1-Dichloroethane	**750**	100	ug/m3	H&P 8260SV	

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Sample ID: **DGA-004-5-SG** Laboratory ID: **E203024-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**140000**	1000	ug/m3	H&P 8260SV	
Benzene	**84**	20	ug/m3	H&P 8260SV	
Trichloroethene	**6600**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-009-5-SG** Laboratory ID: **E203024-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**1400**	100	ug/m3	H&P 8260SV	
Benzene	**41**	20	ug/m3	H&P 8260SV	
Trichloroethene	**150**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-009-2-SG** Laboratory ID: **E203024-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**36**	10	ug/m3	H&P 8260SV	
trans-1,2-Dichloroethene	**470**	100	ug/m3	H&P 8260SV	
1,1-Dichloroethane	**120**	100	ug/m3	H&P 8260SV	
cis-1,2-Dichloroethene	**17000**	100	ug/m3	H&P 8260SV	
Benzene	**34**	20	ug/m3	H&P 8260SV	
Trichloroethene	**2300**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**66**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-009-2-SG REP** Laboratory ID: **E203024-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Vinyl chloride	**30**	10	ug/m3	H&P 8260SV	
trans-1,2-Dichloroethene	**390**	100	ug/m3	H&P 8260SV	
1,1-Dichloroethane	**100**	100	ug/m3	H&P 8260SV	
cis-1,2-Dichloroethene	**14000**	100	ug/m3	H&P 8260SV	
Benzene	**28**	20	ug/m3	H&P 8260SV	
Trichloroethene	**1900**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**56**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-011-2-SG** Laboratory ID: **E203024-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**860**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**35**	20	ug/m3	H&P 8260SV	

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Sample ID: **DGA-011-5-SG** Laboratory ID: **E203024-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
cis-1,2-Dichloroethene	**180**	100	ug/m3	H&P 8260SV	
Benzene	**68**	20	ug/m3	H&P 8260SV	
Trichloroethene	**160**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-013-10-SG** Laboratory ID: **E203024-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**26**	20	ug/m3	H&P 8260SV	
Trichloroethene	**81**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**130**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-013-5-SG** Laboratory ID: **E203024-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**180**	100	ug/m3	H&P 8260SV	
Benzene	**21**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-015-2-SG** Laboratory ID: **E203024-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
No Detections Reported					

Sample ID: **DGA-015-5-SG** Laboratory ID: **E203024-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**26**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-014-2.5-SG** Laboratory ID: **E203024-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	**260**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-014-5-SG** Laboratory ID: **E203024-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**28**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**90**	20	ug/m3	H&P 8260SV	

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Sample ID: **DGA-019-5-SG** Laboratory ID: **E203029-01**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**23**	20	ug/m3	H&P 8260SV	
Benzene	**39**	20	ug/m3	H&P 8260SV	
Trichloroethene	**550**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-019-2-SG** Laboratory ID: **E203029-02**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**30**	20	ug/m3	H&P 8260SV	
Benzene	**26**	20	ug/m3	H&P 8260SV	
Trichloroethene	**2600**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-017-10-SG** Laboratory ID: **E203029-03**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Difluoroethane (LCC)	**780**	100	ug/m3	H&P 8260SV	
Chloroform	**41**	20	ug/m3	H&P 8260SV	
Trichloroethene	**1400**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-017-5-SG** Laboratory ID: **E203029-04**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**57**	20	ug/m3	H&P 8260SV	
Benzene	**47**	20	ug/m3	H&P 8260SV	
Trichloroethene	**840**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-017-5-SG REP** Laboratory ID: **E203029-05**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**68**	20	ug/m3	H&P 8260SV	
Benzene	**46**	20	ug/m3	H&P 8260SV	
Trichloroethene	**890**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-016-2-SG** Laboratory ID: **E203029-06**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**61**	20	ug/m3	H&P 8260SV	
Benzene	**56**	20	ug/m3	H&P 8260SV	
Trichloroethene	**4900**	20	ug/m3	H&P 8260SV	
Toluene	**200**	200	ug/m3	H&P 8260SV	

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Sample ID: **DGA-016-5-SG** Laboratory ID: **E203029-07**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**75**	20	ug/m3	H&P 8260SV	
Trichloroethene	**250**	20	ug/m3	H&P 8260SV	
Toluene	**220**	200	ug/m3	H&P 8260SV	

Sample ID: **DGA-022-2-SG** Laboratory ID: **E203029-08**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**190**	20	ug/m3	H&P 8260SV	
Benzene	**30**	20	ug/m3	H&P 8260SV	
Trichloroethene	**860**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**98**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-022-5-SG** Laboratory ID: **E203029-09**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**93**	20	ug/m3	H&P 8260SV	
Benzene	**55**	20	ug/m3	H&P 8260SV	
Trichloroethene	**440**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**34**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-021-10-SG** Laboratory ID: **E203029-10**

Analyte	Result	Reporting Limit	Units	Method	Notes
Chloroform	**73**	20	ug/m3	H&P 8260SV	
Benzene	**29**	20	ug/m3	H&P 8260SV	
Trichloroethene	**5000**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**770**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-021-5-SG** Laboratory ID: **E203029-11**

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**55**	20	ug/m3	H&P 8260SV	
Trichloroethene	**600**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**370**	20	ug/m3	H&P 8260SV	

Sample ID: **DGA-007-5-SG** Laboratory ID: **E203029-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**130**	100	ug/m3	H&P 8260SV	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Sample ID: **DGA-007-5-SG** Laboratory ID: **E203029-12**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,2 Trichlorotrifluoroethane (F113)	**2700**	100	ug/m3	H&P 8260SV	
Chloroform	**75**	20	ug/m3	H&P 8260SV	
1,1,1-Trichloroethane	**2400**	100	ug/m3	H&P 8260SV	
Benzene	**89**	20	ug/m3	H&P 8260SV	
Trichloroethene	**1500**	20	ug/m3	H&P 8260SV	
Toluene	**230**	200	ug/m3	H&P 8260SV	

Sample ID: **DGA-007-2-SG** Laboratory ID: **E203029-13**

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1-Dichloroethene	**150**	100	ug/m3	H&P 8260SV	
1,1,2 Trichlorotrifluoroethane (F113)	**2600**	100	ug/m3	H&P 8260SV	
Chloroform	**120**	20	ug/m3	H&P 8260SV	
1,1,1-Trichloroethane	**3300**	100	ug/m3	H&P 8260SV	
Benzene	**36**	20	ug/m3	H&P 8260SV	
Trichloroethene	**5600**	20	ug/m3	H&P 8260SV	
Tetrachloroethene	**20**	20	ug/m3	H&P 8260SV	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-004-1-SG (E203019-01) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**1600**	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**340**	100	"	"	"	"	"	"	
1,1-Dichloroethane	**430**	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**5800**	100	"	"	"	"	"	"	
Chloroform	**80**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	**2000**	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**24**	20	"	"	"	"	"	"	
Trichloroethene	**18000**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**100**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-004-1-SG (E203019-01) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99.7 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.4 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*75-125*	"	"	"	"	

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5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-013-1-SG (E203019-02) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**54**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**180**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-013-1-SG (E203019-02) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*74.5 %*		*75-125*	"	"	"	"	*S-GC*
Surrogate: 1,2-Dichloroethane-d4		*83.9 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*99.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*75-125*	"	"	"	"	

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5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-1-SG (E203019-03) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**140**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	**150**	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**2700**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-1-SG (E203019-03) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.1 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-1-SG REP (E203019-04) Vapor	**Sampled: 08-Mar-22**	**Received: 08-Mar-22**							
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**120**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	**140**	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**2700**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-1-SG REP (E203019-04) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96.0 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.2 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-021-1-SG (E203019-05) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**770**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**560**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-021-1-SG (E203019-05) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.1 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.6 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-008-5-SG (E203019-06) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**330**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-008-5-SG (E203019-06) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.6 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-008-2-SG (E203019-07) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
1,1-Difluoroethane (LCC)	**110**	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**1300**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-008-2-SG (E203019-07) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*92.7 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.3 %*		*75-125*	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-003-5-SG (E203019-08) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**33**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-003-5-SG (E203019-08) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*73.8 %*		*75-125*	"	"	"	"	*S-GC*
Surrogate: 1,2-Dichloroethane-d4		*78.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*110 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.0 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-003-2-SG (E203019-09) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**160**	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**20**	20	"	"	"	"	"	"	
Trichloroethene	**260**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-003-2-SG (E203019-09) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95.9 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-004-10-SG (E203019-10) Vapor	**Sampled: 08-Mar-22**	**Received: 08-Mar-22**							
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	**130**	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	**220**	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**350**	100	"	"	"	"	"	"	
1,1-Dichloroethane	**250**	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**15000**	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**30**	20	"	"	"	"	"	"	
Trichloroethene	**3900**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-004-10-SG (E203019-10) Vapor Sampled: 08-Mar-22 Received: 08-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20811	08-Mar-22	08-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.9 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-004-5-SG (E203024-01) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	**420**	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	**390**	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	**650**	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**2500**	100	"	"	"	"	"	"	
1,1-Dichloroethane	**750**	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**140000**	1000	"	0.1	"	"	"	"	
Chloroform	ND	20	"	0.01	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**84**	20	"	"	"	"	"	"	
Trichloroethene	**6600**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-004-5-SG (E203024-01) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*84.6 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*87.6 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.2 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-009-5-SG (E203024-02) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**1400**	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**41**	20	"	"	"	"	"	"	
Trichloroethene	**150**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-009-5-SG (E203024-02) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*119 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.5 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-009-2-SG (E203024-03) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	**36**	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**470**	100	"	"	"	"	"	"	
1,1-Dichloroethane	**120**	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**17000**	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**34**	20	"	"	"	"	"	"	
Trichloroethene	**2300**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**66**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-009-2-SG (E203024-03) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98.3 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.8 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.1 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-009-2-SG REP (E203024-04) Vapor	**Sampled: 09-Mar-22**	**Received: 09-Mar-22**							
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	**30**	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**390**	100	"	"	"	"	"	"	
1,1-Dichloroethane	**100**	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**14000**	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**28**	20	"	"	"	"	"	"	
Trichloroethene	**1900**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**56**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-009-2-SG REP (E203024-04) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*99.8 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*		*75-125*	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-011-2-SG (E203024-05) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**860**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**35**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-011-2-SG (E203024-05) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.3 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-011-5-SG (E203024-06) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**180**	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**68**	20	"	"	"	"	"	"	
Trichloroethene	**160**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-011-5-SG (E203024-06) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98.3 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96.0 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*112 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.3 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-013-10-SG (E203024-07) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**26**	20	"	"	"	"	"	"	
Trichloroethene	**81**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**130**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-013-10-SG (E203024-07) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.3 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.7 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-013-5-SG (E203024-08) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	**180**	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**21**	20	"	"	"	"	"	"	
Trichloroethene	ND	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-013-5-SG (E203024-08) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*83.8 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92.7 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.1 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-015-2-SG (E203024-09) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	ND	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-015-2-SG (E203024-09) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*108 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.7 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.1 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-015-5-SG (E203024-10) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**26**	20	"	"	"	"	"	"	
Trichloroethene	ND	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-015-5-SG (E203024-10) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.7 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-014-2.5-SG (E203024-11) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	ND	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**260**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-014-2.5-SG (E203024-11) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*91.1 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.1 %*		*75-125*	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-014-5-SG (E203024-12) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**28**	20	"	"	"	"	"	"	
Trichloroethene	ND	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**90**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-014-5-SG (E203024-12) Vapor Sampled: 09-Mar-22 Received: 09-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC20906	09-Mar-22	09-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.1 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-019-5-SG (E203029-01) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**23**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**39**	20	"	"	"	"	"	"	
Trichloroethene	**550**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-019-5-SG (E203029-01) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*94.3 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.4 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-019-2-SG (E203029-02) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**30**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**26**	20	"	"	"	"	"	"	
Trichloroethene	**2600**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-019-2-SG (E203029-02) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*59.1 %*		*75-125*	"	"	"	"	*S-GC*
Surrogate: 1,2-Dichloroethane-d4		*83.3 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*100 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.9 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-10-SG (E203029-03) Vapor	**Sampled: 10-Mar-22**	**Received: 10-Mar-22**							
1,1-Difluoroethane (LCC)	**780**	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**41**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	ND	20	"	"	"	"	"	"	
Trichloroethene	**1400**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-10-SG (E203029-03) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.0 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-5-SG (E203029-04) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**57**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**47**	20	"	"	"	"	"	"	
Trichloroethene	**840**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-5-SG (E203029-04) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.8 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-5-SG REP (E203029-05) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**68**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**46**	20	"	"	"	"	"	"	
Trichloroethene	**890**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-017-5-SG REP (E203029-05) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*96.8 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.1 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-016-2-SG (E203029-06) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**61**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**56**	20	"	"	"	"	"	"	
Trichloroethene	**4900**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	**200**	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-016-2-SG (E203029-06) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*91.4 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.0 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.3 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-016-5-SG (E203029-07) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**75**	20	"	"	"	"	"	"	
Trichloroethene	**250**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	**220**	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-016-5-SG (E203029-07) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*93.7 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.4 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*109 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92.6 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-022-2-SG (E203029-08) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**190**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**30**	20	"	"	"	"	"	"	
Trichloroethene	**860**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**98**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-022-2-SG (E203029-08) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*93.6 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99.0 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-022-5-SG (E203029-09) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**93**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**55**	20	"	"	"	"	"	"	
Trichloroethene	**440**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**34**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-022-5-SG (E203029-09) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98.6 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.5 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.1 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-021-10-SG (E203029-10) Vapor	**Sampled: 10-Mar-22**	**Received: 10-Mar-22**							
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**73**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**29**	20	"	"	"	"	"	"	
Trichloroethene	**5000**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**770**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-021-10-SG (E203029-10) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*105 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*92.1 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*		*75-125*	"	"	"	"	

H&P Mobile
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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-021-5-SG (E203029-11) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	ND	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**55**	20	"	"	"	"	"	"	
Trichloroethene	**600**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**370**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-021-5-SG (E203029-11) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*103 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.9 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-007-5-SG (E203029-12) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	**130**	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**2700**	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**75**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	**2400**	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**89**	20	"	"	"	"	"	"	
Trichloroethene	**1500**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	**230**	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	ND	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-007-5-SG (E203029-12) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*105 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.2 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-007-2-SG (E203029-13) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
1,1-Difluoroethane (LCC)	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Dichlorodifluoromethane (F12)	ND	100	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
Vinyl chloride	ND	10	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
Chloroethane	ND	100	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	100	"	"	"	"	"	"	
1,1-Dichloroethene	**150**	100	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	**2600**	100	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	100	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	100	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	ND	100	"	"	"	"	"	"	
2,2-Dichloropropane	ND	100	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	100	"	"	"	"	"	"	
Chloroform	**120**	20	"	"	"	"	"	"	
Bromochloromethane	ND	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	**3300**	100	"	"	"	"	"	"	
1,1-Dichloropropene	ND	100	"	"	"	"	"	"	
Carbon tetrachloride	ND	20	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	20	"	"	"	"	"	"	
Benzene	**36**	20	"	"	"	"	"	"	
Trichloroethene	**5600**	20	"	"	"	"	"	"	
1,2-Dichloropropane	ND	100	"	"	"	"	"	"	
Bromodichloromethane	ND	100	"	"	"	"	"	"	
Dibromomethane	ND	100	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
Toluene	ND	200	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,3-Dichloropropane	ND	100	"	"	"	"	"	"	
Tetrachloroethene	**20**	20	"	"	"	"	"	"	
Dibromochloromethane	ND	100	"	"	"	"	"	"	
Chlorobenzene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	100	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
DGA-007-2-SG (E203029-13) Vapor Sampled: 10-Mar-22 Received: 10-Mar-22									
o-Xylene	ND	100	ug/m3	0.01	EC21001	10-Mar-22	10-Mar-22	H&P 8260SV	
Styrene	ND	100	"	"	"	"	"	"	
Bromoform	ND	100	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	100	"	"	"	"	"	"	
Bromobenzene	ND	100	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	100	"	"	"	"	"	"	
4-Chlorotoluene	ND	100	"	"	"	"	"	"	
tert-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	100	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	100	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1000	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Hexachlorobutadiene	ND	100	"	"	"	"	"	"	
Naphthalene	ND	20	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	100	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*		*75-125*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*		*75-125*	"	"	"	"	
Surrogate: Toluene-d8		*97.2 %*		*75-125*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.7 %*		*75-125*	"	"	"	"	

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC20811 - EPA 5030										
Blank (EC20811-BLK1)				Prepared & Analyzed: 08-Mar-22						
1,1-Difluoroethane (LCC)	ND	100	ug/m3							
Dichlorodifluoromethane (F12)	ND	100	"							
Chloromethane	ND	100	"							
Vinyl chloride	ND	10	"							
Bromomethane	ND	100	"							
Chloroethane	ND	100	"							
Trichlorofluoromethane (F11)	ND	100	"							
1,1-Dichloroethene	ND	100	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"							
Methylene chloride (Dichloromethane)	ND	100	"							
Methyl tertiary-butyl ether (MTBE)	ND	100	"							
trans-1,2-Dichloroethene	ND	100	"							
1,1-Dichloroethane	ND	100	"							
2,2-Dichloropropane	ND	100	"							
cis-1,2-Dichloroethene	ND	100	"							
Chloroform	ND	20	"							
Bromochloromethane	ND	100	"							
1,1,1-Trichloroethane	ND	100	"							
1,1-Dichloropropene	ND	100	"							
Carbon tetrachloride	ND	20	"							
1,2-Dichloroethane (EDC)	ND	20	"							
Benzene	ND	20	"							
Trichloroethene	ND	20	"							
1,2-Dichloropropane	ND	100	"							
Bromodichloromethane	ND	100	"							
Dibromomethane	ND	100	"							
cis-1,3-Dichloropropene	ND	100	"							
Toluene	ND	200	"							
trans-1,3-Dichloropropene	ND	100	"							
1,1,2-Trichloroethane	ND	100	"							
1,2-Dibromoethane (EDB)	ND	100	"							
1,3-Dichloropropane	ND	100	"							
Tetrachloroethene	ND	20	"							
Dibromochloromethane	ND	100	"							

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC20811 - EPA 5030										
Blank (EC20811-BLK1)				Prepared & Analyzed: 08-Mar-22						
Chlorobenzene	ND	20	ug/m3							
Ethylbenzene	ND	100	"							
1,1,1,2-Tetrachloroethane	ND	100	"							
m,p-Xylene	ND	100	"							
o-Xylene	ND	100	"							
Styrene	ND	100	"							
Bromoform	ND	100	"							
Isopropylbenzene (Cumene)	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	100	"							
1,2,3-Trichloropropane	ND	100	"							
n-Propylbenzene	ND	100	"							
Bromobenzene	ND	100	"							
1,3,5-Trimethylbenzene	ND	100	"							
2-Chlorotoluene	ND	100	"							
4-Chlorotoluene	ND	100	"							
tert-Butylbenzene	ND	100	"							
1,2,4-Trimethylbenzene	ND	100	"							
sec-Butylbenzene	ND	100	"							
p-Isopropyltoluene	ND	100	"							
1,3-Dichlorobenzene	ND	100	"							
1,4-Dichlorobenzene	ND	100	"							
n-Butylbenzene	ND	100	"							
1,2-Dichlorobenzene	ND	100	"							
1,2-Dibromo-3-chloropropane	ND	1000	"							
1,2,4-Trichlorobenzene	ND	100	"							
Hexachlorobutadiene	ND	100	"							
Naphthalene	ND	20	"							
1,2,3-Trichlorobenzene	ND	100	"							
Surrogate: Dibromofluoromethane	*530*		*"*	*500*		*106*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*501*		*"*	*500*		*100*	*75-125*			
Surrogate: Toluene-d8	*490*		*"*	*500*		*98.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*529*		*"*	*500*		*106*	*75-125*			

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC20811 - EPA 5030										
LCS (EC20811-BS1)				Prepared & Analyzed: 08-Mar-22						
Dichlorodifluoromethane (F12)	5100	500	ug/m3	5000		103	70-130			
Vinyl chloride	5800	50	"	5000		115	70-130			
Chloroethane	6100	500	"	5000		122	70-130			
Trichlorofluoromethane (F11)	6100	500	"	5000		121	70-130			
1,1-Dichloroethene	6100	500	"	5000		122	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	6100	500	"	5000		122	70-130			
Methylene chloride (Dichloromethane)	5000	500	"	5000		101	70-130			
trans-1,2-Dichloroethene	6300	500	"	5000		126	70-130			
1,1-Dichloroethane	5900	500	"	5000		118	70-130			
cis-1,2-Dichloroethene	5700	500	"	5000		115	70-130			
Chloroform	5600	100	"	5000		113	70-130			
1,1,1-Trichloroethane	5200	500	"	5000		104	70-130			
Carbon tetrachloride	4700	100	"	5000		94.7	70-130			
1,2-Dichloroethane (EDC)	5500	100	"	5000		109	70-130			
Benzene	5400	100	"	5000		109	70-130			
Trichloroethene	5200	100	"	5000		104	70-130			
Toluene	4900	1000	"	5000		97.6	70-130			
1,1,2-Trichloroethane	4400	500	"	5000		88.8	70-130			
Tetrachloroethene	6300	100	"	5000		125	70-130			
Ethylbenzene	5500	500	"	5000		110	70-130			
1,1,1,2-Tetrachloroethane	4600	500	"	5000		92.5	70-130			
m,p-Xylene	11000	500	"	10000		110	70-130			
o-Xylene	5300	500	"	5000		105	70-130			
1,1,2,2-Tetrachloroethane	4600	500	"	5000		92.9	70-130			
Surrogate: Dibromofluoromethane	*2530*		"	*2500*		*101*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2390*		"	*2500*		*95.5*	*75-125*			
Surrogate: Toluene-d8	*2410*		"	*2500*		*96.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2530*		"	*2500*		*101*	*75-125*			

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC20906 - EPA 5030										
Blank (EC20906-BLK1)				Prepared & Analyzed: 09-Mar-22						
1,1-Difluoroethane (LCC)	ND	100	ug/m3							
Dichlorodifluoromethane (F12)	ND	100	"							
Chloromethane	ND	100	"							
Vinyl chloride	ND	10	"							
Bromomethane	ND	100	"							
Chloroethane	ND	100	"							
Trichlorofluoromethane (F11)	ND	100	"							
1,1-Dichloroethene	ND	100	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"							
Methylene chloride (Dichloromethane)	ND	100	"							
Methyl tertiary-butyl ether (MTBE)	ND	100	"							
trans-1,2-Dichloroethene	ND	100	"							
1,1-Dichloroethane	ND	100	"							
2,2-Dichloropropane	ND	100	"							
cis-1,2-Dichloroethene	ND	100	"							
Chloroform	ND	20	"							
Bromochloromethane	ND	100	"							
1,1,1-Trichloroethane	ND	100	"							
1,1-Dichloropropene	ND	100	"							
Carbon tetrachloride	ND	20	"							
1,2-Dichloroethane (EDC)	ND	20	"							
Benzene	ND	20	"							
Trichloroethene	ND	20	"							
1,2-Dichloropropane	ND	100	"							
Bromodichloromethane	ND	100	"							
Dibromomethane	ND	100	"							
cis-1,3-Dichloropropene	ND	100	"							
Toluene	ND	200	"							
trans-1,3-Dichloropropene	ND	100	"							
1,1,2-Trichloroethane	ND	100	"							
1,2-Dibromoethane (EDB)	ND	100	"							
1,3-Dichloropropane	ND	100	"							
Tetrachloroethene	ND	20	"							
Dibromochloromethane	ND	100	"							

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Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC20906 - EPA 5030										
Blank (EC20906-BLK1)				Prepared & Analyzed: 09-Mar-22						
Chlorobenzene	ND	20	ug/m3							
Ethylbenzene	ND	100	"							
1,1,1,2-Tetrachloroethane	ND	100	"							
m,p-Xylene	ND	100	"							
o-Xylene	ND	100	"							
Styrene	ND	100	"							
Bromoform	ND	100	"							
Isopropylbenzene (Cumene)	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	100	"							
1,2,3-Trichloropropane	ND	100	"							
n-Propylbenzene	ND	100	"							
Bromobenzene	ND	100	"							
1,3,5-Trimethylbenzene	ND	100	"							
2-Chlorotoluene	ND	100	"							
4-Chlorotoluene	ND	100	"							
tert-Butylbenzene	ND	100	"							
1,2,4-Trimethylbenzene	ND	100	"							
sec-Butylbenzene	ND	100	"							
p-Isopropyltoluene	ND	100	"							
1,3-Dichlorobenzene	ND	100	"							
1,4-Dichlorobenzene	ND	100	"							
n-Butylbenzene	ND	100	"							
1,2-Dichlorobenzene	ND	100	"							
1,2-Dibromo-3-chloropropane	ND	1000	"							
1,2,4-Trichlorobenzene	ND	100	"							
Hexachlorobutadiene	ND	100	"							
Naphthalene	ND	20	"							
1,2,3-Trichlorobenzene	ND	100	"							
Surrogate: Dibromofluoromethane	*492*		*"*	*500*		*98.3*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*500*		*"*	*500*		*100*	*75-125*			
Surrogate: Toluene-d8	*471*		*"*	*500*		*94.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*512*		*"*	*500*		*102*	*75-125*			

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San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC20906 - EPA 5030										
LCS (EC20906-BS1)				Prepared & Analyzed: 09-Mar-22						
Dichlorodifluoromethane (F12)	4800	500	ug/m3	5000		95.7	70-130			
Vinyl chloride	6100	50	"	5000		121	70-130			
Chloroethane	6500	500	"	5000		130	70-130			
Trichlorofluoromethane (F11)	5000	500	"	5000		101	70-130			
1,1-Dichloroethene	4400	500	"	5000		88.7	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	4700	500	"	5000		94.4	70-130			
Methylene chloride (Dichloromethane)	4500	500	"	5000		90.7	70-130			
trans-1,2-Dichloroethene	4600	500	"	5000		92.0	70-130			
1,1-Dichloroethane	4400	500	"	5000		88.4	70-130			
cis-1,2-Dichloroethene	4400	500	"	5000		87.3	70-130			
Chloroform	4400	100	"	5000		88.2	70-130			
1,1,1-Trichloroethane	4800	500	"	5000		96.4	70-130			
Carbon tetrachloride	4400	100	"	5000		87.8	70-130			
1,2-Dichloroethane (EDC)	4700	100	"	5000		94.4	70-130			
Benzene	5300	100	"	5000		106	70-130			
Trichloroethene	5100	100	"	5000		103	70-130			
Toluene	4800	1000	"	5000		96.1	70-130			
1,1,2-Trichloroethane	4500	500	"	5000		90.3	70-130			
Tetrachloroethene	5700	100	"	5000		114	70-130			
Ethylbenzene	5300	500	"	5000		107	70-130			
1,1,1,2-Tetrachloroethane	4600	500	"	5000		92.2	70-130			
m,p-Xylene	11000	500	"	10000		109	70-130			
o-Xylene	5400	500	"	5000		109	70-130			
1,1,2,2-Tetrachloroethane	4700	500	"	5000		93.9	70-130			
Surrogate: Dibromofluoromethane	*2210*		"	*2500*		*88.3*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2000*		"	*2500*		*80.2*	*75-125*			
Surrogate: Toluene-d8	*2440*		"	*2500*		*97.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2600*		"	*2500*		*104*	*75-125*			

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC21001 - EPA 5030										
Blank (EC21001-BLK1)				Prepared & Analyzed: 10-Mar-22						
1,1-Difluoroethane (LCC)	ND	100	ug/m3							
Dichlorodifluoromethane (F12)	ND	100	"							
Chloromethane	ND	100	"							
Vinyl chloride	ND	10	"							
Bromomethane	ND	100	"							
Chloroethane	ND	100	"							
Trichlorofluoromethane (F11)	ND	100	"							
1,1-Dichloroethene	ND	100	"							
1,1,2 Trichlorotrifluoroethane (F113)	ND	100	"							
Methylene chloride (Dichloromethane)	ND	100	"							
Methyl tertiary-butyl ether (MTBE)	ND	100	"							
trans-1,2-Dichloroethene	ND	100	"							
1,1-Dichloroethane	ND	100	"							
2,2-Dichloropropane	ND	100	"							
cis-1,2-Dichloroethene	ND	100	"							
Chloroform	ND	20	"							
Bromochloromethane	ND	100	"							
1,1,1-Trichloroethane	ND	100	"							
1,1-Dichloropropene	ND	100	"							
Carbon tetrachloride	ND	20	"							
1,2-Dichloroethane (EDC)	ND	20	"							
Benzene	ND	20	"							
Trichloroethene	ND	20	"							
1,2-Dichloropropane	ND	100	"							
Bromodichloromethane	ND	100	"							
Dibromomethane	ND	100	"							
cis-1,3-Dichloropropene	ND	100	"							
Toluene	ND	200	"							
trans-1,3-Dichloropropene	ND	100	"							
1,1,2-Trichloroethane	ND	100	"							
1,2-Dibromoethane (EDB)	ND	100	"							
1,3-Dichloropropane	ND	100	"							
Tetrachloroethene	ND	20	"							
Dibromochloromethane	ND	100	"							

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5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC21001 - EPA 5030										
Blank (EC21001-BLK1)				Prepared & Analyzed: 10-Mar-22						
Chlorobenzene	ND	20	ug/m3							
Ethylbenzene	ND	100	"							
1,1,1,2-Tetrachloroethane	ND	100	"							
m,p-Xylene	ND	100	"							
o-Xylene	ND	100	"							
Styrene	ND	100	"							
Bromoform	ND	100	"							
Isopropylbenzene (Cumene)	ND	100	"							
1,1,2,2-Tetrachloroethane	ND	100	"							
1,2,3-Trichloropropane	ND	100	"							
n-Propylbenzene	ND	100	"							
Bromobenzene	ND	100	"							
1,3,5-Trimethylbenzene	ND	100	"							
2-Chlorotoluene	ND	100	"							
4-Chlorotoluene	ND	100	"							
tert-Butylbenzene	ND	100	"							
1,2,4-Trimethylbenzene	ND	100	"							
sec-Butylbenzene	ND	100	"							
p-Isopropyltoluene	ND	100	"							
1,3-Dichlorobenzene	ND	100	"							
1,4-Dichlorobenzene	ND	100	"							
n-Butylbenzene	ND	100	"							
1,2-Dichlorobenzene	ND	100	"							
1,2-Dibromo-3-chloropropane	ND	1000	"							
1,2,4-Trichlorobenzene	ND	100	"							
Hexachlorobutadiene	ND	100	"							
Naphthalene	ND	20	"							
1,2,3-Trichlorobenzene	ND	100	"							
Surrogate: Dibromofluoromethane	*466*		*"*	*500*		*93.1*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*456*		*"*	*500*		*91.2*	*75-125*			
Surrogate: Toluene-d8	*468*		*"*	*500*		*93.5*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*479*		*"*	*500*		*95.8*	*75-125*			

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Volatile Organic Compounds by H&P 8260SV - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EC21001 - EPA 5030										
LCS (EC21001-BS1)				Prepared & Analyzed: 10-Mar-22						
Dichlorodifluoromethane (F12)	4400	500	ug/m3	5000		88.0	70-130			
Vinyl chloride	5000	50	"	5000		101	70-130			
Chloroethane	5400	500	"	5000		109	70-130			
Trichlorofluoromethane (F11)	5400	500	"	5000		108	70-130			
1,1-Dichloroethene	5500	500	"	5000		109	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5500	500	"	5000		110	70-130			
Methylene chloride (Dichloromethane)	5100	500	"	5000		102	70-130			
trans-1,2-Dichloroethene	5800	500	"	5000		116	70-130			
1,1-Dichloroethane	5500	500	"	5000		110	70-130			
cis-1,2-Dichloroethene	5500	500	"	5000		110	70-130			
Chloroform	5400	100	"	5000		108	70-130			
1,1,1-Trichloroethane	5000	500	"	5000		99.6	70-130			
Carbon tetrachloride	4400	100	"	5000		88.7	70-130			
1,2-Dichloroethane (EDC)	5900	100	"	5000		117	70-130			
Benzene	5300	100	"	5000		106	70-130			
Trichloroethene	5100	100	"	5000		102	70-130			
Toluene	4800	1000	"	5000		95.2	70-130			
1,1,2-Trichloroethane	5400	500	"	5000		108	70-130			
Tetrachloroethene	5300	100	"	5000		105	70-130			
Ethylbenzene	5000	500	"	5000		99.8	70-130			
1,1,1,2-Tetrachloroethane	4500	500	"	5000		90.2	70-130			
m,p-Xylene	9900	500	"	10000		99.3	70-130			
o-Xylene	4900	500	"	5000		98.5	70-130			
1,1,2,2-Tetrachloroethane	5400	500	"	5000		108	70-130			
Surrogate: Dibromofluoromethane	*2700*		*"*	*2500*		*108*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2660*		*"*	*2500*		*106*	*75-125*			
Surrogate: Toluene-d8	*2460*		*"*	*2500*		*98.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2460*		*"*	*2500*		*98.4*	*75-125*			

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Haley & Aldrich, Inc.	Project: HAL030822-SB2	
5333 Mission Center Road, Suite 300	Project Number: 0127827-043 / 850 Lagoon Dr	Reported:
San Diego, CA 92108-1350	Project Manager: Keith Foster	16-Mar-22 10:36

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

All soil results are reported in wet weight.

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpmg.com/about/certifications.

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VAPOR / AIR Chain of Custody

DATE: 3/8/22
Page 1 of ____

Lab Client and Project Information

Lab Client/Consultant: HALEY and ALDRICH.	Project Name / #: 0127827-043
Lab Client Project Manager: Keith foster	Project Location: 850 LAGOON Dr.
Lab Client Address: 5333 MISSION Center #300	Report E-Mail(s): KNELSON; BSCOTT; NSAMARA KFOSTER@haleyaldrich.com
Lab Client City, State, Zip: SAN DIEGO, CA 92108	
Phone Number: 619-936-1774	

Reporting Requirements	Turnaround Time	Sampler Information
☑ Standard Report ☐ Level III ☐ Level IV	☑ **Standard** (7 days for preliminary report, 10 days for final report)	Sampler(s): LOC NGO
☐ Excel EDD ☐ Other EDD: ____	☐ **Rush** (specify): ____	Signature:
☐ CA Geotracker Global ID: ____		Date: 3/8/22

Sample Receipt (Lab Use Only)

Date Rec'd: 3/8/22	Control #: 220150.04
H&P Project #	HALO30822-S1
Lab Work Order #	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☑ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☑ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☑ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
DGA-004-1-SG		3/8/22	1149	SV	G-S	364/356		X						X						
DGA-013-1-SG			1247			364/356		X						X						
DGA-017-1-SG			1306			360/337		X						X						
DGA-017-1-SG REP			1338			360/337		X						X						
DGA-021-1-SG			1402			364/356		X						X						
DGA-006-5-SG			1438			360/337		X						X						
DGA-008-2-SG			1625			360/337		X						X						
DGA-003-5-SG			1529			360/337		X						X						
DGA-003-2-SG			1600			364/356		X						X						
DGA-004-10-SG			1650			364/356		X						X						

Approved/Relinquished by:	Company:	Date:	Time:	Received by: LOC NGO	Company: H&P	Date: 3/8/22	Time: 1720
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

*Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back

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VAPOR / AIR Chain of Custody

DATE: 3/9/22
Page 1 of ____

Lab Client and Project Information

Lab Client/Consultant: HALEY AND ALDRICH	Project Name / #: 0127827-043
Lab Client Project Manager: Keith foster	Project Location: 850 2A GOON Dr.
Lab Client Address: 5333 MISSION Center #3	Report E-Mail(s): KNELSON; BSCOTT; NSAMARA; Kfoster@haleyaldrich.com
Lab Client City, State, Zip: SAN DIEGO, CA 92108	
Phone Number: 619-936-1774	

Reporting Requirements

☑ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD: _____
☐ CA Geotracker Global ID: _____

Turnaround Time

☑ **Standard** (7 days for preliminary report, 10 days for final report)
☐ **Rush** (specify): _____

Sampler Information

Sampler(s): LOC NGO
Signature:
Date: 3/9/22

Sample Receipt (Lab Use Only)

Date Rec'd: 3/9/22 Control #: 22015004
H&P Project # HALO30822-SB2
Lab Work Order # E203024
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID: Temp:
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials:

Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☑ µg/L ☑ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☑ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SV/m ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SV/m ☐ TO-15m	Leak Check Compound ☑ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
DGA-004-5-SG		3/9/22	950	SV	G-S	360/356		X						X						
DGA-009-5-SG			1121			337/341		X						X						
DGA-009-2-SG			1145			360/356		X						X						
DGA-009-2-SG rep			1210			360/356		X						X						
DGA-011-2-SG			1256			337/341		X						X						
DGA-011-5-SG			1305			360/356		X						X						
DGA-013-10-SG			1500			337/341		X						X						
DGA-013-5-SG			1349			360/356		X						X						
DGA-015-2-SG			1415			337/341		X						X						
DGA-015-5-SG			1441			360/356		X						X						

Approved/Relinquished by:	Company:	Date:	Time:	Received by: LOC NGO	Company: H&P	Date: 3/9/22	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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VAPOR / AIR Chain of Custody

DATE: 3/9/22
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: HALEY and ALDRICH	Project Name / #: 0127827-043
Lab Client Project Manager: Keith Foster	Project Location: 850 LAGOON Dr.
Lab Client Address: 5333 MISSION Center #320	Report E-Mail(s): KNELSON; BSCOTT; NSAMARA KFoster@HaleyAldrich.com
Lab Client City, State, Zip: SAN DIEGO, CA 92108	
Phone Number: 619-936-1774	

Sample Receipt (Lab Use Only)

Date Rec'd:	Control #: 220150.04
H&P Project #: HAL030822-5152	
Lab Work Order #: E203024	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Reporting Requirements

☑ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD: _____
☐ CA Geotracker Global ID: _____

Turnaround Time

☑ **Standard** (7 days for preliminary report, 10 days for final report)
☐ **Rush** (specify): _____

Sampler Information

Sampler(s): LOC NGO
Signature:
Date: 3/9/22

Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☑ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☑ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☑ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
DGA-014-2.5-SG		3/9/22	1527	S.V	G-S	360/316		X						X							
DEA-014-5-SG		3/9/22	1550	S.V	G-S	317/341		X						X							

Approved/Relinquished by:		Company:		Date:	Time:	Received by: LOC NGO	Company: H&P	Date: 3/9/22	Time:
Approved/Relinquished by:		Company:		Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:		Company:		Date:	Time:	Received by:	Company:	Date:	Time:

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VAPOR / AIR Chain of Custody

DATE: 3/10/22
Page 1 of 2

Lab Client and Project Information

Lab Client/Consultant: HALEY and Aldrich	Project Name / #: 0127827-043
Lab Client Project Manager: Keith Foster	Project Location: 850 LAGOON Dr.
Lab Client Address: 3333 MISSION Conter #30	Report E-Mail(s): KNELSON; BSCOTT;
Lab Client City, State, Zip: SAN DIEGO, CA 92108	NSMARA;
Phone Number: 619-936-1774	KFOSTER@haldrich.com

Reporting Requirements

☑ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD:
☐ CA Geotracker Global ID:

Turnaround Time

☑ **Standard** (7 days for preliminary report, 10 days for final report)
☐ **Rush** (specify):

Sampler Information

Sampler(s): LOC NGO
Signature:
Date: 3/10/22

Sample Receipt (Lab Use Only)

Date Rec'd: 3/10/22 Control #: 220150.00
H&P Project # HAL030822-SB2
Lab Work Order # EE203029
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below
Receipt Gauge ID: Temp:
Outside Lab:
Receipt Notes/Tracking #:
Lab PM Initials:

Additional Instructions to Laboratory:

* *Preferred VOC units (please choose one):*
☑ µg/L ☐ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☑ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☑ DDFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
DGA-019-5-SG		3/10/22	815	SV	6-S	316 341		X						X						
DGA-019-2-SG			840			360 333		X						X						
DGA-017-10-SG			910			316 341		X						X						
DGA-017-5-SG			937			360 337		X						X						
DGA-017-5-SG Rep			1020			360 337		X						X						
DGA-016-2-SG			1028			356 341		X						X						
DGA-016-5-SG			1050			360 337		X						X						
DGA-022-2-SG			1125			341		X						X						
DGA-022-5-SG			1155			360 337		X						X						
DGA-021-10-SG			1230					X						X						

Approved/Relinquished by:		Company:		Date:		Time:	
Approved/Relinquished by:		Company:		Date:		Time:	
Approved/Relinquished by:		Company:		Date:		Time:	
Received by:	LOC NGO	Company:	H&P	Date:	3/10/22	Time:	
Received by:		Company:		Date:		Time:	
Received by:		Company:		Date:		Time:	

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VAPOR / AIR Chain of Custody

DATE: 3/10/22
Page 2 of 2

Lab Client and Project Information

Lab Client/Consultant: HALEY and ALDRICH	Project Name / #: 0127827-043
Lab Client Project Manager: Keith Foster	Project Location: 850 LAGOON Dr.
Lab Client Address: 5333 MISSION Center #300	Report E-Mail(s): KNELSON; BSCOTT; WSAMARA; KFOSTER@haleyaldrich.com
Lab Client City, State, Zip: SAN DIEGO CA 92108	
Phone Number: 619-936-1774	

Reporting Requirements	Turnaround Time	Sampler Information
☑ Standard Report ☐ Level III ☐ Level IV	☑ **Standard** (7 days for preliminary report, 10 days for final report)	Sampler(s): LOC NGO
☐ Excel EDD ☐ Other EDD:	☐ **Rush** (specify):	Signature:
☐ CA Geotracker Global ID:		Date: 3/10/22

Sample Receipt (Lab Use Only)

Date Rec'd:	Control #: 220130-04
H&P Project # HALO30822-SB2	
Lab Work Order # E203629	
Sample Intact: ☐ Yes ☐ No ☐ See Notes Below	
Receipt Gauge ID:	Temp:
Outside Lab:	
Receipt Notes/Tracking #:	
Lab PM Initials:	

Additional Instructions to Laboratory:

* Preferred VOC units (please choose one):
☑ µg/L ☑ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa, Tedlar, Tube, etc.	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List ☑ 8260SV ☐ TO-15	VOCs Short List / Project List ☐ 8260SV ☐ TO-15	Oxygenates ☐ 8260SV ☐ TO-15	Naphthalene ☐ 8260SV ☐ TO-15	TPHv as Gas ☐ 8260SVm ☐ TO-15m	Aromatic/Aliphatic Fractions ☐ 8260SVm ☐ TO-15m	Leak Check Compound ☐ DFA ☐ IPA ☐ He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 ☐ CO2 ☐ O2 ☐ N2				
DGA-021-5-SG		3/10/22	1305	S.V	6-S	360 357		X						X						
DGA-007-5-SG		3/10/22	1405	S.V	6-S	378 341		X						X						
DGA-007-2-SG		3/10/22	1440	S.V	0.5	340 338		X						X						

Approved/Relinquished by:	Company:	Date:	Time:	Received by: LOC NGO	Company: H&P	Date: 3/10/22	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

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H&P Mobile Geochemistry Inc.

FMS004
Revision: 4
Revised: 3/22/2017
Effective: 3/24/2017
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: HAL030822-SB2 Date: 3/8/22
Site Address: 850 LAGOON Dr. Page: 1 of
Consultant: HALEY and ALDRICH H&P Rep(s): LOC NGO
Consultant Rep(s): KALEY NELSON

Reviewed: EC
Scanned: Thomas

Equipment Info
Inline Gauge ID#: T30
Pump ID#: 008

Purge Volume Information
PV Amount:
PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☐ H_2O
1	DGA-004-1-SG	364/356	100	1149	SS	2	1/8	3	1	1	1	✓	✓	71	<200	-	<200	0
2	DGA-013-1-SG	360/337	50	1220	SS	2	1/8	3	1	1	1	✓	✓	71	<200	-	<200	0
3	DGA-013-1-SG RS	364/356	100	1247	SS	2	1/8	3	1	1	1	✓	✓	171	~~<200~~	-	<200	0
4	DGA-017-1-SG	360/337	100	1306	SS	2	1/8	3	1	1	1	✓	✓	71	<200	-	<200	0
5	DGA-017-1-SG RS	360/337	100	1356	SS	2	1/8	3	1	1	1	✓	✓	171	-	-	<200	0
6	DGA-001-1-SG	364/356	100	1402	SS	2	1/8	3	1	1	1	✓	✓	71	<200	-	<200	0
7	DGA-008-5-SG	360/337	100	1438	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	<200	-10
8	DGA-008-2-SG	364/356	100	1500	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1037	<200	-0
9	DGA-003-5-SG	360/337	100	1519	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	<200	0
10	DGA-003-2-SG	364/356	100	1600	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1037	<200	0
11	DGA-008-2-SG RS	360/337	100	1625	2	4	1/8	12	2.25	12	2.25	✓	✓	2222	-	-	<200	0
12	DGA-004-10-SG	364/356	100	1650	10	12	1/8	~~2.25~~ 1.2	~~6~~ 2.25	6	2.25	✓	✓	1558	200	745	<200	-80

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

FMS004
Revision: 4
Revised: 3/22/2017
Effective: 3/24/2017
Page 1 of 1

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: HALO30822-SB2 Date: 3/9/22
Site Address: 850 LAGOON Dr. Page: 1 of 2
Consultant: HALEY and ALDRICH H&P Rep(s): LOC NOC
Consultant Rep(s): KALEY NELSON Reviewed: EC
Scanned: Moms

Equipment Info
Inline Gauge ID#:
Pump ID#: 006

Purge Volume Information
PV Amount: PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
1	DGA-004-5-SG	360/356	100	950	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	200	0
2	DGA-004-5-SG RL	360	50	1032	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	–	–	200	0
3	DGA-009-5-SG	337/341	100	1100	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	200	0
4	DGA-009-5-SG RS	337/341	100	1121	5	7	1/8	12	2.25	12	2.25	✓	✓	2231	–	–	200	0
5	DGA-009-2-SG	360/356	100	1145	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1037	200	0
6	DGA-009-2-SG Rep	360/316	100	1210	2	4	1/8	12	2.25	12	2.25	✓	✓	2222	–	–	200	0
7	DGA-011-2-SG	337/341	100	1236	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1037	200	0
8	DGA-011-5-SG	360/356	100	1305	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200/100	4/13.51	200	↑ Vacc *
9	DGA-013-10-SG	337/341	100	1325	10	12	1/8	12	2.25	6	2.25	✓	✓	1558	200	748	200	0
10	DGA-013-5-SG	360/316	100	1349	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	200	0
11	DGA-015-2-SG	337/341	100	1415	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1057	200	0
12	DGA-015-5-SG	360/356	100	1441	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	200	0

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):
* Purge 4 min @ 200 cc Vacc over Limit. STOP. Flow established purge 1331 @ 100 cc. Stop re-establish flow and pull sample

H&P Mobile Geochemistry Inc.

FMS004
Revision: 4
Revised: 3/22/2017
Effective: 3/24/2017
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: HALO30822-SB2 Date: 3/9/22
Site Address: 850 LAGOON DR. Page: 2 of 2
Consultant: HALEY ALDRICH H&P Rep(s): LOC NGO
Consultant Rep(s): Kaley Nelson
Reviewed: EC
Scanned: Mons

Equipment Info	Purge Volume Information	Leak Check Compound
Inline Gauge ID#:	PV Amount: PV Includes: ☑ Tubing ☑ Sand 40% ☑ Dry Bent 50%	*A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.* ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
Pump ID#: 008		

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
1	DGA-013-10-5G RL	327/341	100	1500	10	12	1/8	12	2.25	6	2.5	✓	✓	1658	—	—	<200	0
2	DGA-014-2.5-5G	360/356	100	1527	2.5	4.5	1/8	12	2.5	12	2.25	✓	✓	2124	200	1037	<200	-80
3	DGA-014-5-5G	327/341	100	1550	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	<200	-20
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: HAL0308B2-SB2. Date: 3/10/22
Site Address: 850 LAGOON Dr. Page: 1 of 2
Consultant: ALDRICH and HALey. H&P Rep(s): LOC NSO
Consultant Rep(s): KALEY NELSON

Reviewed: EC
Scanned: Hans

Equipment Info
Inline Gauge ID#:
Pump ID#: 008

Purge Volume Information
PV Amount: PV Includes: ☑ Tubing ☑ Sand 40% ☐ Dry Bent 50%

Leak Check Compound ☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
1	DGA-019-5-SG	356/341	100	815	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	L200	0
2	DGA-019-2-SG	360/337	100	840	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1037	L200	0
3	DGA-017-10-SG	356/341	100	910	10	12	1/8	12	2.25	6	2.25	✓	✓	1558	200	748	L200	0
4	DGA-017-5-SG	360/337	100	937	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	L200	0
5	DGA-017-5-SG Rep	360/337	100	1000	5	7	1/8	12	2.25	12	2.25	✓	✓	2231	—	—	L200	0
6	DGA-016-2-SG	356/341	100	1028	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1037	L200	0
7	DGA-016-5-SG	360/337	100	1050	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	L200	0
8	DGA-022-2-SG	356/341	100	1125	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1037	L200	0
9	DGA-022-5-SG	360/337	100	1155	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	L200	0
10	DGA-021-10-SG	356/341	100	1230	10	12	1/8	12	2.25	6	2.25	✓	✓	1558	200	748	L200	0
11	DGA-021-5-SG	360/337	100	1305	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	L200	0
12	DGA-007-5-SG	356/341	100	1405	5	7	1/8	12	2.25	12	2.25	✓	✓	2131	200	1039	L200	0

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

H&P Mobile Geochemistry Inc.

FMS004
Revision: 4
Revised: 3/22/2017
Effective: 3/24/2017
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Log Sheet: Soil Vapor Sampling with Syringe

H&P Project #: HAL030822-SB2 Date: 3/10/22
Site Address: 850 LAGOON DR Page: 2 of 2
Consultant: HALEY & ALDRICH H&P Rep(s): LOC NGO
Consultant Rep(s): KALEY NELSON
Reviewed: EC
Scanned: MM

Equipment Info
Inline Gauge ID#:
Pump ID#: 0056

Purge Volume Information
PV Amount:
PV Includes: ☐ Tubing ☑ Sand 40% ☑ Dry Bent 50%

Leak Check Compound
A cloth saturated with LCC is placed around tubing connections and probe seal. This is done for all samples unless otherwise noted.
☑ 1,1-DFA ☐ 1,1,1,2-TFA ☐ IPA ☐ Other:

Resample Key
RS = Resample
RD = for Dilution
RL = for LCC Fail

	Sample Information				Probe Specs							Purge & Collection Information						
	Point ID	Syringe ID	Sample Volume (cc)	Sample Time	Probe Depth (ft)	Tubing Length (ft)	Tubing OD (in.)	Sand Ht (in.)	Sand Dia (in.)	Dry Bent. Ht (in.)	Dry Bent. Dia (in.)	Shut In Test 60 sec (✓)	Leak Check (✓)	Purge Vol (mL)	Purge Flow Rate (mL/min)	Pump Time (min:sec)	Sample Flow Rate (mL/min)	ProbeVac ☐ Hg ☑ H_2O
1	DGA-0072-SG	240/347	100	1440	2	4	1/8	12	2.25	12	2.25	✓	✓	2122	200	1039	Low	6
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Site Notes such as weather, visitors, scope deviations, health & safety issues, etc. (When making sample specific notes, reference the line number above):

APPENDIX I

Data Gap Investigation Summary Tables

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-003			DGA-004		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-003-1	DGA-003-5	DGA-003-10	DGA-004-1	DGA-004-5	DGA-004-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1,1-Trichloroethane	-	1.7	7200	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1-Dichloroethane	-	0.56	16	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1-Dichloroethene	-	0.071	350	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,1-Dichloropropene	-	-	-	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057	-	10	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16	-	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	-	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,3-Dichloropropane	-	-	2200	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
2,2-Dichloropropane	-	-	-	-	< 0.0049	< 0.005	< 0.0049	< 0.0049	< 0.0049	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
4-Chlorotoluene	-	-	2300	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	**0.021**	< 0.019	**0.044 F1**	**0.054**	< 0.02
Benzene	-	0.019	1.4	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Bromodichloromethane	-	-	1.3	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-003			DGA-004		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-003-1	DGA-003-5	DGA-003-10	DGA-004-1	DGA-004-5	DGA-004-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.0049	< 0.005	< 0.0049	< 0.0049	< 0.0049	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	**0.027**	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Styrene	-	-	32000 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
Toluene	-	0.44	5300 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.0019	< 0.002	**0.0029**	< 0.002

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-003			DGA-004		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-003-1	DGA-003-5	DGA-003-10	DGA-004-1	DGA-004-5	DGA-004-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Vinyl acetate	-	-	3800 [3]	-	< 0.0099	< 0.01	< 0.0097	< 0.0099	< 0.0098	< 0.01
Vinyl chloride	-	13	0.15 -	10	< 0.00099	< 0.001	< 0.00097	< 0.00099	< 0.00098	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-007			DGA-008		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-007-1	DGA-007-5	DGA-007-9.5	DGA-008-1	DGA-008-5	DGA-008-9.5
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	9.5 (ft)	1 (ft)	5 (ft)	9.5 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1,1-Trichloroethane	-	1.7	7200 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1-Dichloroethane	-	0.56	16 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1-Dichloroethene	-	0.071	350 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,1-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057 -	10	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	- -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,3-Dichloropropane	-	-	2200 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
2,2-Dichloropropane	-	-	- -	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
4-Chlorotoluene	-	-	2300 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	**0.024**	**0.02**
Benzene	-	0.019	1.4 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Bromodichloromethane	-	-	1.3 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-007			DGA-008		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-007-1	DGA-007-5	DGA-007-9.5	DGA-008-1	DGA-008-5	DGA-008-9.5
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	9.5 (ft)	1 (ft)	5 (ft)	9.5 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Styrene	-	-	32000 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
Toluene	-	0.44	5300 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	**0.0032**	< 0.002

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-007			DGA-008		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-007-1	DGA-007-5	DGA-007-9.5	DGA-008-1	DGA-008-5	DGA-008-9.5
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	9.5 (ft)	1 (ft)	5 (ft)	9.5 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Vinyl acetate	-	-	3800 [3]	-	< 0.01	< 0.0099	< 0.0099	< 0.0099	< 0.01	< 0.01
Vinyl chloride	-	13	0.15 -	10	< 0.001	< 0.00099	< 0.00099	< 0.00099	< 0.001	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-009			DGA-011		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-009-1	DGA-009-5	DGA-009-10	DGA-011-3.5	DGA-011-5	DGA-011-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1,1-Trichloroethane	-	1.7	7200 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1,2,2-Tetrachloroethane	-	-	2.7 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1-Dichloroethane	-	0.56	16 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1-Dichloroethene	-	0.071	350 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,1-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057 -	10	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,2-Dichloropropane	-	-	11 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	- -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,3-Dichloropropane	-	-	2200 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
2,2-Dichloropropane	-	-	- -	-	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
4-Chlorotoluene	-	-	2300 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	**0.042**	< 0.02	< 0.02	< 0.02	< 0.02
Benzene	-	0.019	1.4 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Bromobenzene	-	-	1800 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Bromodichloromethane	-	-	1.3 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-009			DGA-011		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-009-1	DGA-009-5	DGA-009-10	DGA-011-3.5	DGA-011-5	DGA-011-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Carbon tetrachloride	-	-	2.9 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Chlorobenzene	-	2	1300 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
cis-1,3-Dichloropropene	-	-	- -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Naphthalene	-	-	6.5 -	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
n-Butylbenzene	-	-	18000 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Styrene	-	-	32000 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
tert-Butylbenzene	-	-	12000 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Tetrachloroethene	-	2.1	2.7 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
Toluene	-	0.44	5300 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-009			DGA-011		
Portion of Building 29					South			South		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-009-1	DGA-009-5	DGA-009-10	DGA-011-3.5	DGA-011-5	DGA-011-10
Sample Date					03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022	03/08/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Vinyl acetate	-	-	3800 [3]	-	< 0.01	< 0.0098	< 0.01	< 0.0099	< 0.01	< 0.0099
Vinyl chloride	-	13	0.15 -	10	< 0.001	< 0.00098	< 0.001	< 0.00099	< 0.001	< 0.00099

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-013			DGA-014		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-013-1	DGA-013-5	DGA-013-10	DGA-014-3.5	DGA-014-5	DGA-014-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1,1-Trichloroethane	-	1.7	7200	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1-Dichloroethane	-	0.56	16	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1-Dichloroethene	-	0.071	350	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,1-Dichloropropene	-	-	-	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057	-	10	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16	-	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	-	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,3-Dichloropropane	-	-	2200	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
2,2-Dichloropropane	-	-	-	-	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
4-Chlorotoluene	-	-	2300	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
Benzene	-	0.019	1.4	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Bromodichloromethane	-	-	1.3	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-013			DGA-014		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-013-1	DGA-013-5	DGA-013-10	DGA-014-3.5	DGA-014-5	DGA-014-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Styrene	-	-	32000 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
Toluene	-	0.44	5300 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.0019	< 0.002	< 0.002

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-013			DGA-014		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-013-1	DGA-013-5	DGA-013-10	DGA-014-3.5	DGA-014-5	DGA-014-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Vinyl acetate	-	-	3800 [3]	-	< 0.0099	< 0.0098	< 0.0098	< 0.0097	< 0.01	< 0.01
Vinyl chloride	-	13	0.15 -	10	< 0.00099	< 0.00098	< 0.00098	< 0.00097	< 0.001	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-015			DGA-016		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-015-1	DGA-015-5	DGA-015-10	DGA-016-1	DGA-016-5	DGA-016-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1,1-Trichloroethane	-	1.7	7200 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1-Dichloroethane	-	0.56	16 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1-Dichloroethene	-	0.071	350 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,1-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057 -	10	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	- -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,3-Dichloropropane	-	-	2200 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
2,2-Dichloropropane	-	-	- -	-	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
4-Chlorotoluene	-	-	2300 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Benzene	-	0.019	1.4 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Bromodichloromethane	-	-	1.3 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-015			DGA-016		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-015-1	DGA-015-5	DGA-015-10	DGA-016-1	DGA-016-5	DGA-016-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Styrene	-	-	32000 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
Toluene	-	0.44	5300 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-015			DGA-016		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-015-1	DGA-015-5	DGA-015-10	DGA-016-1	DGA-016-5	DGA-016-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Vinyl acetate	-	-	3800 [3]	-	< 0.0099	< 0.01	< 0.0098	< 0.0098	< 0.0099	< 0.01
Vinyl chloride	-	13	0.15 -	10	< 0.00099	< 0.001	< 0.00098	< 0.00098	< 0.00099	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-017			DGA-019		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-017-1	DGA-017-5	DGA-017-10	DGA-019-1	DGA-019-6.5	DGA-019-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	6.5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1,1-Trichloroethane	-	1.7	7200	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1-Dichloroethane	-	0.56	16	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1-Dichloroethene	-	0.071	350	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,1-Dichloropropene	-	-	-	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057	-	10	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16	-	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 F1	< 0.002
1,3-Dichlorobenzene	-	-	-	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
1,3-Dichloropropane	-	-	2200	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
2,2-Dichloropropane	-	-	-	-	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
4-Chlorotoluene	-	-	2300	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	**0.022**	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Benzene	-	0.019	1.4	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Bromodichloromethane	-	-	1.3	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-017			DGA-019		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-017-1	DGA-017-5	DGA-017-10	DGA-019-1	DGA-019-6.5	DGA-019-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	6.5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.005	< 0.005	< 0.0049	< 0.0049	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 F1	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 F1	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Styrene	-	-	32000 -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001 F1	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
Toluene	-	0.44	5300 -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-017			DGA-019		
Portion of Building 29					Central			Central		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-017-1	DGA-017-5	DGA-017-10	DGA-019-1	DGA-019-6.5	DGA-019-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	6.5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Vinyl acetate	-	-	3800 [3]	-	< 0.01	< 0.0099	< 0.0098	< 0.0098	< 0.01	< 0.01
Vinyl chloride	-	13	0.15 -	10	< 0.001	< 0.00099	< 0.00098	< 0.00098	< 0.001	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-021			DGA-022		
Portion of Building 29					North			North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-021-1	DGA-021-5	DGA-021-10	DGA-022-1	DGA-022-5	DGA-022-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,1,1-Trichloroethane	-	1.7	7200 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	-	-	2.7 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,1-Dichloroethane	-	0.56	16 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	-	0.071	350 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	-	-	- -	-	< 0.002 F2	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057 -	10	< 0.0098	< 0.0099	< 0.0098	< 0.01	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	- -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	-	-	2200 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane	-	-	- -	-	< 0.0049	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	-	-	2300 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Acetone	-	-	1100000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Benzene	-	0.019	1.4 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Bromobenzene	-	-	1800 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Bromodichloromethane	-	-	1.3 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-021			DGA-022		
Portion of Building 29					North			North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-021-1	DGA-021-5	DGA-021-10	DGA-022-1	DGA-022-5	DGA-022-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.0049	< 0.005	< 0.0049	< 0.005	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.0098	< 0.0099	< 0.0098	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	-	-	2.9 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Chlorobenzene	-	2	1300 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.00098 F2	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.00098 F2	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	-	-	- -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002 F2	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.0098	< 0.0099	< 0.0098	< 0.01	< 0.01	< 0.01
Naphthalene	-	-	6.5 -	-	< 0.0098	< 0.0099	< 0.0098	< 0.01	< 0.01	< 0.01
n-Butylbenzene	-	-	18000 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Styrene	-	-	32000 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
tert-Butylbenzene	-	-	12000 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Tetrachloroethene	-	2.1	2.7 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
Toluene	-	0.44	5300 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.00098 F2	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-021			DGA-022		
Portion of Building 29					North			North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-021-1	DGA-021-5	DGA-021-10	DGA-022-1	DGA-022-5	DGA-022-10
Sample Date					03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022
Sample Depth (bgs)					1 (ft)	5 (ft)	10 (ft)	1 (ft)	5 (ft)	10 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.0098	< 0.0099	< 0.0098	< 0.01	< 0.01	< 0.01
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.0098	< 0.0099	< 0.0098	< 0.01	< 0.01	< 0.01
Vinyl acetate	-	-	3800 [3]	-	< 0.0098	< 0.0099	< 0.0098	< 0.01	< 0.01	< 0.01
Vinyl chloride	-	13	0.15 -	10	< 0.00098 F1	< 0.00099	< 0.00098	< 0.001	< 0.001	< 0.001

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-024			DGA-025		
Portion of Building 29					North			North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-024-1	DGA-024-3	DGA-024-4.5	DGA-025-1.5	DGA-025-3	DGA-025-5
Sample Date					03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022
Sample Depth (bgs)					1 (ft)	3 (ft)	4.5 (ft)	1.5 (ft)	3 (ft)	5 (ft)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,1,1-Trichloroethane	-	1.7	7200	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,1,2,2-Tetrachloroethane	-	-	2.7	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,1-Dichloroethane	-	0.56	16	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,1-Dichloroethene	-	0.071	350	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,1-Dichloropropene	-	-	-	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057	-	10	< 0.0098	< 0.0099	< 0.0098	< 0.0098	< 0.0099	< 0.0098
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16	-	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	-	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,3-Dichloropropane	-	-	2200	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
2,2-Dichloropropane	-	-	-	-	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.005	< 0.0049
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
4-Chlorotoluene	-	-	2300	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02 *+	< 0.02 *+	< 0.02 *+	< 0.02 *+	< 0.02 *+	< 0.02 *+
Acetone	-	-	1100000 [3]	-	< 0.02	< 0.02	< 0.02	**0.022**	< 0.02	< 0.02
Benzene	-	0.019	1.4	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Bromobenzene	-	-	1800 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Bromodichloromethane	-	-	1.3	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-024			DGA-025		
Portion of Building 29					North			North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-024-1	DGA-024-3	DGA-024-4.5	DGA-025-1.5	DGA-025-3	DGA-025-5
Sample Date					03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022
Sample Depth (bgs)					1 (ft)	3 (ft)	4.5 (ft)	1.5 (ft)	3 (ft)	5 (ft)
Volatile Organic Compounds (mg/kg)										
Bromoform	-	-	86 -	-	< 0.0049	< 0.0049	< 0.0049	< 0.0049	< 0.005	< 0.0049
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.0098	< 0.0099	< 0.0098	< 0.0098	< 0.0099	< 0.0098
Carbon tetrachloride	-	-	2.9 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Chlorobenzene	-	2	1300 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	**0.0013**	< 0.00099	**0.0016**	**0.0024**	< 0.00099	**0.0011**
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
cis-1,3-Dichloropropene	-	-	- -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Dibromochloromethane	-	-	4.1 -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.0098	< 0.0099	< 0.0098	< 0.0098	< 0.0099	< 0.0098
Naphthalene	-	-	6.5 -	-	< 0.0098	< 0.0099	< 0.0098	< 0.0098	< 0.0099	< 0.0098
n-Butylbenzene	-	-	18000 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Styrene	-	-	32000 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
tert-Butylbenzene	-	-	12000 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
Tetrachloroethene	-	2.1	2.7 -	-	< 0.00098	< 0.00099	< 0.00098	**0.0011**	< 0.00099	< 0.00098
Toluene	-	0.44	5300 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	**0.43**	**0.16**	**0.041**	**0.58**	**0.051**	**0.033**

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-024			DGA-025		
Portion of Building 29					North			North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-024-1	DGA-024-3	DGA-024-4.5	DGA-025-1.5	DGA-025-3	DGA-025-5
Sample Date					03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022
Sample Depth (bgs)					1 (ft)	3 (ft)	4.5 (ft)	1.5 (ft)	3 (ft)	5 (ft)
Volatile Organic Compounds (mg/kg)										
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.0098	< 0.0099	< 0.0098	< 0.0098	< 0.0099	< 0.0098
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.0098	< 0.0099	< 0.0098	< 0.0098	< 0.0099	< 0.0098
Vinyl acetate	-	-	3800 [3]	-	< 0.0098	< 0.0099	< 0.0098	< 0.0098	< 0.0099	< 0.0098
Vinyl chloride	-	13	0.15 -	10	< 0.00098	< 0.00099	< 0.00098	< 0.00098	< 0.00099	< 0.00098

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-026		
Portion of Building 29					North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-026-3	DGA-026-4.5	DGA-026-6
Sample Date					03/10/2022	03/10/2022	03/10/2022
Sample Depth (bgs)					3 (ft)	4.5 (ft)	6 (ft)
Volatile Organic Compounds (mg/kg)							
1,1,1,2-Tetrachloroethane	-	-	8.8 [3]	-	< 0.00099	< 0.001	< 0.00098
1,1,1-Trichloroethane	-	1.7	7200 -	-	< 0.00099 F2	< 0.001	< 0.00098
1,1,2,2-Tetrachloroethane	-	-	2.7 -	-	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	-	0.04	5 [3]	-	< 0.00099 F2	< 0.001	< 0.00098
1,1-Dichloroethane	-	0.56	16 -	-	< 0.00099 F2	< 0.001	< 0.00098
1,1-Dichloroethene	-	0.071	350 -	-	< 0.00099 F2	< 0.001	< 0.00098
1,1-Dichloropropene	-	-	- -	-	< 0.002 F2	< 0.002	< 0.002
1,2,3-Trichlorobenzene	-	-	300 -	-	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	-	-	0.021 -	-	< 0.002	< 0.002	< 0.002
1,2,4-Trichlorobenzene	-	0.818	35 -	-	< 0.002	< 0.002	< 0.002
1,2,4-Trimethylbenzene	-	-	1800 [3]	-	< 0.002	< 0.002	< 0.002
1,2-Dibromo-3-chloropropane (DBCP)	-	-	0.057 -	10	< 0.0099	< 0.01	< 0.0098
1,2-Dibromoethane (Ethylene Dibromide)	-	-	0.16 -	-	< 0.00099	< 0.001	< 0.00098
1,2-Dichlorobenzene	-	28	9300 [3]	-	< 0.00099	< 0.001	< 0.00098
1,2-Dichloroethane	-	0.0028	2 [3]	-	< 0.00099	< 0.001	< 0.00098
1,2-Dichloropropane	-	-	11 [3]	-	< 0.00099	< 0.001	< 0.00098
1,3,5-Trimethylbenzene	-	-	1500 [3]	-	< 0.002	< 0.002	< 0.002
1,3-Dichlorobenzene	-	-	- -	-	< 0.00099	< 0.001	< 0.00098
1,3-Dichloropropane	-	-	2200 -	-	< 0.00099 F2	< 0.001	< 0.00098
1,4-Dichlorobenzene	-	0.23	11 [3]	-	< 0.00099	< 0.001	< 0.00098
2,2-Dichloropropane	-	-	- -	-	< 0.0049 F2	< 0.005	< 0.0049
2-Butanone (Methyl Ethyl Ketone)	-	-	190000 [3]	-	< 0.02	< 0.02	< 0.02
2-Chlorotoluene	-	-	2500 -	-	< 0.00099	< 0.001	< 0.00098
2-Hexanone (Methyl Butyl Ketone)	-	-	1300 [3]	-	< 0.02	< 0.02	< 0.02
2-Phenylbutane (sec-Butylbenzene)	-	-	12000 -	-	< 0.00099	< 0.001	< 0.00098
4-Chlorotoluene	-	-	2300 -	-	< 0.00099	< 0.001	< 0.00098
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	140000 [3]	-	< 0.02 *+F1	< 0.02 *+	< 0.02 *+
Acetone	-	-	1100000 [3]	-	< 0.02 F2	< 0.02	< 0.02
Benzene	-	0.019	1.4 -	-	< 0.00099	< 0.001	< 0.00098
Bromobenzene	-	-	1800 [3]	-	< 0.00099	< 0.001	< 0.00098
Bromodichloromethane	-	-	1.3 -	-	< 0.00099	< 0.001	< 0.00098

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-026		
Portion of Building 29					North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-026-3	DGA-026-4.5	DGA-026-6
Sample Date					03/10/2022	03/10/2022	03/10/2022
Sample Depth (bgs)					3 (ft)	4.5 (ft)	6 (ft)
Volatile Organic Compounds (mg/kg)							
Bromoform	-	-	86 -	-	< 0.0049 F2	< 0.005	< 0.0049
Bromomethane (Methyl Bromide)	-	-	30 [3]	-	< 0.02	< 0.02	< 0.02
Carbon disulfide	-	-	3500 [3]	-	< 0.0099	< 0.01	< 0.0098
Carbon tetrachloride	-	-	2.9 -	-	< 0.00099 F2	< 0.001	< 0.00098
Chlorobenzene	-	2	1300 [3]	-	< 0.00099	< 0.001	< 0.00098
Chlorobromomethane	-	-	630 [3]	-	< 0.002	< 0.002	< 0.002
Chloroethane	-	-	23000 [3]	-	< 0.002	< 0.002	< 0.002
Chloroform (Trichloromethane)	-	-	1.4 [3]	-	< 0.00099 F2F1	< 0.001	< 0.00098
Chloromethane (Methyl Chloride)	-	-	460 [3]	-	< 0.02	< 0.02	< 0.02
cis-1,2-Dichloroethene	-	4.9	84 -	-	< 0.00099 F2F1	< 0.001	< 0.00098
cis-1,3-Dichloropropene	-	-	- -	-	< 0.00099	< 0.001	< 0.00098
Cymene (p-Isopropyltoluene)	-	-	- -	-	< 0.00099	< 0.001	< 0.00098
Dibromochloromethane	-	-	4.1 -	-	< 0.002 F2	< 0.002	< 0.002
Dibromomethane	-	-	99 [3]	-	< 0.00099	< 0.001	< 0.00098
Dichlorodifluoromethane (CFC-12)	-	-	370 [3]	-	< 0.002	< 0.002	< 0.002
Ethylbenzene	-	7.7	25 [3]	-	< 0.00099	< 0.001	< 0.00098
Isopropylbenzene (Cumene)	-	-	9900 [3]	-	< 0.00099	< 0.001	< 0.00098
m,p-Xylenes	-	6	- -	-	< 0.002	< 0.002	< 0.002
Methyl Tert Butyl Ether (MTBE)	-	-	210 [3]	-	< 0.002 F2	< 0.002	< 0.002
Methylene chloride (Dichloromethane)	-	0.019	26 -	-	< 0.0099	< 0.01	< 0.0098
Naphthalene	-	-	6.5 -	-	< 0.0099	< 0.01	< 0.0098
n-Butylbenzene	-	-	18000 -	-	< 0.00099	< 0.001	< 0.00098
n-Propylbenzene	-	-	24000 [3]	-	< 0.002	< 0.002	< 0.002
o-Xylene	-	6	2800 [3]	-	< 0.00099	< 0.001	< 0.00098
Styrene	-	-	32000 -	-	< 0.00099	< 0.001	< 0.00098
tert-Butylbenzene	-	-	12000 -	-	< 0.00099	< 0.001	< 0.00098
Tetrachloroethene	-	2.1	2.7 -	-	< 0.00099	< 0.001	< 0.00098
Toluene	-	0.44	5300 -	-	< 0.00099	< 0.001	< 0.00098
trans-1,2-Dichloroethene	-	0.17	600 -	-	< 0.00099 F2F1	< 0.001	< 0.00098
trans-1,3-Dichloropropene	-	-	- -	-	< 0.002 F2	< 0.002	< 0.002
Trichloroethene (see Note 2)	-	27	6 [3]	2040	**0.0042 F2**	**0.0045**	**0.0034**

TABLE I-1
SUMMARY OF SOIL ANALYTICAL RESULTS - VOLATILE ORGANIC COMPOUNDS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location					DGA-026		
Portion of Building 29					North		
Sample Name	Background [1]	GPL	Commercial/ Industrial DTSC SL [2]	TTLC	DGA-026-3	DGA-026-4.5	DGA-026-6
Sample Date					03/10/2022	03/10/2022	03/10/2022
Sample Depth (bgs)					3 (ft)	4.5 (ft)	6 (ft)
Volatile Organic Compounds (mg/kg)							
Trichlorofluoromethane (CFC-11)	-	-	5400 -	-	< 0.0099	< 0.01	< 0.0098
Trifluorotrichloroethane (Freon 113)	-	6.4	28000 [3]	-	< 0.0099 F2	< 0.01	< 0.0098
Vinyl acetate	-	-	3800 [3]	-	< 0.0099	< 0.01	< 0.0098
Vinyl chloride	-	13	0.15 -	10	< 0.00099	< 0.001	< 0.00098

Notes:

1. Detected results were screened against the following criteria. Exceedances are shaded gray and flagged in [ ]:
   [A]: Result is greater than Groundwater Protection Level (GPL), (Haley & Aldrich 2014a, 2014b).
   [B]: Result is greater than Commercial/Industrial Department of Toxic Substances Control Screening Level, HHRA Note 3, June 2020 - Revised May 2022.
   [C]: Result is greater than Total Threshold Limit Concentration (TTLC), CCR Title 22 Section 66261.24.
2. Detected results for trichloroethene (TCE) were also compared to the Health-Based Remediation Goal (HBRG) of 1.5 mg/kg (Haley & Aldrich, 2021b). Results shown in this table do not exceed the HBRG for TCE.

Footnotes:

[1] Site background
[2] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[3] U.S. EPA Region 9 Remediation Screening Level

Abbreviations:

BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits
*+ = LCS and/or LCSD is outside acceptance limits, high biased.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-003		DGA-004			DGA-007		DGA-008	
Portion of Building 29		South		South			South		South	
Sample Date		03/08/2022	03/08/2022	03/08/2022	03/09/2022	03/08/2022	03/10/2022	03/10/2022	03/08/2022	03/08/2022
Sample Type		N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)
Sample Name		DGA-003-2-SG	DGA-003-5-SG	DGA-004-1-SG	DGA-004-5-SG	DGA-004-10-SG	DGA-007-2-SG	DGA-007-5-SG	DGA-008-2-SG	DGA-008-5-SG
Volatile Organic Compounds (µg/m^3)										
1,1,1,2-Tetrachloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	-	< 100	< 100	**2000**	< 100	< 100	**3300**	**2400**	< 100	< 100
1,1,2,2-Tetrachloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2-Trichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethane	-	< 100	< 100	**430**	**750**	**250**	< 100	< 100	< 100	< 100
1,1-Dichloroethene	-	< 100	< 100	< 100	**650**	**220**	**150**	**130**	< 100	< 100
1,1-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Difluoroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	**110**	< 100
1,2,3-Trichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-chloropropane (DBCP)	-	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
1,2-Dibromoethane (Ethylene Dibromide)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,2-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2,2-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Chlorotoluene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Phenylbutane (sec-Butylbenzene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
4-Chlorotoluene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	-	**20**	< 20	**24**	**84**	**30**	**36**	**89**	< 20	< 20
Bromobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	70	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-003		DGA-004			DGA-007		DGA-008	
Portion of Building 29		South		South			South		South	
Sample Date		03/08/2022	03/08/2022	03/08/2022	03/09/2022	03/08/2022	03/10/2022	03/10/2022	03/08/2022	03/08/2022
Sample Type		N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)
Sample Name		DGA-003-2-SG	DGA-003-5-SG	DGA-004-1-SG	DGA-004-5-SG	DGA-004-10-SG	DGA-007-2-SG	DGA-007-5-SG	DGA-008-2-SG	DGA-008-5-SG
Volatile Organic Compounds (µg/m^3)										
Bromomethane (Methyl Bromide)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Carbon tetrachloride	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobenzene	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobromomethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroethane	-	< 100	< 100	< 100	**390**	< 100	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	< 20	< 20	**80**	< 20	< 20	**120**	**75**	< 20	< 20
Chloromethane (Methyl Chloride)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,2-Dichloroethene	100	< 100	< 100	**5800**	**140000**	**15000**	< 100	< 100	< 100	< 100
cis-1,3-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Cymene (p-Isopropyltoluene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloromethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromomethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane (CFC-12)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Ethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Hexachlorobutadiene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Isopropylbenzene (Cumene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
m,p-Xylenes	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl Tert Butyl Ether (MTBE)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride (Dichloromethane)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Naphthalene	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
n-Butylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
n-Propylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
tert-Butylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	370	< 20	< 20	**100**	< 20	< 20	**20**	< 20	< 20	< 20
Toluene	-	< 200	< 200	< 200	< 200	< 200	< 200	**230**	< 200	< 200
trans-1,2-Dichloroethene	-	< 100	< 100	**340**	**2500**	**350**	< 100	< 100	< 100	< 100
trans-1,3-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-003		DGA-004			DGA-007		DGA-008	
Portion of Building 29		South		South			South		South	
Sample Date		03/08/2022	03/08/2022	03/08/2022	03/09/2022	03/08/2022	03/10/2022	03/10/2022	03/08/2022	03/08/2022
Sample Type		N	N	N	N	N	N	N	N	N
Sample Depth (bgs)		2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)
Sample Name		DGA-003-2-SG	DGA-003-5-SG	DGA-004-1-SG	DGA-004-5-SG	DGA-004-10-SG	DGA-007-2-SG	DGA-007-5-SG	DGA-008-2-SG	DGA-008-5-SG
Volatile Organic Compounds (µg/m^3)										
Trichloroethene	350	**260**	**33**	**18000**	**6600**	**3900**	**5600**	**1500**	**1300**	**330**
Trichlorofluoromethane (CFC-11)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Trifluorotrichloroethane (Freon 113)	-	**160**	< 100	**1600**	< 100	< 100	**2600**	**2700**	< 100	< 100
Vinyl chloride	-	< 10	< 10	< 10	**420**	**130**	< 10	< 10	< 10	< 10

Notes and Abbreviations:

1. Results in **bold** are detected.
2. <: Result is not detected above the indicated reporting limit.
3. Detected results were screened agaist Health-Based Remediation Goals (HBRGs; Haley & Aldrich, 2021b).
   Results detected above the HBRGs are shaded in gray.

µg/m^3 = micrograms per cubic meter

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-009 South			DGA-011 South		DGA-013 Central		
Portion of Building 29									
Sample Date		03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/08/2022	03/09/2022	03/09/2022
Sample Type		N	FD	N	N	N	N	N	N
Sample Depth (bgs)		2 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)
Sample Name		DGA-009-2-SG	DGA-009-2-SG REP	DGA-009-5-SG	DGA-011-2-SG	DGA-011-5-SG	DGA-013-1-SG	DGA-013-5-SG	DGA-013-10-SG
Volatile Organic Compounds (µg/m^3)									
1,1,1,2-Tetrachloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2-Trichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethane	-	**120**	**100**	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Difluoroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	**180**	< 100
1,2,3-Trichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-chloropropane (DBCP)	-	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
1,2-Dibromoethane (Ethylene Dibromide)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,2-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2,2-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Chlorotoluene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Phenylbutane (sec-Butylbenzene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
4-Chlorotoluene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	-	**34**	**28**	**41**	< 20	**68**	< 20	**21**	**26**
Bromobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	70	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-009 South			DGA-011 South		DGA-013 Central		
Portion of Building 29									
Sample Date		03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/08/2022	03/09/2022	03/09/2022
Sample Type		N	FD	N	N	N	N	N	N
Sample Depth (bgs)		2 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)
Sample Name		DGA-009-2-SG	DGA-009-2-SG REP	DGA-009-5-SG	DGA-011-2-SG	DGA-011-5-SG	DGA-013-1-SG	DGA-013-5-SG	DGA-013-10-SG
Volatile Organic Compounds (µg/m^3)									
Bromomethane (Methyl Bromide)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Carbon tetrachloride	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobenzene	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobromomethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chloromethane (Methyl Chloride)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,2-Dichloroethene	100	**17000**	**14000**	**1400**	< 100	**180**	< 100	< 100	< 100
cis-1,3-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Cymene (p-Isopropyltoluene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloromethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromomethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane (CFC-12)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Ethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Hexachlorobutadiene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Isopropylbenzene (Cumene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
m,p-Xylenes	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl Tert Butyl Ether (MTBE)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride (Dichloromethane)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Naphthalene	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
n-Butylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
n-Propylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
tert-Butylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	370	**66**	**56**	< 20	**35**	< 20	**180**	< 20	**130**
Toluene	-	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
trans-1,2-Dichloroethene	-	**470**	**390**	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,3-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-009 South			DGA-011 South		DGA-013 Central		
Portion of Building 29									
Sample Date		03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/08/2022	03/09/2022	03/09/2022
Sample Type		N	FD	N	N	N	N	N	N
Sample Depth (bgs)		2 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)
Sample Name		DGA-009-2-SG	DGA-009-2-SG REP	DGA-009-5-SG	DGA-011-2-SG	DGA-011-5-SG	DGA-013-1-SG	DGA-013-5-SG	DGA-013-10-SG
Volatile Organic Compounds (µg/m^3)									
Trichloroethene	350	**2300**	**1900**	**150**	**860**	**160**	**54**	< 20	**81**
Trichlorofluoromethane (CFC-11)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Trifluorotrichloroethane (Freon 113)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl chloride	-	**36**	**30**	< 10	< 10	< 10	< 10	< 10	< 10

Notes and Abbreviations:

1. Results in **bold** are detected.
2. <: Result is not detected above the indicated reporting limit.
3. Detected results were screened agaist Health-Based Remediation Goals (HBRGs; Haley & Aldrich, 2021b).
   Results detected above the HBRGs are shaded in gray.

µg/m^3 = micrograms per cubic meter

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-014		DGA-015		DGA-016		DGA-017		
Portion of Building 29		Central		Central		Central		Central		
Sample Date		03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/10/2022	03/10/2022	03/08/2022	03/08/2022	03/10/2022
Sample Type		N	N	N	N	N	N	N	FD	N
Sample Depth (bgs)		2.5 (ft)	5 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)	1 (ft)	1 (ft)	5 (ft)
Sample Name		DGA-014-2.5-SG	DGA-014-5-SG	DGA-015-2-SG	DGA-015-5-SG	DGA-016-2-SG	DGA-016-5-SG	DGA-017-1-SG	DGA-017-1-SG REP	DGA-017-5-SG
Volatile Organic Compounds (µg/m^3)										
1,1,1,2-Tetrachloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	**150**	**140**	< 100
1,1,2,2-Tetrachloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2-Trichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Difluoroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-chloropropane (DBCP)	-	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
1,2-Dibromoethane (Ethylene Dibromide)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,2-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2,2-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Chlorotoluene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Phenylbutane (sec-Butylbenzene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
4-Chlorotoluene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	-	< 20	**28**	< 20	**26**	**56**	**75**	< 20	< 20	**47**
Bromobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	70	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location		DGA-014		DGA-015		DGA-016		DGA-017		
Portion of Building 29		Central		Central		Central		Central		
Sample Date	Health-based Remediation Goals	03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/10/2022	03/10/2022	03/08/2022	03/08/2022	03/10/2022
Sample Type		N	N	N	N	N	N	N	FD	N
Sample Depth (bgs)		2.5 (ft)	5 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)	1 (ft)	1 (ft)	5 (ft)
Sample Name		DGA-014-2.5-SG	DGA-014-5-SG	DGA-015-2-SG	DGA-015-5-SG	DGA-016-2-SG	DGA-016-5-SG	DGA-017-1-SG	DGA-017-1-SG REP	DGA-017-5-SG
Volatile Organic Compounds (µg/m^3)										
Bromomethane (Methyl Bromide)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Carbon tetrachloride	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobenzene	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobromomethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	< 20	< 20	< 20	< 20	**61**	< 20	**140**	**120**	**57**
Chloromethane (Methyl Chloride)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,2-Dichloroethene	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,3-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Cymene (p-Isopropyltoluene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloromethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromomethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane (CFC-12)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Ethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Hexachlorobutadiene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Isopropylbenzene (Cumene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
m,p-Xylenes	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl Tert Butyl Ether (MTBE)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride (Dichloromethane)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Naphthalene	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
n-Butylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
n-Propylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
tert-Butylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	370	**260**	**90**	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Toluene	-	< 200	< 200	< 200	< 200	**200**	**220**	< 200	< 200	< 200
trans-1,2-Dichloroethene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,3-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-014		DGA-015		DGA-016		DGA-017		
Portion of Building 29		Central		Central		Central		Central		
Sample Date		03/09/2022	03/09/2022	03/09/2022	03/09/2022	03/10/2022	03/10/2022	03/08/2022	03/08/2022	03/10/2022
Sample Type		N	N	N	N	N	N	N	FD	N
Sample Depth (bgs)		2.5 (ft)	5 (ft)	2 (ft)	5 (ft)	2 (ft)	5 (ft)	1 (ft)	1 (ft)	5 (ft)
Sample Name		DGA-014-2.5-SG	DGA-014-5-SG	DGA-015-2-SG	DGA-015-5-SG	DGA-016-2-SG	DGA-016-5-SG	DGA-017-1-SG	DGA-017-1-SG REP	DGA-017-5-SG
Volatile Organic Compounds (µg/m^3)										
Trichloroethene	350	< 20	< 20	< 20	< 20	**4900**	**250**	**2700**	**2700**	**840**
Trichlorofluoromethane (CFC-11)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Trifluorotrichloroethane (Freon 113)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl chloride	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes and Abbreviations:

1. Results in **bold** are detected.
2. <: Result is not detected above the indicated reporting limit.
3. Detected results were screened agaist Health-Based Remediation Goals (HBRGs; Haley & Aldrich, 2021b).
   Results detected above the HBRGs are shaded in gray.

µg/m^3 = micrograms per cubic meter

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location		DGA-017		DGA-019		DGA-021			DGA-022	
Portion of Building 29	Health-based Remediation Goals	Central		Central		North			North	
Sample Date		03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/08/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022
Sample Type		FD	N	N	N	N	N	N	N	N
Sample Depth (bgs)		5 (ft)	10 (ft)	2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)	2 (ft)	5 (ft)
Sample Name		DGA-017-5-SG REP	DGA-017-10-SG	DGA-019-2-SG	DGA-019-5-SG	DGA-021-1-SG	DGA-021-5-SG	DGA-021-10-SG	DGA-022-2-SG	DGA-022-5-SG
Volatile Organic Compounds (µg/m^3)										
1,1,1,2-Tetrachloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2-Trichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Difluoroethane	-	< 100	**780**	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-chloropropane (DBCP)	-	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
1,2-Dibromoethane (Ethylene Dibromide)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,2-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2,2-Dichloropropane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Chlorotoluene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Phenylbutane (sec-Butylbenzene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
4-Chlorotoluene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Benzene	-	**46**	< 20	**26**	**39**	< 20	**55**	**29**	**30**	**55**
Bromobenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	70	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-017		DGA-019		DGA-021			DGA-022	
Portion of Building 29		Central		Central		North			North	
Sample Date		03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/08/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022
Sample Type		FD	N	N	N	N	N	N	N	N
Sample Depth (bgs)		5 (ft)	10 (ft)	2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)	2 (ft)	5 (ft)
Sample Name		DGA-017-5-SG REP	DGA-017-10-SG	DGA-019-2-SG	DGA-019-5-SG	DGA-021-1-SG	DGA-021-5-SG	DGA-021-10-SG	DGA-022-2-SG	DGA-022-5-SG
Volatile Organic Compounds (µg/m^3)										
Bromomethane (Methyl Bromide)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Carbon tetrachloride	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobenzene	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobromomethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroform (Trichloromethane)	80	**68**	**41**	**30**	**23**	< 20	< 20	**73**	**190**	**93**
Chloromethane (Methyl Chloride)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,2-Dichloroethene	100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,3-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Cymene (p-Isopropyltoluene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloromethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromomethane	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane (CFC-12)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Ethylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Hexachlorobutadiene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Isopropylbenzene (Cumene)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
m,p-Xylenes	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl Tert Butyl Ether (MTBE)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride (Dichloromethane)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Naphthalene	-	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
n-Butylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
n-Propylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
tert-Butylbenzene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	370	< 20	< 20	< 20	< 20	**560**	**370**	**770**	**98**	**34**
Toluene	-	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
trans-1,2-Dichloroethene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,3-Dichloropropene	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE I-2
SOIL GAS ANALYTICAL RESULTS
ROHR, INC. - NORTH CAMPUS, PARCEL A
CHULA VISTA, CALIFORNIA

Location	Health-based Remediation Goals	DGA-017		DGA-019		DGA-021			DGA-022	
Portion of Building 29		Central		Central		North			North	
Sample Date		03/10/2022	03/10/2022	03/10/2022	03/10/2022	03/08/2022	03/10/2022	03/10/2022	03/10/2022	03/10/2022
Sample Type		FD	N	N	N	N	N	N	N	N
Sample Depth (bgs)		5 (ft)	10 (ft)	2 (ft)	5 (ft)	1 (ft)	5 (ft)	10 (ft)	2 (ft)	5 (ft)
Sample Name		DGA-017-5-SG REP	DGA-017-10-SG	DGA-019-2-SG	DGA-019-5-SG	DGA-021-1-SG	DGA-021-5-SG	DGA-021-10-SG	DGA-022-2-SG	DGA-022-5-SG
Volatile Organic Compounds (µg/m^3)										
Trichloroethene	350	**890**	**1400**	**2600**	**550**	**770**	**600**	**5000**	**860**	**440**
Trichlorofluoromethane (CFC-11)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Trifluorotrichloroethane (Freon 113)	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl chloride	-	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes and Abbreviations:

1. Results in **bold** are detected.
2. <: Result is not detected above the indicated reporting limit.
3. Detected results were screened agaist Health-Based Remediation Goals (HBRGs; Haley & Aldrich, 2021b).
   Results detected above the HBRGs are shaded in gray.

µg/m^3 = micrograms per cubic meter

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Roberto.Valenzuela@collins.com www.collinsaerospace.com

Roberto Valenzuela
Executive Director, Chula Vista Operations

December 20, 2022

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

Attention: Mr. Tom Alo

Subject: Demolition and Soil Environmental Management Plan
Rohr, Inc. – North Campus, Parcel B
850 Lagoon Drive
Chula Vista, California
SDRWQCB Reference: T0000001489:talo

Dear Mr. Alo:

Please find enclosed for your review, a copy of the subject document dated December 20, 2022 that was prepared by Haley & Aldrich, Inc. for PW Wohl G Street LLC, the owner of Parcel B that is part of the larger Rohr, Inc., a Collins Aerospace Company (Rohr) site. This document is being submitted to meet the requirements for site demolition by the San Diego Regional Water Quality Control Board.

“I certify under penalty of law this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

If you have any questions, please contact Tyler Adkins at (619) 691-2020.

Best Regards,

DocuSigned by:
Roberto Valenzuela
A7921F6A0E624CF...

Roberto Valenzuela
Executive Director, Chula Vista Operations

HALEY ALDRICH

www.haleyaldrich.com

DEMOLITION AND SOIL ENVIRONMENTAL MANAGEMENT PLAN
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS – PARCEL A
850 LAGOON DRIVE
CHULA VISTA, CALIFORNIA

by
Haley & Aldrich, Inc.
San Diego, California

for
PSIP Wohl Bay Boulevard LLC
San Diego, California

File No. 0206064-000
December 2022

HALEY & ALDRICH, INC.
5333 Mission Center Road
Suite 300
San Diego, CA 92108
619.280.9210

December 20, 2022
File No. 0206064-000

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

Attention: Mr. Tom Alo

Subject: Demolition and Soil Environmental Management Plan
Rohr, Inc., a Collins Aerospace Company
North Campus - Parcel A
Chula Vista, California
GeoTracker Global ID T10000011095

Dear Mr. Alo:

Haley & Aldrich, Inc., is pleased to provide this Demolition and Soil Environmental Management Plan (DEMP) for the former Rohr, Inc. a Collins Aerospace Company (Rohr) Parcel A on behalf of the property owner, PSIP Wohl Bay Boulevard LLC, and Rohr. The DEMP will be implemented during the demolition of the northern 24,000 square feet of Building 29 where soil containing trichloroethene will be excavated and disposed at a permitted facility. It is anticipated that the DEMP will be implemented early next year. If you have any questions or comments on the DEMP, please contact us.

Sincerely yours,
HALEY & ALDRICH, INC.

Robert K. Scott P.G., C.Hg, QISP
Senior Associate Hydrogeologist

Mehdi Miremadi
Principal

Enclosures

c: Mr. Emil Wohl, PSIP Wohl G Street LLC
Mr. Gino Bianchi Mosquera, GSI Environmental Inc.
Mr. John Baron, Raytheon Technologies Corporation
Mr. Tyler Adkins, Rohr, Inc. a Collins Aerospace Company
Mr. Jerome Zimmerle, AECOM

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HALEY & ALDRICH, INC.
5333 MISSION CENTER ROAD
SUITE 300
SAN DIEGO, CA 92108
619.280.9210

SIGNATURE PAGE FOR

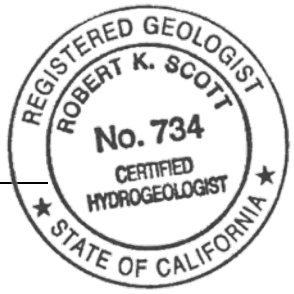
REPORT ON

DEMOLITION AND SOIL ENVIRONMENTAL MANAGEMENT PLAN
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS – PARCEL A
850 LAGOON DRIVE
CHULA VISTA, CALIFORNIA

PREPARED FOR

PSIP WOHL BAY BOULEVARD LLC
SAN DIEGO, CALIFORNIA

PREPARED BY:



Robert K. Scott, P.G. C.Hg., QISP
Senior Associate Hydrogeologist
Haley & Aldrich, Inc.

REVIEWED AND APPROVED BY:

Mehdi Miremadi
Principal
Haley & Aldrich, Inc.

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List of Abbreviations

Abbreviation	Definition
µg/kg	micrograms per kilogram
µg/m^3	micrograms per cubic meter
APCD	San Diego Air Pollution Control District
bgs	below ground surface
BMPs	best management practices
BMP Design Manual	City of Chula Vista Best Management Plan Design Manual
CAO	Cleanup and Abatement Order
CARB	California Air Resources Board
cis-1,2-DCE	cis-1*,2*-dichloroethene
COPCs	chemicals of potential concern
CSWPCP	Construction Storm Water Pollution Control Plan
DEHQ	San Diego Department of Environmental Health and Quality
DEMP	Demolition and Soil Environmental Management Plan
DTSC	California Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
GPL	groundwater protection levels
GSI	GSI Environmental Inc
Haley & Aldrich	Haley & Aldrich, Inc
HASP	Health and Safety Plan
HHRA	human health risk assessment
NECs	new environmental condition
OCPs	organochlorine pesticides
PCBs	polychlorinated biphenyls
PCE	tetrachloroethylene
PID	photoionization detector
ppmv	parts per million by volume
Project	new loading dock construction project
PSIP Wohl	PSIP Bay Boulevard LLC
QA/QC	quality assurance/quality control

Abbreviation	Definition
RBMG	risk-based remediation goal
RCRA	Resource Conservation and Recovery Act
RMP	Risk Management Plan
Rohr	Rohr, Inc., a Collins Aersospace Company
SAM	Site Assessment and Mitigation
SDRWQCB	San Diego Regional Water Quality Control Board
Site	the former Rohr, Inc., a Collins Aersospace Company, North Campus facility located at 850 Lagoon Drive in Chula Vista, California
SSDS	sub-slab depressurization system
SVOCs	semi-volatile organic compounds
TCE	trichloroethene
TLCP	toxicity characteristic leaching procedure
VOCs	volatile organic compounds
WDR	waste discharge requirements

1. Introduction

Haley & Aldrich, Inc., prepared this Demolition and Environmental Management Plan (DEMP) on behalf of PSIP Bay Boulevard LLC (PSIP Wohl) for activities to be conducted on the former industrial property known as Parcel A, a portion of the former Rohr, Inc., a Collins Aersospace Company, (Rohr) North Campus facility located at 850 Lagoon Drive in Chula Vista, California ([the Site]; Figure 1). PSIP Wohl purchased Parcel A from Rohr in September 2020.

Parcel A includes the properties occupied by Buildings 29, 99, and 100 and the vacant properties located at 360, 364, and 368 Bay Boulevard (Figure 2). Rohr sold these properties to PSIP Wohl, who is redeveloping the properties for commercial/industrial use. PSIP Wohl will be constructing a new loading dock in the area currently occupied by the northern 24,000 square feet of Building 29. Construction will involve the removal of soil in this area to approximately 5 feet below ground surface (bgs). This DEMP is specific to this Project. It provides guidelines and procedures that the contractor shall follow for managing concrete, asphalt pavement, and soil generated during the Project. It also describes procedures for addressing new environmental conditions (NECs) that may be identified following demolition and impacted soil management during construction.

PSIP Wohl has also made improvements to the building that have included installing a new heating, ventilation, and air conditioning system and sealing and polishing the concrete floor. PSIP Wohl is required through the Purchase and Sale Agreement with Rohr to install a sub-slab depressurization system (SSDS) to address volatile organic compounds (VOCs) in soil gas that are present beneath the slab in Building 29. A separate Work Plan will be submitted that will describe the design, installation, and monitoring of the SSDS to address soil gas beneath the building slab. The SSDS will be installed during building renovation and prior to a tenant occupying the building.

A Risk Management Plan (RMP) will also be prepared and implemented to address potential future vapor intrusion risk to building occupants. The RMP will include:

- An SSDS post-installation monitoring and performance plan to evaluate the effectiveness of the SSDS in mitigating potential vapor intrusion. Indoor air sampling which is a requirement of the CAO will be included. The plan will be implemented before a tenant occupies the building.
- Restrictions on changes to the existing building slab;
- A Contingency Plan;
- A schedule for performing post-installation sub-slab and indoor air sampling and preparing SSDS performance monitoring reports, and a Post-Mitigation Completion Report; and
- The preparation and filing of a deed restriction containing restrictions on use and occupancy of Parcel A (the Grant Deed in favor of PSIP Wohl recorded in September 2020 contains such restrictions and satisfies such deed restriction requirement).

In addition to these documents, there are others that will be prepared for Parcel A specific to Cleanup and Abatement Order No. R9-2021-0042 (CAO). These include:

- Site Soil Cleanup Levels Report (Directive C.4.a), and
- Site Soil and Soil Gas Remedial Alternatives Report (Directive C.4.b)/Remedial Action Plan (RAP) (Directive C.5.a)

These documents will be submitted in accordance with the schedule specified in the CAO. It should be noted that the documents required by Directives C.4.b and C.5.a will be combined. Raytheon Technologies Corporation (Rohr's parent company) made this request in accordance with Provision L.1 of the CAO in a letter to the SDRWQCB dated August 25, 2021. The SDRWQCB granted this request.

This DEMP summarizes Site environmental conditions relevant to the contractor's health and safety planning, and describes guidelines and procedures to manage concrete, asphalt pavement, and soil within the construction Project footprint. Soil that will be excavated will be stockpiled and profiled for disposal. Confirmation sampling to document concentrations of chemicals of concern remaining in place will be conducted once the excavation of the Project footprint is complete. No groundwater is expected during construction since it is present at depths greater than 10 feet bgs. The DEMP also describes screening procedures during demolition to identify potential NECs and unknown subsurface features that have the potential to impact environmental conditions at the Site. It also describes how NECs and unknown subsurface features will be addressed during DEMP implementation. The DEMP does not address the removal of asbestos-containing materials, lead-based paint, and universal waste. These activities will be completed prior to initiating the demolition in accordance with federal, state, and local regulatory guidelines and permits.

1.1 DEMP APPLICABILITY

The DEMP was prepared to address activities that will occur during the demolition of existing structures, paving, select Site infrastructure, and soil removal activities that will occur within the Project. Demolition activities within the Project footprint will include removing:

- Existing aboveground Site structures and concrete and asphalt surface pavements;
- Certain subsurface utilities, depending on their potential for future use and burial depth; and .
- Soil up to an approximate depth of 5 feet bgs.

The soil containing trichloroethene (TCE) and other VOCs within the Project footprint will be segregated and profiled for disposal at a permitted facility.

The DEMP will be made available to all contractors involved in the above-mentioned activities by PSIP Wohl. All provisions of the DEMP, including, but not limited to, soil management, stormwater runoff controls, and management of unanticipated conditions will be followed as applicable.

1.2 DEMP OBJECTIVES

The objectives of the DEMP are to present Project guidelines and procedures for:

- Segregating, sampling, and evaluating on-Site reuse and off-Site disposal options for materials generated during demolition;
- Identifying, assessing, and remediating NECs during demolition activities, if necessary;
- Segregating, sampling, and evaluating off-Site disposal options or on-Site reuse for excavated soil;
- Controlling and tracking movement and disposition of demolition materials and excavated soil; and
- Protecting existing monitoring wells (NCW-021A,and NCW-021B) during construction activities.

As applicable, the DEMP is consistent with elements of the DEMP recently submitted by GSI Environmental Inc. (GSI) to the San Diego Regional Water Quality Control Board (SDRWQCB) for Parcel B (GSI, 2022). The Parcel B DEMP was approved by the SDRWQCB in a letter dated November 3, 2022.

1.3 REGULATORY STATUS AND REQUIREMENTS

The SDRWQCB is the lead regulatory agency for the Site. Ongoing investigation and remediation are being conducted under the CAO issued to Rohr on July 12, 2021. The CAO supersedes CAO No. 98-08. The DEMP is not a specific requirement of the CAO; however, it was prepared to provide guidance to contractors engaged in subsurface work at the Site and procedures for identifying potential NECs during subsurface intrusive activities.

1.3.1 Agency Notification of Demolition and Soil Removal Activities

The following notification requirements related to the activities under this DEMP are specified in the CAO:

- Demolition (Directive E) – the SDRWQCB shall be notified in writing no later than 90 calendar days prior to the start of demolition. Additionally, the SDRWQCB shall be notified in writing of the completion of demolition activities no later than 14 calendar days following completion.

Rohr provided the SDRWQCB a letter on April 22, 2022 notifying it of PSIP Wohl's demolition schedule to comply with the CAO. The schedule has been delayed, and PSIP Wohl has kept the SDRWQCB informed of these schedule changes during monthly project status calls. PSIP Wohl indicated during our monthly update call with the SDRWQCB on October 13, 2022, that demolition will tentatively begin in January 2023.

2. Site Background

This section summarizes background information for the Site, including pertinent Site history, location and layout, and a summary of known environmental conditions.

2.1 SITE DESCRIPTION

Parcel A consists of two areas that have been part of Rohr's manufacturing facility. Buildings 99 and 100 and the vacant properties are located north of G Street and Building 29 is located south of G Street. Industrial activities and historical chemical use on Parcel A were more limited compared to the main manufacturing portions of the facility located on Parcel B and the former South Campus. This section describes the history of the Building 29 Area, since the DEMP applies to this portion of Parcel A. . Site historical environmental features associated with Building 29 are shown on Figure 2.

Building 29 was constructed in phases beginning in about 1957 through 1962. This portion of Parcel A was owned by others and used for other purposes prior to Rohr's ownership (Adrian Brown, 1998; Woodward-Clyde Consultants, 1998; URS Corporation, 2013; Haley & Aldrich, 2016, 2018, 2020, 2021, 2022b). These other historical uses included agriculture, residential and a possible lumber yard. The agricultural use of the northern portion of Parcel A occupied by Building 29 appears to have taken place through the 1940s.

Building 29 was primarily used for tooling, machining, and office space for most of its history. At one time, the northernmost portion served as the Maintenance Department for the facility. Most recently, the building housed laboratories, kitting, an After-Market Spares Warehouse, Service Center, and FAI repairs, storage, tool calibration, product development, and office space.

2.2 SITE GEOLOGY AND HYDROGEOLOGY

The information regarding Site geology is excerpted from the Revised Conceptual Site Model for Parcel A prepared by Haley & Aldrich dated April 30, 2021 (Haley & Aldrich, 2021a).

Parcel A is situated at elevations ranging from approximately 13 feet above mean seal level (MSL) on the south and 28 feet above MSL on the north. Parcel A is underlain, in descending order, by limited fill material, the Bay Point Formation, a clay aquitard, and the San Diego Formation. Because Parcel A is more than 1,000 feet upland of the former shoreline, there are no bay deposits or extensive fill present on this portion of the North Campus facility. It is underlain by localized fill material and the Bay Point Formation.

The Bay Point Formation can also be referred to as Quaternary alluvium, as suggested by Wes Danskin, formerly with the United States Geological Survey (W. Danskin, personal communication). The thickness of the Quaternary sediment can be highly variable in the San Diego embayment, ranging from approximately 200 feet to possibly as much as 700 feet. The Bay Point is Pleistocene in age and was deposited in nearshore marine and onshore fluvial depositional environments.

The Bay Point Formation consists of an interbedded sequence of clay, silt, and silty sand to the total depth explored (approximately 30 feet). The strata are predominantly composed of reddish brown to yellowish brown clay and silt with some thin, discontinuous lenses of silty sand. The water table is present in the sandy lenses at depths greater than 10 feet bgs. A new well cluster (NCW-021A and -

021B) was installed on Parcel A immediately west of the portion of Building 29 as part of Haley & Aldrich's data gap investigation conducted in March 2022 (Figure 2, Haley & Aldrich, 2022b). NCW-021A is screened in Zone A from 10 to 20 feet bgs. NCW-021B is screened in Upper Zone B between 41 and 51 feet bgs).

2.3 SITE ENVIRONMENTAL CONDITIONS

2.3.1 Previous Investigations

Environmental investigations to evaluate chemical impacts to soil, soil gas, and groundwater as well as indoor air screening (Building 29) have been conducted at the Site and were described in the Revised Conceptual Site Model ([CSM]; Haley & Aldrich, 2021a) and the Updated Sitewide CSM (Haley & Aldrich, 2022a). Figure 3 is a sample location map for Building 29, and chemical impacts are described below. Details regarding investigation results are presented in the referenced reports.

Site assessment activities on Parcel A have been conducted since the 1990s (Adrian Brown, 1998, Haley & Aldrich, 2016). Haley & Aldrich conducted site investigations for soil, soil gas and groundwater in advance of the property sale (Haley & Aldrich, 2018, 2020). GSI conducted a Phase II screening investigation on Parcel A (excluding 360, 364, and 368 Bay Boulevard) in August 2020 on behalf of PSIP Wohl (GSI, 2020). A data gap investigation work plan was submitted to the SDRWQCB on November 5, 2021, to comply with Directive C.2.a of the CAO (Haley & Aldrich, 2021c). The SDRWQCB requested revisions, and a Revised Work Plan was approved by the SDRWQCB and resubmitted on January 22, 2022. The data gap investigation was conducted in March 2022. A report was submitted to the SDRWQCB on June 10, 2022 (Haley & Aldrich, 2022b). The SDRWQCB indicated in its letter dated November 3, 2022, that it had no further comments on the data gap investigation.

The results of the site investigations identified the following chemicals of potential concern (COPCs) in soil within the Project footprint: VOCs, Total Petroleum Hydrocarbons (TPH), semi-volatile organic compounds (SVOCs), PCBs and the organochlorine pesticide, DDT. Metals concentrations within the Project footprint fall within background ranges. Of the VOCs, trichloroethene (TCE) and tetrachloroethene (PCE) were the primary VOCs detected in soil in Project footprint and vicinity. The maximum concentrations of TCE and PCE were reported in boring B29-23 (37,800 µg/kg) and B29-28 (1,260 µg/kg), respectively. The maximum PCB (Aroclor 1260) concentration reported for soil in the Project footprint was 1,300 µg/kg in boring B29-05 (sample ID B29-05-2). This sample was also reported to contain low concentrations of TPH (in the oil carbon range [C32-C44]; 185 mg/kg), certain SVOCs (maximum concentration was for fluoranthene, 0.21 mg/kg) and DDT (0.021 mg/kg).

The maximum VOC soil gas concentrations reported within the vicinity of the Project footprint were:

- Chloroform: 39,000 µg/m^3;
- PCE: 11,000 µg/m^3; and
- TCE: 3,000,000 µg/m^3.

2.3.2 Human Health Risk Assessment

Haley & Aldrich submitted a baseline human health risk assessment (HHRA) to the SDRWQCB in 2021 in advance of the property sale (Haley & Aldrich, 2021b). The HHRA was updated following the data gap investigation earlier this year and submitted to the SDRWQCB on July 8, 2022 (Haley & Aldrich, 2022c).

The Office of Environmental Health and Hazard Assessment reviewed the Update to the HHRA and concurred with Haley & Aldrich's risk estimates and conclusions in a letter dated September 1, 2022.

A health-based remediation goal (HBRG) was derived for TCE in soil to reduce estimated human health risks for the on-Site construction worker during DEMP activities. The HBRG for TCE is 1,500 micrograms per kilogram (µg/kg). Figure 4 shows the locations where soil exceeds the TCE groundwater protection level (GPL) and HBRG. Soil was reported to contain TCE concentrations above its HBRG within the Project footprint in boring B29-23 at 1 foot bgs (37,800 micrograms per kilogram [µg/kg]) and boring B29-24 at 1 foot bgs (7,830 µg/kg). The TCE soil concentration in boring B29-23 is also greater than the GPL of 27,000 µg/kg.

Soil gas HBRGs were also derived for bromodichloromethane, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene (PCE), and TCE to reduce estimated health risks for the on-Site commercial/industrial worker for inhalation exposure to indoor air. The soil gas HBRGs for bromodichloromethane, chloroform, cis-1,2-DCE, PCE, and TCE are 70, 80, 100, 370, and 350 micrograms per cubic meter (µg/m^3), respectively.

The soil gas locations that exceed one or more of the HBRGs are shown on Figure 5. There were 12 soil gas probe locations in the vicinity of the Project footprint where soil gas exceeds one or more of the HBRGs as indicated below:

- PW-02
- B29-V03
- PW-03
- B29-V04
- PW-06
- PW-04
- PW-05
- B29-V07
- PW-07
- B29-V08
- DGA-021
- DGA-022

Groundwater is present beneath the Site at depths greater than 10 feet bgs and will not be encountered during construction activities. A composite TCE groundwater contour map is provided on Figure 6. The TCE groundwater plume is located beneath that portion of Building 29 that includes the Project footprint. The soil gas results for 10-foot probes sampled in the northern and southern portions of Building 29 suggest that groundwater VOCs are contributing to potential vapor intrusion risks for future building occupants. The SSDS installed by PSIP Wohl will address the potential future vapor intrusion risk to building occupants that may result from VOC off-gassing from groundwater.

3. Roles and Responsibilities

The table below presents the entities responsible for implementation of this DEMP, followed by a description of their general roles and responsibilities of each party.

Role	Entity	Contact Information
PSIP Wohl	PSIP Wohl	Emil Wohl emil@wohlproperty.com (619) 296-4113
Environmental Regulator	SDRWQCB	Tom Alo tom.Alo@waterboards.ca.gov (619) 521-3375
General Contractor	Dempsey Construction	Chad Layne clayne@dempseyconstruction.com (760) 918-6900 ext. 126
Environmental Consultant on behalf of PSIP Wohl	GSI	Gino Bianchi Mosquera gbianchi@gsienv.com (949) 242-8288
Rohr	Rohr	John Baron john.baron@rtx.com (207) 865-1022 Tyler Adkins tyler.adkins@collins.com (619) 691-2020
Environmental Consultant on behalf of Rohr and PSIP Wohl	Haley & Aldrich (program manager)	Bob Scott bscott@haleyaldrich.com (619) 888-0668
Environmental Consultant on behalf of Rohr	AECOM (groundwater)	Jerry Zimmerle jerome.zimmerle@aecom.com (714) 567-2758

3.1 PSIP WOHL

PSIP Wohl is responsible for the overall implementation of the DEMP, with responsibilities that include:

- Classifying materials for off-Site disposal or on-Site reuse that are generated during the demolition activities (e.g., subsurface pipelines);
- Approving the facility at which demolition waste will be disposed or recycled and signing associated manifests;
- Coordinating the signing of manifests with Rohr for any soil that is characterized as hazardous, including soil produced from both the demolition and DEMP activities;
- Preparing and implementing a Construction Storm Water Pollution Control Plan in accordance with City of Chula Vista Best Management Plan Design Manual (BMP Design Manual) to comply

with its Ordinance and the SDRWQCB's regional MS4 Permit since the Project area to be disturbed is less than 1 acre; and,

- Coordinating the protection and temporary cessation of groundwater monitoring related to cluster well NCW-021 and notification of the SDRWQCB of such activities.

3.2 ENVIRONMENTAL REGULATOR

As described in Section 1.3, the SDRWQCB has oversight responsibility under the CAO for the environmental activities at the Site presented in this DEMP.[1] In its role, the SDRWQCB will approve on-Site reuse of materials, if any is proposed, based on chemical data that indicates its reuse is consistent with approved Site-specific HBRGs and GPLs, and potential temporary cessation of groundwater monitoring as necessary to accommodate the demolition activities. If additional subsurface impacts are revealed during demolition activities, these additional impacts will be addressed by implementing the procedures described in this DEMP.

3.3 GENERAL CONTRACTOR

The General Contractor retained by PSIP Wohl has the overall responsibility for implementing this DEMP during demolition. In general, the General Contractor will be responsible for:

- Providing a copy of this DEMP to each contractor engaged in demolition of on-Site structures, surface pavements, select subsurface activities, and soil excavation activities, and confirming that each contractor has prepared a Health and Safety Plan (HASP) that is appropriate for the work it performs;
- Removing aboveground structures, surface pavements, and other subsurface features within the footprint and depth required to construct the new loading dock (approximately 5 feet bgs);
- Observing and mitigating fugitive dust during demolition activities, as needed, to comply with regulatory requirements;
- Handling and tracking the movement of building demolition materials, removed surface pavements, subsurface utilities, and soil as described in this DEMP;
- Handling and disposing of excess concrete, other demolition materials, and soil generated during demolition and soil excavation for the construction project;
- Implementing stormwater best management practices (BMPs), as required by the City Ordinance and the Regional MS4 Permit (Section 5.1);
- Protecting monitoring well cluster NCW-021 (Section 5.2); and
- Identifying import soil sources, if needed.

[1] Note that demolition and Site grading activities also require permitting and oversight from municipal and county agencies (City of Chula Vista and San Diego County, respectively). These requirements are beyond the scope of this DEMP.

3.4 ENVIRONMENTAL CONSULTANT (ON BEHALF OF PSIP WOHL)

The PSIP Wohl Environmental Consultant (Haley & Aldrich) will be responsible for:

- Observing soil beneath removed pavement surfaces and at subsurface utilities as described in this DEMP to identify potential NECs, and sampling soil for chemical testing, as needed, to evaluate additional areas of impacted soil for removal during DEMP implementation;
- Characterizing soil excavated for off-Site disposal and excess soil that may be generated during demolition activities for on-Site reuse or off-Site disposal;
- Overseeing DEMP implementation and conducting soil confirmation sampling to verify the completeness of soil removal activities;
- Observing the presence of fugitive dust during DEMP implementation and recommending additional dust control measures, as needed;
- Evaluating proposed import soil relative to approved screening criteria for Site placement; and,
- Documenting and reporting DEMP activities, including daily recording of field observations, soil screening results, sample collection (media type and location), and concrete and stockpile segregation and management.

3.5 ROHR

As the former operator of the Site and responsible party under the CAO, Rohr will coordinate with PSIP Wohl and its General Contractor to facilitate off-Site disposal of soil characterized as hazardous by providing its U.S. Environmental Protection Agency (EPA) ID number and signing manifests for hazardous soils removed from the Site and non-hazardous soil that contains chemical constituents above the Site HBRGs and GPLs for which it is deemed responsible. Additionally, as owner of the on-Site monitoring wells, Rohr will collaborate with PSIP Wohl should groundwater monitoring of well cluster NCW-021 need to cease temporarily during the construction project.

3.6 ENVIRONMENTAL CONSULTANTS (ON BEHALF OF ROHR)

Haley & Aldrich and AECOM will assist Rohr with its responsibilities listed above.

4. Health and Safety During Construction

As described in Section 2.3, soil, soil gas, and groundwater at the Site are chemically impacted. Each contractor and consultant engaged with field work is required to prepare and implement its own HASP relative to the work that is being conducted prior to DEMP field work.

The contractors will follow all applicable federal, state, and local regulations and codes relating to health and safety. The contractors will follow all sections of California Occupational Safety and Health Administration regulations contained in Title 8 of the California Code of Regulations (8 CCR) as they apply to the Site activities. Those contractors who will come in contact with soil or materials exposed to chemicals are required to be 40-hour hazardous waste operations and emergency response (HAZWOPER) trained, with a current 8-hour refresher course completed within the last 12 months prior to commencing work.

Site visitors who may not have the training described above will be escorted on the Site during active field work and will not be allowed access within identified exclusion zones.

4.1 SITE ACCESS

As with any site where construction activities occur, access to the Site should be limited only to those involved in conducting project activities. Access to areas where work is occurring, including where soil is stockpiled, should be limited via a fence, k-rail, or other appropriate means. Identified exclusion zones will be clearly marked with signage.

4.2 FUGITIVE DUST OBSERVATIONS DURING DEMOLITION ACTIVITIES

As per the San Diego Air Pollution Control District (APCD) Rule 55 titled, “Fugitive Dust Control,” no construction or demolition activity shall discharge visible dust emissions beyond the property line for a period or periods aggregating more than 3 minutes in any 60-minute period. Perimeter air monitoring will not be necessary during Project activities because there are no nearby sensitive receptors and the adjacent properties to the north and west are unoccupied. The nearest occupied residential property is east of the I-5 Freeway approximately 500 feet (1/4 mile) from the Project footprint.

Standard dust control procedures (e.g., wetting) will be adequate to mitigate dust that may be emitted to ambient air during DEMP activities. The PSIP Wohl Environmental Consultant will observe for the presence of visible dust during DEMP activities by periodic observations around the Site perimeter and specifically near and downwind of the work area(s). If visible dust is observed by the PSIP Wohl Environmental Consultant, additional dust suppression efforts will be requested and employed by the General Contractor.

5. Pre-Field Preparation

Prior to the start of activities under this DEMP, the following items will be addressed.

5.1 CONSTRUCTION STORMWATER POLLUTION CONTROL PLAN

The disturbed area of the Project will be less than one acre and as such the Project will not be subject to the National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Construction Activity (2009-0009-DWQ, Construction General Permit). PSIP Wohl or its designee will prepare a Construction Storm Water Pollution Control Plan (CSWPCP) that addresses requirements appearing in the City's Ordinance and BMP Design Manual, and regional MS4 permit. The General Contractor will implement BMPs as specified in the CSWPCP during DEMP implementation.

5.2 GROUNDWATER MONITORING WELL PROTECTION

As described above and shown on Figure 2, one groundwater monitoring well cluster (NCW-021), located immediately west of the Project, is used for ongoing monitoring and evaluating chemical impacts to groundwater. Prior to demolition, PSIP Wohl's and Rohr's environmental consultant, Haley & Aldrich, will conduct a Site walk with the General Contractor to identify the location of the well cluster. If necessary to facilitate the DEMP activities, PSIP Wohl and Rohr will coordinate with Haley & Aldrich to reset the well head at a depth 2 to 3 feet bgs until the cessation of activities and rebuild the well to grade following completion. Well head restoration will be conducted in accordance with the County of San Diego Department of Environmental Health and Quality (DEHQ) requirements, as set forth in the DEHQ's Site Assessment and Mitigation (SAM) Manual.[2]

The well cluster will be marked in such a way that it is clearly visible to all workers to prevent accidental damage. K-rails or other methodologies will be employed to provide clear demarcation of the well cluster location to protect it during DEMP activities.

The PSIP Wohl Environmental Consultant will immediately notify Rohr and the SDRWQCB if the monitoring well cluster is damaged during DEMP activities. PSIP Wohl will be responsible for repairing or replacing the damaged well. Should it be necessary to replace the well, it shall first be destroyed and then replaced in kind in accordance with State well regulations and DEHQ requirements, including obtaining appropriate destruction and installation permits, as set forth in DEHQ's SAM Manual.

5.3 CONDITIONAL WAIVER OF WASTE DISCHARGE REQUIREMENTS

The California Water Code, Section 13260, requires that a Report of Waste Discharge be filed prior to discharging waste[3] that could affect the quality of the waters of the state for issuance of waste discharge requirements (WDRs) by the appropriate Regional Water Board. Under the California Water Code, the SDRWQCB has the authority to issue WDR waivers for discharges considered to be low threat.

[2] https://www.sandiegocounty.gov/content/sdc/deh/lwqd/sam_manual.html

[3] "Waste," as defined in Section 13050(d) of the California Water Code includes "sewage and any and all other waste substances, liquid, solid, gaseous, or radioactive, associated with human habitation, or of human or animal origin, or from any producing, manufacturing, or processing operation, including waste placed within containers of whatever nature prior to, and for purposes of, disposal."

As described in Section 8.2, soil generated during demolition may be reused on Site pending chemical testing.

It is intended that soil generated when implementing the DEMP will be appropriately disposed at an off-Site facility. Because some soil at the Site is known to be contaminated, activities including temporary stockpiling during the DEMP and potential soil reuse require that a Notice of Intent be filed with the SDRWQCB under Conditional Waiver No. 9 - Discharges/Disposal to Land of Solid Wastes within 30 days of initial waste discharge to temporary stockpiles or intended soil reuse, and enrollment in the WDR waiver program be acknowledged by the SDRWQCB. Following completion of soil removal activities, the applicable project termination certifications will be filed with the SDRWQCB.

6. Environmental Monitoring and Material Management During Demolition

This section describes monitoring, material segregation, and sampling procedures that will be implemented during demolition activities associated with the Project.

6.1 MONITORING AND SAMPLING FOR SUBSURFACE CHEMICAL IMPACTS

Investigations at the Site have identified chemical impacts to soil, and an additional data gap investigation was completed earlier this year.[4] However, it is possible that additional subsurface impacts (NECs) may be observed following the removal of Site pavements, slabs and select utilities. The areas over which pavement, slabs, and utilities will be removed are shown in the civil demolition drawings included in Appendix A.

The PSIP Wohl Environmental Consultant will be on Site daily throughout the removal of subsurface structures, surface pavement, and subsurface utilities to monitor exposed soils for potential chemical impacts via observation (e.g., odor and discoloration) and field screening (e.g., photoionization detector [PID]) methodologies.[5]

Potential chemical impacts could be indicated by the following:

- PID measurements greater than 10 parts per million by volume (ppmv);
- Discolored soils;
- Olfactory observation;
- Wet or saturated soils; and
- The presence of other previously unknown subsurface features such as “wet” utilities, sumps, underground storage tanks, or other features indicative of past chemical use.

Field monitoring will be conducted continually during the surface and subsurface demolition activities. The General Contractor will provide access to the PSIP Wohl Environmental Consultant in the areas where the demolition is occurring, and will, as needed, temporarily halt demolition to facilitate observation.

Should a potential NEC be identified, its location will be referenced by way of a hand-held global positioning system equipment. As necessary, the PSIP Environmental Consultant will require the potential NEC to be cordoned off with cones, barricades, caution tape or other measures to minimize disturbance from demolition activities and access to demolition personnel. A soil sample will be collected approximately 3 to 6 inches below the observed impact for headspace analysis, as described in Section 6.1.1, and an additional sample will be collected for chemical testing. Since VOCs, namely TCE, are the chemicals that are present in soil at concentrations above its HBRG or GPL, testing will be conducted for VOCs using EPA Methods 5035/8260B. PCBs have been reported within the Project

[4] A Data Gap Investigation Work Plan was submitted by Haley & Aldrich to the SDRWQCB on January 21, 2022, in response to its letter dated January 7, 2022, which stated that it had no comments on our responses to its November 21, 2022, comments on the work plan. A Data Gap Investigation Report was submitted to the SDRWQCB on June 13, 2022. The SDRWQCB, responded in a letter dated November 3, 2022, that it had no further comments on the report.

[5] Observations during vertical demolition, including monitoring and segregating items such as asbestos-containing materials and universal waste, are outside the scope of this DEMP.

footprint at one location (boring B29-05) at a concentration above 1 milligram per kilogram and samples will therefore be analyzed for PCBs using EPA Method 8082.

If the location is a NEC, the process will follow the flow chart that is presented as Figure B-1 in Appendix B. Daily field reports will include the location of potential impacts, field screening results, and documentation of soil sampling, if any and requested analytes.

6.1.1 Headspace Screening Procedure

The following procedure appears in the Parcel B DEMP (GSI, 2022), and is applicable to the Project. Soil grab samples for headspace screening will be collected from at a depth of approximately 6 inches bgs to be representative of in-situ VOC conditions. Approximately 6 ounces of soil will be sealed inside a 1-pint sealable plastic bag or 1-pint glass jar and disaggregated to promote VOC volatilization, if any, into the head space. After allowing 2 minutes for VOCs to volatilize and equilibrate, the PID probe will be inserted into the headspace and the peak and steady PID reading recorded. To minimize variability, the PIDs will be calibrated daily per the manufacturer's specifications.

A headspace PID reading exceeding 10 ppmv above background will be considered indicative of a potential VOC impact to soil, and a soil sample will be collected for laboratory chemical testing to further evaluate the potential impact.

6.2 JOINT COMPOUND MANAGEMENT

Chemical testing of flexible compounds (joint compound) that existed between former building slabs and pavement at some locations on Rohr's South Campus property indicated the presence of various metals and PCBs within the material (Haley & Aldrich, 2013). The concrete slab in most of the Project footprint in Building 29 is not original. The slab was removed in approximately 2000 to install the below grade infrastructure for the test labs that occupied this area.

On October 21, 2022, Haley & Aldrich observed the concrete slab in the Project footprint where the new loading dock will be constructed. Based on Haley & Aldrich's observations, no joint compound was identified between the joints in the floor slab within the Project footprint. It is anticipated that there will be no joint compound that will require managing during construction of the new loading dock.

6.3 CONCRETE MANAGEMENT

It is planned that demolished concrete will be transported off Site for recycling or disposal and chemical testing will be conducted by PSIP Wohl's Environmental Consultant according to the requirements of the receiving facility. The General Contractor will coordinate the chemical testing frequency, sample type (discrete or composite), and analytical parameters with the receiving facility.

Concrete stockpiles will be managed using BMPs as described in the CSWPCP. Copies of laboratory data reports, waste manifests, or other transportation documentation will be retained by the General Contractor and/or PSIP Wohl's Environmental Consultant for inclusion in a Demolition Completion Report that documents the disposition of concrete.

6.4 ASPHALT PAVEMENT

Asphalt pavement is primarily located within designated parking areas of the Site and within internal Site roadways. Asphalt removed during demolition will be transported to an asphalt recycling facility. The receiving facility and its requirements will be documented and analytical testing results, if any testing is required, will be documented in a DEMP Completion Report.

7. Soil Excavation and Confirmation Sampling Procedures

7.1 SOIL EXCAVATION PROCEDURES

The General Contractor will excavate soil in the Project footprint using a backhoe or similar excavation equipment. Following the surface sampling associated with the possible NECs, the General Contractor will excavate VOC-containing soil around known impacts first. This will include the two locations where soil TCE concentrations exceed the HBRG and/or GPL (borings B29-23 and B29-24). The soil will be excavated based on field observations and ppbRAE measurements as described in Section 6.1.1. The soil at each location will be excavated 10 feet radially in each direction, as feasible. The extent will be restricted by the wall of the vault that is present in this area. Soil will be monitored as described in Section 6.1.1 above and stockpiled separately at the designated location as described in Section 8.1. Soil will be excavated initially to a depth of approximately 3 feet. Further excavation will be conducted as required, based on PID readings. NECs will also be addressed in this manner. Once excavation is completed at the TCE HBRG exceedance locations and NECs, soil confirmation samples will be collected from the sidewalls and bottom of the excavation to confirm that soil exceeding the TCE HBRG, and GPL has been removed. Soil excavation will then proceed to complete the entire Project footprint.

7.2 SOIL CONFIRMATION SAMPLING PROCEDURES

One sample will be collected for at least every 200 square feet of sidewall surface area for each excavation sidewall, and one sample for every 400 square feet of excavation bottom surface area. A minimum of one sample will be collected at mid depth from each sidewall in the initial and successive excavations (should the depth of the excavation need to be extended below 3 feet). This sampling procedure will also be used for NECs that may be identified and excavated once the concrete slab is removed.

Final confirmation sampling will be conducted from the sidewalls and floor once the excavation for the Project footprint is completed to document soil VOC and PCB concentrations remaining in place. We estimate that up to 8 samples will be collected from the floor, 4 samples each from the north and south sidewalls and two samples each from the east and west sidewalls. Approximately 20 samples will be collected and analyzed from the floor and sidewalls of the Project footprint. The samples will be analyzed for VOCs by EPA Methods 5035/8260 and polychlorinated biphenyls (PCBs) by EPA Method 8082.

Soil samples will be collected using Terracores™ and extracted in the field in accordance with EPA Method 5035. Samples for other analyses will be collected using a trowel or similar tool and placed in laboratory provided glass jars, placed in a cooler with ice, and transported under standard chain of custody to a laboratory. Sampling personnel will use disposable gloves during sampling and will change gloves between sampling locations. Sampling tools will be decontaminated before each sample is collected. Analytical results will be compared to the soil TCE HBRG and GPL to confirm that soil containing concentrations exceeding these criteria have been excavated.

Quality assurance/quality control procedures will be performed during each sampling event, including a review of the laboratory method blanks, sample holding times, and sample collection and preservation as described in Appendix C.

8. Soil Management Procedures

Soil management procedures to be followed during DEMP implementation are described in this section. A flow chart that generally illustrates the process described above is presented as Figure B-2 in Appendix B. Stockpiling and evaluating excavated soil for reuse or off-Site disposal and importing soil will be conducted as specified below to the extent practical.

8.1 STOCKPILE SAMPLING

Excavated soil may be either stockpiled and covered or placed in roll-off bins. Stockpile areas will be prepared with BMPs to minimize surface water run on and runoff, and to prevent transport of soil by surface water runoff. Stockpiles will be covered as necessary to prevent rainwater infiltration and control fugitive dust. The method of covering will be determined based on the anticipated time that the stockpiles will be in place, weather conditions, regulatory requirements, and other practical factors such as the size of the stockpiles. Soil excavated as part of the DEMP activities will also be placed on plastic sheeting with a minimum thickness of 10 mils to segregate it from the underlying ground surface.

In consultation with the PSIP Wohl Environmental Consultant, the General Contractor will segregate excavated soil into separate stockpiles based on field observations, PID readings, and soil analytical results. Each stockpile will be chemically tested to evaluate its disposition. Note that the disposition of stockpiled soil generated during DEMP activities will be evaluated based on chemical characterization, as described below.

Stockpiles generated during DEMP will be limited to less than 500 cubic yards. The purpose of limiting a stockpile size is to minimize the possibility of disposing of large volumes of materials as hazardous waste when only a smaller volume of soil contains chemicals above hazardous waste criteria.

8.2 ON SITE REUSE OF SOIL

PSIP Wohl does not plan soil reuse for this Project; however, in the instance that soil is reused on Site, the following procedures will be implemented. Soil removed during demolition activities may be reused on Site only if chemical testing does not indicate the presence of chemicals above Site cleanup goals. Only discrete soil samples will be used to assess the appropriateness of on-Site reuse. Analytical testing results for soil will be compared to Site-specific HBRGs approved by the SDRWQCB and GPLs.

Discrete soil samples will be collected by the PSIP Wohl Environmental Consultant at the frequency set forth in the DEHQ SAM Manual as follows:

- Stockpiles less than 10 cubic yards: a minimum of two discrete samples will be collected, one from a randomly selected location from each half of the stockpile;
- Stockpiles from 10 to 20 cubic yards: a minimum of three discrete samples will be collected, one from a randomly selected location from each third of the stockpile;
- Stockpiles from 20 to 100 cubic yards: a minimum of four discrete samples will be collected, one from a randomly selected location from each quarter of the stockpile;
- Stockpiles from 100 to 500 cubic yards: a minimum of one sample for each 25 cubic yards or portion will be collected (e.g., a 130-cubic-yard stockpile would require 6 samples). The

stockpile will be sectioned into 25-cubic-yard portions to obtain a minimum of one sample from a randomly selected location from each portion; and,

- For stockpiles over 500 cubic yards, the number of samples collected will be in accordance with SW-846 guidance, as ascertained by the PSIP Wohl Environmental Consultant (note that this DEMP recommends soil stockpiles be less than 500 cubic yards).

The analysis of discrete soil samples for reuse will include the following:

- VOCs using USEPA Methods 5035/8260B;
- PCBs using USEPA Method 8082; and
- Title 22 metals by USEPA Methods 6010/7471.

Data will be evaluated and reported to the SDRWQCB for its approval to reuse the soil on Site.

Soil designated for reuse will also meet the project specifications that may be related, but not limited, to physical properties and landscaping considerations.

8.3 OFF-SITE SOIL DISPOSAL

Soil excavated during DEMP implementation will be disposed of off Site at a permitted facility. The soil will be profiled through analytical testing. It is anticipated that analytical tests for soil samples will include

- VOCs by USEPA 8260;
- PCBs by USEPA Method 8082; and
- Title 22 metals by USEPA Methods 6010/7471

Based on existing analytical data, it is unlikely that the soil will be profiled as Resource Conservation and Recovery Act (RCRA)[i] or non-RCRA California hazardous waste. However, if it is found otherwise, additional methods and analyses will be performed as specified by the receiving landfill facility. Specifically, leachability testing may be required as follows:

- RCRA hazardous waste criteria: the toxicity characteristic leaching procedure (TCLP) is conducted for soil samples with a total constituent concentration that is 20 times its respective TCLP regulatory limit appearing in Code of Federal Regulation (CFR) Title 40, Part 261, Subpart C, Section 261.24.
- Non-RCRA California hazardous waste criteria: the Waste Extraction Test methodology is conducted for soil samples with a TTLC that is 10 times its respective Soluble Threshold Limit Concentration appearing in California Code of Regulations (CCR), Title 22, Division 4.5, Chapter 11, Sections 66261.24.

Other tests to ascertain other potential hazardous characteristics may also be required. A flow chart that generally illustrates the process described above is presented as Figure B-3 in Appendix B. The frequency of sampling and the sample types (i.e., discrete or composite) will be designated by the receiving facility. Typically, the sample frequency is at least one (composite or discrete) sample per every 250 cubic yards to 1,000 cubic yards. Note that the facility to which soil will be disposed must be pre-approved in advance of its shipping.

The disposal facility for soil that is classified as non-RCRA California hazardous waste or RCRA hazardous waste will be selected by Rohr. Manifest for soil classified as hazardous waste will be signed by Rohr using Rohr's EPA ID number. Waste manifests for non-hazardous soil that contains chemical constituents above their respective HBRGs will also be signed by Rohr or its designee.

8.4 IMPORT SOIL

Imported soil brought on to the Site, if any will meet the minimum requirements for soil sampling and analysis designated by the California Department of Toxic Substances Control (DTSC) in the guidance document "*Information Advisory Clean Imported Fill Material*" ([Advisory]; DTSC, 2001) to avoid the placement of chemically impacted soil on-Site. The DTSC Advisory is included as Appendix D. The specific chemicals to be tested and the frequency of testing will be evaluated on a case-by-case basis, as determined by the PSIP Wohl Environmental Consultant. For example, soil whose origin is a quarry or a commercial horticulture entity may not require testing. The General Contractor will provide source soil documentation for the PSIP Wohl Environmental Consultant's review prior to its acceptance and placement.

Environmental Consultant shall oversee all sampling and analytical testing and evaluate whether the soil meets reuse criteria. No import soil may be used on Site without the written consent of the Owner. Supporting documentation regarding the import soil will be provided to the SDRWQCB in progress and completion reports, as described in Section 11.3. A flow chart that generally illustrates the approval process for import soil is presented as Figure B-4 in Appendix B.

8.5 DECONTAMINATION OF OFF-HAUL VEHICLES AND EQUIPMENT CLEANING

Track out of soil or other materials from the Site is prohibited, and the General Contractor will designate controlled ingress and egress locations. Soil or other materials adhered to vehicles will be removed via track-out plates or washing before exiting the Site.

Water from the cleaning processes will be collected and contained on Site. Sampling may be needed prior to disposal to comply with a sewer discharge permit. The PSIP Wohl Environmental Consultant will assist the General Contractor with sampling; compliance with a sewer discharge permit will be the responsibility of the General Contractor.

9. Dust Control

During DEMP activities, dust control measures will be implemented to comply with the Rule 55 Fugitive Dust Rule established by the APCD and the dust action level (Section 4.3.1), respectively. The General Contractor will be responsible for dust mitigation during DEMP activities. If visible dust is observed at the perimeter of the Site boundaries, the Contractor will enhance mitigation measures to eliminate visible dust at the Site boundary. In general, dust control measures and recommended practices include:

- Applying water as needed to maintain soil moisture and minimize dust generation daily;
- Covering the soil or maintaining at least 2 feet of freeboard for trucks hauling affected soil within the Site;
- Sweeping all paved access roads, parking areas, and staging areas, as needed;
- Sweeping streets if soil is carried onto adjacent public streets;
- Restricting non-essential traffic to compacted and paved roadways;
- Limiting vehicle speeds to 5 miles per hour on the Site;
- Minimizing drop heights while loading transportation vehicles; and
- Covering exposed soil or stockpiles and securing the Site at the end of each day by locking the gates.

10. Water Management

Groundwater is present beneath the Project footprint at a depth greater than 10 feet. Since the excavation depth for the Project is expected to be no more than 5 feet, the water table will not be encountered during construction and no dewatering will be necessary. However, it is possible that rain water may accumulate in the excavation depending on the timing and weather conditions during construction. If accumulated water requires management during DEMP activities, a permit from the City of Chula Vista will be obtained to discharge the water to the sanitary sewer. Volume and chemical discharge limits are specified for the Industrial User Permit in City of Chula Vista Municipal Code (MC) 13.10. Alternatively, if only limited water management is needed, it may be placed in containers and profiled for off-Site treatment/disposal. The General Contractor will be responsible for complying with all applicable ordinances and permitting requirements regarding water collection, storage, management, and sampling prior to discharge. Water will not be used for dust control across the Site or over stockpiles.

11. Unanticipated Subsurface Conditions

It is unlikely but it is possible that unknown historical subsurface features and structures (such as underground storage tanks and concrete vaults) may be encountered in the construction footprint during DEMP activities. Whenever unanticipated conditions are encountered, the General Contractor will stop work, secure the work area, and notify PSIP Wohl and the PSIP Wohl Environmental Consultant of the unanticipated condition before any further action is taken. Further action may include removal or in-place abandonment of subsurface structures or characterization and appropriate handling of soil potentially affected by chemicals. The General Contractor will take no action regarding the unanticipated condition unless expressly authorized by PSIP Wohl. Work can proceed in the area upon authorization from PSIP Wohl.

PSIP Wohl or its designee will notify Rohr and the SDRWQCB of an any unanticipated condition, and activities related to the unanticipated condition will be conducted with their concurrence. In the case of an underground storage tank, PSIP Wohl will notify Rohr and DEHQ, and its removal will proceed in accordance with the permitting and procedures outlined in the SAM Manual.

12. Data Management and Reporting

12.1 QUALITY ASSURANCE/QUALITY CONTROL

Quality Assurance/Quality Control (QA/QC) measures will be employed throughout the sampling and analytical testing associated with the activities described in this DEMP so that representative and reliable data are generated to facilitate decision-making. Specific QA/QC measures are presented in Appendix C.

12.2 FIELD RECORDS

Daily field records will be maintained by the PSIP Wohl Environmental Consultant describing the activities conducted, visual and olfactory observations and field measurements, location and type of samples collected, if any, and daily calibration of field equipment. Where field observations indicate soil staining or an unanticipated condition, it will be documented on a Site map.

Sample labeling will include an identifier that designates its origin. For instance, NECs, confirmation samples and stockpile samples may be labeled according to the following conventions:

NEC-001: NECs will be numbered sequentially.

CS-001-005: Confirmation samples will be numbered sequentially, followed by the sample depth. In the example, "005" is a sample collected at a depth of 0.5 feet.

C-SP1-XX: Concrete will be designated by a "C", followed by the stockpile number (if appropriate), followed by the sample number. The samples will be numbered sequentially.

Sample identifiers will be coordinated among the PSIP Wohl Environmental Consultant project manager and field staff prior to demolition and field activities.

12.3 REPORTING

A report will be prepared upon completion of DEMP activities. The DEMP Completion Report will include: a description of demolition activities, including a map showing the location of NECs, documentation of the disposition of concrete and soil, copies of analytical reports, chain-of-custody forms, and bills of lading/waste manifests. The DEMP Completion Report will be submitted within 90 days of the last scheduled DEMP activity.

13. Management of DEMP

This section discusses responsibilities for managing this DEMP and the circumstances under which this DEMP may be modified.

13.1 RESPONSIBILITIES

PSIP Wohl will make a copy of the DEMP available to its General Contractor, who will be responsible for providing this DEMP to its subcontractors engaged in subsurface work activities for the Project. The General Contractor and its subcontractors will be responsible for following the requirements appearing in this DEMP, project specifications, and job and Site safety. Each contractor engaging in the Project on Site will be required to sign a letter of acknowledgment documenting receipt and agreement to the responsibilities and requirements set forth in this DEMP (Appendix E). Copies will be maintained in the General Contractor's files for its respective subcontractors and available to PSIP Wohl upon request.

13.2 MODIFICATIONS TO DEMP

This DEMP was developed based on Haley & Aldrich's understanding of current conditions at the Site and applicable regulations. The DEMP may be updated if conditions are different than we currently understand.

14. Scope Representations, and Limitations

This DEMP was developed exclusively to address activities for the construction of a new loading dock within the northern portion of Building 29, relative to Haley & Aldrich's understanding of Site environmental conditions, as reported in the documents included in the references section of this DEMP. This DEMP does not address issues related to other chemicals or media that may be encountered during this construction Project other than that described herein. Contractors and workers are responsible for complying with all applicable laws pertaining to the handling and disposal of these materials.

In preparing this DEMP, Haley & Aldrich has relied upon certain information and documents prepared by others. To the extent that recommendations are based in whole or in part on such information, those conclusions are contingent on its accuracy and validity. Haley & Aldrich assumes no responsibility for any consequences arising from any information or condition that was concealed, withheld, misrepresented, or otherwise not fully disclosed or available to Haley & Aldrich.

This DEMP is based on current known Site conditions and current laws, policies, and regulations. No representation is made to any present or future developer or property owner of the Site or portions of the Site with respect to future Site conditions, other than those specifically identified within this DEMP.

Haley & Aldrich disclaims any responsibility for any unintended or unauthorized use of this DEMP. Haley & Aldrich has not made any commitment to, or assumed any obligation or liability to, any present or future developer, property owner, tenant, engineer, agent, contractor, user, or other party owning or visiting the Site or portion of the Site based upon or arising out of implementation of this DEMP. It is expressly understood that while this DEMP is intended to provide guidance and establish a framework for the management of residual chemicals in soil, soil vapor, and groundwater to protect human health and the environment, this DEMP shall not create any warranties or obligations to Haley & Aldrich as to implementation, adequacy, or success of protective measures under this DEMP.

References

1. Adrian Brown, 1998, ASTM Phase I Site Assessment, B.F. Goodrich Aerospace, Foot of "H" Street, 4 June.

2. California Department of Toxic Substances Control (DTSC), 2001. Information Advisory – Clean Imported Fill Material (Advisory). October.

3. GSI Environmental Inc., 2020. Limited Phase II Screening Site Investigation, Rohr, Inc. a Collins Aerospace Company, Parcel A, North Campus, 850 Lagoon Drive and 390 Bay Blvd., Chula Vista, California. September 11.

4. GSI Environmental Inc., 2022. Demolition and Soil Environmental Management Plan (Final), Parcel B – North Campus, Chula Vista, California, GeoTracker global ID T10000001489. September 29.

5. Haley & Aldrich, Inc., 2013, Revised Concrete Joint Compound Removal Work Plan, South Campus Property, Chula Vista, California, SDRWQCB Reference: 209294204:talo, 3 December.

6. Haley & Aldrich, Inc., 2016. ASTM Phase I Environmental Site Assessment, Rohr Property IDs 7 and 15 (Eastern Portion), Chula Vista. July 21.

7. Haley & Aldrich, Inc., 2018. Phase II Environmental Site Assessment, Buildings 99 and 29, 850 Lagoon Drive, Chula Vista, California, GeoTracker Global ID# T10000011095. January 11.

8. Haley & Aldrich, Inc., 2020. Data Gap Assessment Report, Rohr, Inc. – Rohr, Inc. - Parcel A, Building 29, 850 Lagoon Drive, Chula Vista, California, SDRWQCB Code No. SMC:20-0283.051:alot, GeoTracker ID: T0000011095. February 18.

9. Haley & Aldrich, Inc., 2021a. Revised Conceptual Site Model, Rohr, Inc., North Campus, Parcel A, 850 Lagoon Drive, Chula Vista, California, GeoTracker ID: T10000011095. April 30.

10. Haley & Aldrich, Inc., 2021b. Revised Baseline Human Health Risk Assessment, Rohr, Inc., North Campus, Parcel A, 850 Lagoon Drive, Chula Vista, California, GeoTracker Global ID T10000011095. May 4.

11. Haley & Aldrich, Inc., 2021c. Revised Data Gap Investigation Work Plan, Rohr, Inc. - North Campus, Parcel A, 850 Lagoon Drive, Chula Vista, California. December 22.

12. Haley & Aldrich, 2022a. Updated Sitewide Conceptual Site Model, Rohr, Inc., North Campus, 850 Lagoon Drive, Chula Vista, California, GeoTracker ID: T10000001489. February 25.

13. Haley & Aldrich, 2022b. Data Gap Investigation Report, Rohr, Inc. North Campus, Parcel A, Chula Vista, California, Geotracker ID No. T10000011095. June 10.

14. Haley & Aldrich, Inc., 2022c. Update to the Revised Baseline Human Health Risk Assessment, Rohr, Inc. - North Campus, Parcel A, 850 Lagoon Drive, Chula Vista, California. July 8.

References

15. URS Corporation, 2013. Phase I Environmental Site Assessment, UTAS – Chula Vista, 850 Lagoon Drive Chula Vista, California 91910. April 2.

16. Woodward-Clyde Consultants, 1998. Data Compilation and Evaluation Report, Rohr, Inc., Chula Vista, California. May 27.

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FIGURES

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MAP SOURCE: ESRI
USGS QUAD: NATIONAL CITY, IMPERIAL BEACH
SITE COORDINATES: 32°38'03.8"N, 117°05'56.9"W

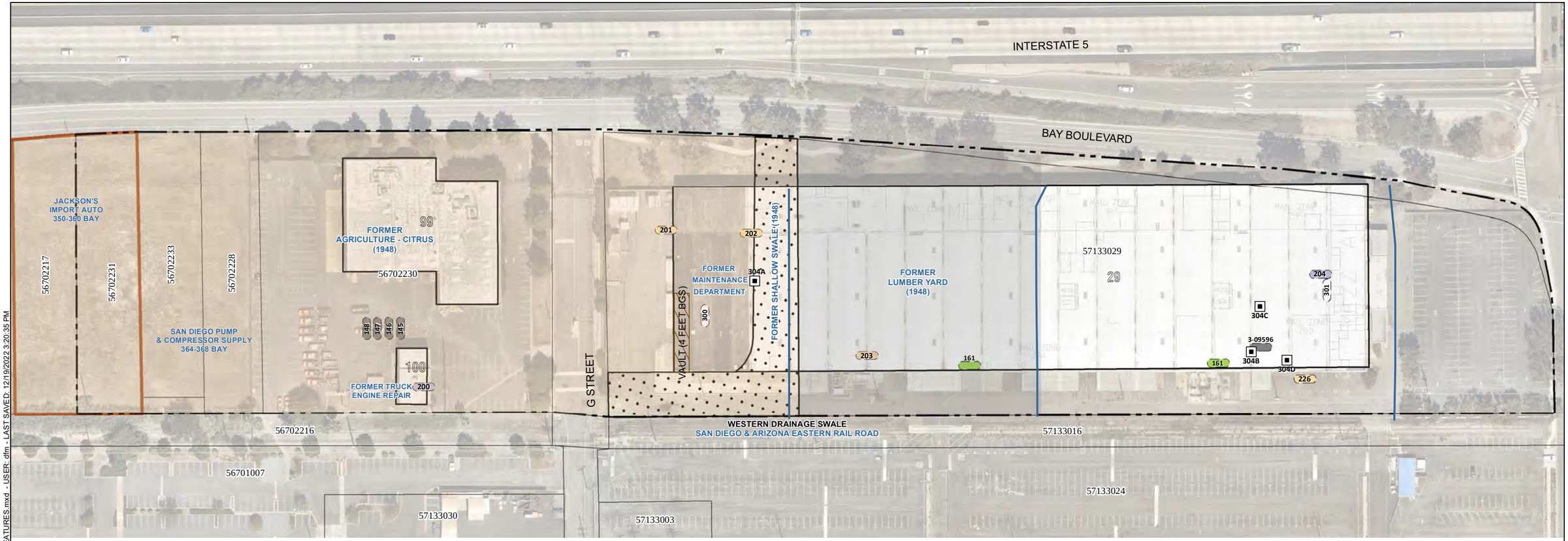
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SITE LOCUS

APPROXIMATE SCALE: 1 IN = 2,000 FT
DECEMBER 2022

FIGURE 1



LEGEND

- FORMER MILLS/LATHES
- FORMER VESSELS AND VAULTS
- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- STORM WATER CONVEYANCE SYSTEM
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- FORMER EXCAVATION AREA
- SHALLOW SWALE (1948)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

0 125 250
SCALE IN FEET

HALEY ALDRICH

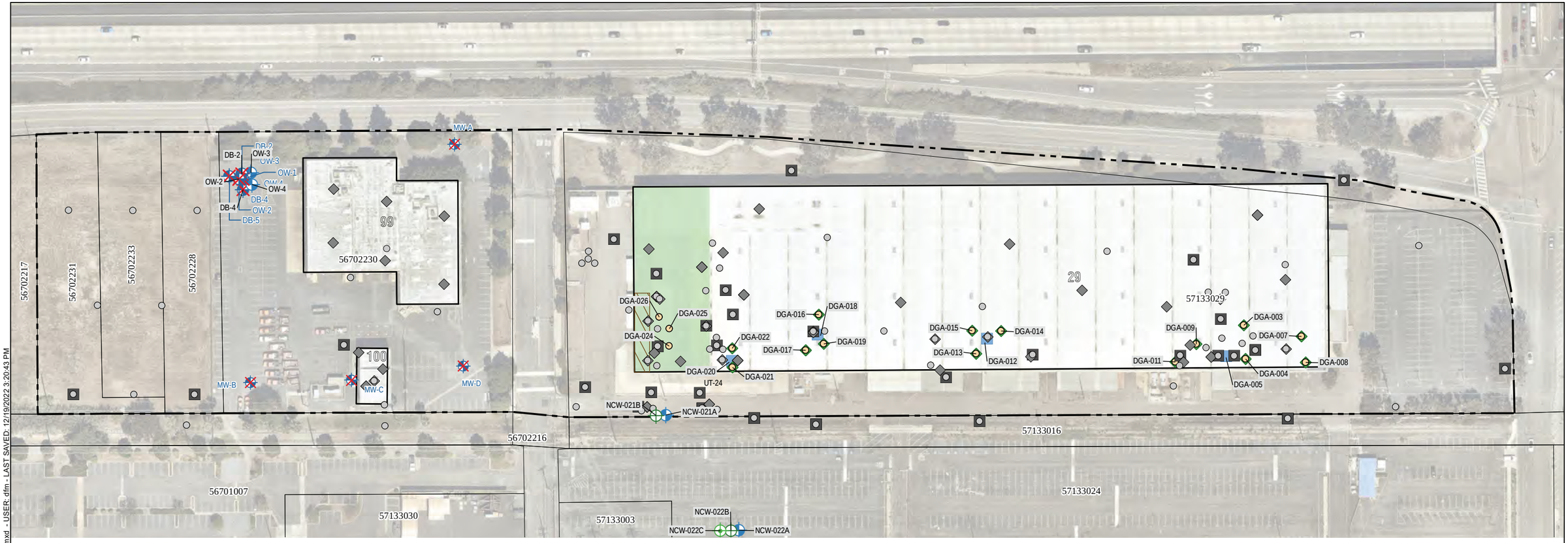
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

HISTORICAL ENVIRONMENTAL SITE FEATURES

DECEMBER 2022

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\02060641\GIS\Maps\2022_12\02060641_000_0002_HISTORICAL_ENV_SITE_FEATURES.mxd - USER: dfm - LAST SAVED: 12/19/2022 3:20:35 PM



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LEGEND

- EXISTING MONITORING WELL
- DESTROYED MONITORING WELL/TRANSDUCER

2022 SAMPLE LOCATIONS

- SOIL
- SOIL GAS
- GROUNDWATER

HISTORICAL SAMPLE LOCATIONS

- SOIL
- SOIL GAS
- GROUNDWATER

- VAULT (4 FEET BGS, INSTALLED IN 2000)
- TO BE RAZED AND EXCAVATED 5 FEET BELOW GROUND SURFACE TO CONSTRUCT LOADING DOCK
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

0 125 250
SCALE IN FEET

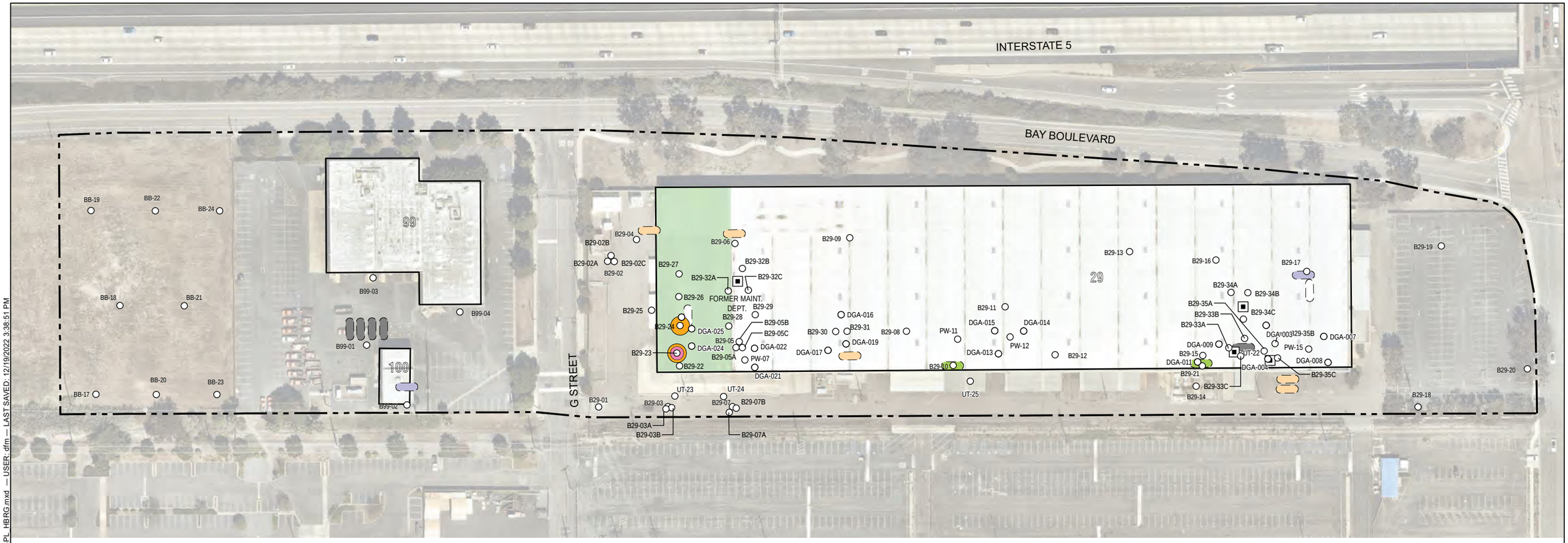
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SAMPLE LOCATION MAP

DECEMBER 2022

FIGURE 3



LEGEND

- BORING LOCATION
- SOIL SAMPLE LOCATION WITH CONCENTRATIONS GREATER THAN HEALTH-BASED REMEDIATION GOALS (CONSTRUCTION WORKER)
- SOIL SAMPLE LOCATION WITH CONCENTRATIONS GREATER THAN GROUNDWATER PROTECTION LEVELS
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- TO BE RAZED AND EXCAVATED 5 FEET BGS TO CONSTRUCT LOADING DOCK
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 2022

N

0 125 250

SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SOIL SAMPLE LOCATIONS WITH CONCENTRATIONS GREATER THAN GPLs AND HBRGs

DECEMBER 2022

FIGURE 4

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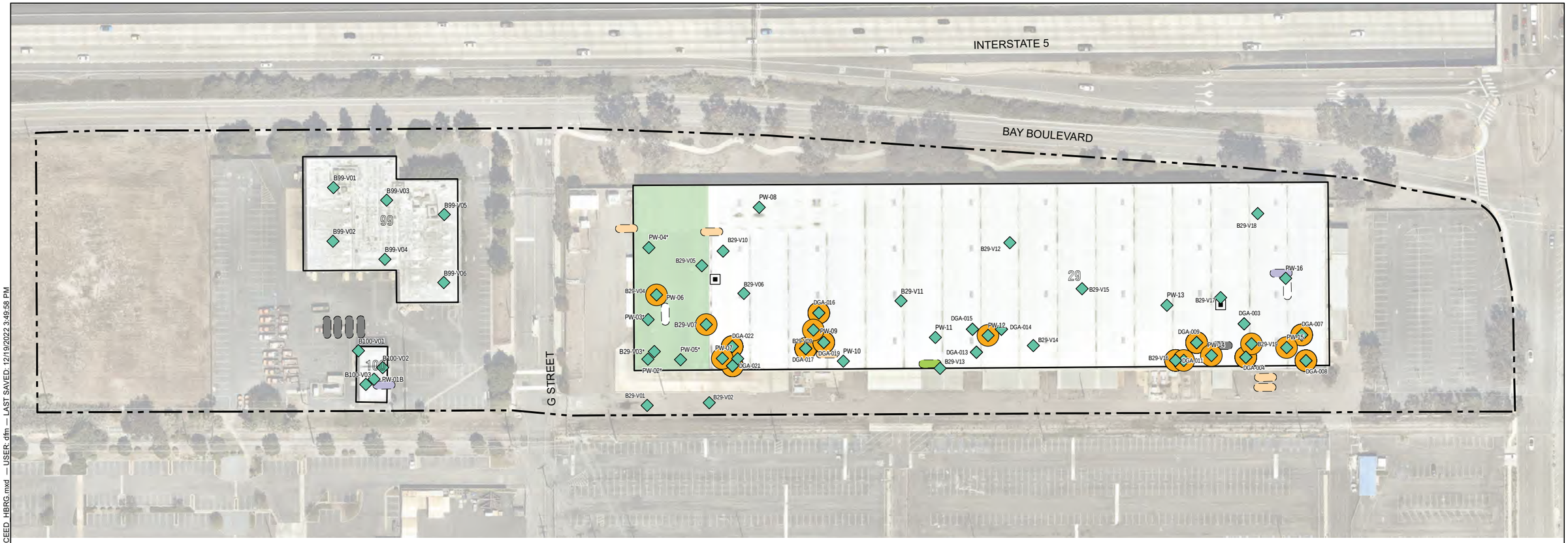

LEGEND

- SOIL GAS PROBE
- SOIL GAS SAMPLE LOCATION WITH CONCENTRATIONS GREATER THAN HEALTH-BASED REMEDIATION GOALS
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- TO BE RAZED AND EXCAVATED 5 FEET BGS TO CONSTRUCT LOADING DOCK
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. * = THESE SAMPLE LOCATIONS WERE NOT EVALUATED SINCE THEY ARE LOCATED IN THE PORTION OF THE BUILDING THAT IS TO BE DEMOLISHED.
5. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 2022

0 125 250
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

VOCs IN SOIL GAS COMPARED TO HBRGs

DECEMBER 2022

FIGURE 5

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INTERSTATE 5

BAY BOULEVARD

H STREET

G STREET

B11:< 1

B12:< 1

B29-04: 0.79*

B29-28:63.8

B29-32C:< 1.00

B29-30:5.36

DGA-018:7.5

B29-12:0.67*

B29-23:1280

B29-05: 7.9*

DGA-012:4.7

DGA-020:7.2

UT-23:520

UT-25:< 1

UT-24:4.7

UT-66:< 1

UT-20:< 1

B15:3.3

B29-03:750*

B29-07:21

UT-19:< 1

NCW-021A:520

UT-18:< 1

B29-16:< 1*

B29-34C:< 1*

UT-22:42

B29-33C:1.52*

B29-35C:17*

B29-15:2.7*

DGA-005:340

B29-20:< 0.5*

UT-21:< 1

29

100

1000

100

10

10

10

10

LEGEND

- GROUNDWATER SAMPLE LOCATION
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

- TRICHLOROETHENE (TCE) CONTOUR IN ZONE A GROUNDWATER (ug/L)
- TO BE RAZED AND EXCAVATED 3 FEET BBELOW GROUND SURFACE TO CONSTRUCT LOADING DOCK
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µg/L)
3. * = UPPER ZONE B DATA
4. < = LESS THAN LABORATORY DETECTION LIMITS ARE SHOWN
5. TCE = TRICHLOROETHENE
6. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

N

0 100 200

SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

TCE IN ZONE A GROUNDWATER

DECEMBER 2022

FIGURE 6

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APPENDIX A
Civil Drawings – Demolition Plans

795 H STREET

GRADING AND IMPROVEMENT PLANS

IN THE CITY OF CHULA VISTA, CALIFORNIA

A. GRADING NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THESE APPROVED PLANS AND APPROVED REVISIONS. ANY CHANGES OR REVISIONS THEREFROM SHALL BE APPROVED BY THE CITY ENGINEER AND MITIGATION MONITOR PRIOR TO ANY REQUEST FOR INSPECTION.

2. ALL GRADING SHALL BE INSPECTED AND TESTED BY OR UNDER THE DIRECTION OF A QUALIFIED SOILS ENGINEER. THE SOILS ENGINEER SHALL INSPECT THE EXCAVATION, AND SHALL OBSERVE AND TEST THE PLACEMENT, AND COMPACTION OF FILL AND BACKFILL AND COMPACTION OF TRENCHES; SUBMIT GEOTECHNICAL OR SOILS REPORTS AS REQUIRED AND DETERMINE THE SUITABILITY OF ANY FILL MATERIAL UPON COMPLETION OF GRADING OPERATIONS. THE SOILS ENGINEER SHALL STATE THAT OBSERVATIONS AND TESTS WERE MADE BY, OR UNDER DIRECTION OF THE SOILS ENGINEER, AND THAT EMBANKMENTS AND EXCAVATIONS WERE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL ASPECTS OF THE APPROVED GRADING PLANS, ANY APPROVED REVISIONS THERETO, SUBJECT LAND DEVELOPMENT PERMIT AND ORDINANCE NO. 1797 AS AMENDED, AND THAT ALL EMBANKMENTS AND EXCAVATIONS ARE ACCEPTABLE FOR THEIR INTENDED USE.

3. THE CONTRACTOR SHALL PROPERLY GRADE ALL EXCAVATED SURFACES TO PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING OF WATER. CONTRACTOR SHALL CONTROL SURFACE WATER TO AVOID DAMAGE TO ADJOINING PROPERTIES OR TO FINISHED WORK ON THE SITE, AND SHALL TAKE REMEDIAL MEASURES TO PREVENT EROSION OF FRESHLY GRADED AREAS UNTIL SUCH TIME AS PERMANENT DRAINAGE AND EROSION CONTROL MEASURES HAVE BEEN INSTALLED TO THE SATISFACTION OF THE CITY ENGINEER AND THE MITIGATION MONITOR.

4. ALL AREAS TO BE FILLED SHALL BE PREPARED PRIOR TO FILLING, AND FILL SHALL BE PLACED IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN THE SOILS REPORT. ALL VEGETABLE MATTER AND OTHER OBJECTIONABLE MATERIALS SHALL BE REMOVED, BY THE CONTRACTOR, FROM THE SURFACE UPON WHICH THE FILL IS TO BE PLACED. LOOSE FILL AND UNSUITABLE SOILS SHALL BE REMOVED TO SUITABLE FIRM NATURAL GROUND. THE EXPOSED SOILS SHALL BE SCARIFIED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND THEN COMPACTED TO A MINIMUM OF 90% OF ASTM-D1557. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT THE FILL IN STRICT ACCORDANCE WITH THE SPECIFICATIONS.

5. CUT AND FILL SLOPES SHALL BE CUT AND TRIMMED TO THE FINISHED GRADE TO PRODUCE SMOOTH SURFACES AND UNIFORM CROSS SECTIONS. THE SLOPES OF EXCAVATIONS AND EMBANKMENTS SHALL BE SHAPED, TRIMMED, AND PLANTED IN ACCORDANCE WITH THE PLANTING NOTES AND AS DIRECTED BY THE ENGINEER OF WORK, AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS AND OTHER WASTE MATERIALS EXPOSED ON THE EXCAVATION OR EMBANKMENT SLOPES WHICH ARE LIABLE TO BECOME LOOSENED, SHALL BE REMOVED AND DISPOSED OF. THE TOE AND TOP OF ALL SLOPES SHALL BE ROUNDED IN ACCORDANCE WITH ORDINANCE NO. 1797, THESE GRADING PLANS, AND THE STANDARD DRAWINGS GRD-01 AND GRD-02. SLOPE SETBACKS AND GRADES SHALL CONFORM TO GRD-06.

6. IF THERE ARE EROSION SCARS ON EXISTING SLOPES WHICH OTHERWISE WOULD NOT BE ELIMINATED BY THE PROPOSED GRADING, THESE SCARS ARE TO BE ELIMINATED BY TRIMMING, FINE GRADING AND PLANTING. IF THE SCARS ARE IN AREAS OF NATIVE VEGETATION, THE REPAIRS SHOULD BE PERFORMED WITH AN EFFORT TO AVOID OR MINIMIZE IMPACTS TO NATIVE VEGETATION. ALL SUCH REPAIRS IN AREAS OF NATIVE VEGETATION SHALL BE REVIEWED AND APPROVED BY THE CITY'S MITIGATION MONITORING COORDINATOR PRIOR TO THE BEGINNING OF THE REPAIR WORK.

7. ALL TREES, BRUSH, GRASS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE COLLECTED, PILED OR OTHERWISE DISPOSED OF OFF THE SITE BY THE CONTRACTOR SO AS TO LEAVE THE AREAS THAT HAVE BEEN CLEARED WITH A NEAT AND FINISHED APPEARANCE FREE FROM UNSIGHTLY DEBRIS. APPROVAL OF LOCATIONS FOR DEBRIS FILL SHALL BE OBTAINED FROM THE SOILS ENGINEER PRIOR TO THE DISPOSAL OF ANY SUCH MATERIAL.

8. SUBDRAIN LOCATIONS SHOWN ARE APPROXIMATE AND ARE RECOMMENDED FOR ALL SIGNIFICANT FILL CANYONS. THE ACTUAL LOCATION AND EXTENT OF SUBDRAINS SHALL BE DETERMINED BY THE GEOTECHNICAL CONSULTANT AT THE TIME OF CONSTRUCTION.

9. BY REFERENCE, HERE, THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY GEOCON INCORPORATED, ON OCTOBER 12, 2020 IS INCLUDED AS A PART OF THESE PLANS.

10. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES. LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND SHOWN FOR GENERAL INFORMATION ONLY.

11. WHERE GRADING DOES NOT OCCUR, ALL EXISTING PLANT MATERIAL IS TO BE PROTECTED IN PLACE. NO CONSTRUCTION EQUIPMENT WILL BE ALLOWED TO TRAVEL THROUGH AND DAMAGE ANY OF THESE AREAS. ALL AREAS TO BE RETAINED IN A NATURAL CONDITION SHALL BE FENCED UNDER THE DIRECTION OF THE PROJECT BIOLOGIST. CONTRACTOR WILL BE RESPONSIBLE TO REPAIR ANY AND ALL DAMAGE/IMPACTS TO THESE AREAS.

12. THE CONTRACTOR SHALL FURNISH TO THE ENGINEER OF WORK AS-BUILT PLANS FOR ALL NEW IMPROVEMENTS AND GRADING SHOWN ON THESE PLANS FOR SUBMITTAL TO THE CITY ENGINEER FOR APPROVAL IN ACCORDANCE WITH SECTION 15.04.140 OF THE CHULA VISTA MUNICIPAL CODE.

13. IN THE CASE OF CONFLICTS, THE REQUIREMENTS OF THE EARTHWORK, SPECIFICATIONS PREPARED FOR THE PROJECT BY THE SOILS ENGINEER SHALL GOVERN THE REQUIREMENTS OF THIS PLAN AND THESE NOTES AND THESE PLANS SHALL BE REVISED ACCORDINGLY.

B. DIG ALERT NOTICE

IMPORTANT NOTICE
SECTION 4215/4217 OF THE GOVERNMENT CODE REQUIRES THAT A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. PER YOUR DIG ALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE 1-800-422-4133 TWO WORKING DAYS BEFORE YOU DIG.

ALL FIRE HYDRANTS AND HARD SURFACE ACCESS MUST BE IN PLACE BEFORE COMBUSTIBLE MATERIALS ARE DELIVERED TO THE SITE.

UNDERGROUND SERVICE ALERT

CALL: TOLL FREE
(800)422-4133

TWO WORKING DAYS BEFORE YOU DIG

"CAUTION": REMEMBER THAT THE USA CENTER NOTIFIES ONLY THOSE UTILITIES BELONGING TO THE CENTER. THERE COULD BE OTHER UTILITIES PRESENT AT THE WORK SITE. THE CENTER WILL INFORM YOU OF WHOM THEY WILL NOTIFY.

UTILITY NOTE

ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE PLOTTED FROM RECORD DATA AT THEIR APPROXIMATE LOCATIONS. UNDERGROUND FACILITIES MAY EXIST WHICH HAVE NOT BEEN REPORTED OR ARE NOT OF RECORD. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL PERTINENT UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.

C. GENERAL NOTES:

9. THE SOILS REPORT TITLED GEOTECHNICAL ENGINEERING REPORT PREPARED BY GEOCON INCORPORATED, ON OCTOBER 12, 2020 SHALL BE CONSIDERED TO BE PART OF THIS GRADING PLAN. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN SAID REPORT.

10. STORM DRAINS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF SIZES, LOCATIONS, AND TYPE OF SEWER AND DRAINAGE FACILITIES, OR ANY SURFACE IMPROVEMENTS WITHIN FUTURE STREET RIGHTS-OF-WAY SHOWN ON THESE PLANS. SEPARATE APPROVALS AND PERMITS FOR THESE SHALL BE REQUIRED IN CONJUNCTION WITH IMPROVEMENT PLANS.

11. WRITTEN PERMISSION SHALL BE OBTAINED FOR ANY OFF-SITE GRADING.

12. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING GRADING OPERATIONS. ANYTHING DAMAGED OR DESTROYED SHALL BE REPLACED OR REPAIRED TO CONDITION EXISTING PRIOR TO GRADING.

13. THE CONTRACTOR SHALL BE RESPONSIBLE THAT ANY MONUMENT OR BENCH MARK WHICH IS DISTURBED OR DESTROYED SHALL BE RE-ESTABLISHED AND REPLACED BY A REGISTERED CIVIL ENGINEER WHO IS ALLOWED TO PRACTICE SURVEYING OR A LICENSED LAND SURVEYOR AND A CORNER RECORD, RECORD OF SURVEY, OR CERTIFICATE OF CORRECTION FILED AS REQUIRED BY THE LAND SURVEYOR'S ACT.

14. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.

15. ALL FLOWS SHOWN ARE FOR 50 -YEAR STORM, EXCEPT AS NOTED.

16. ALL SEDIMENTATION BASINS, OUTLET PIPES AND DITCHES ARE PRIVATE UNLESS OTHERWISE NOTED AND HAVE NOT BEEN REVIEWED FOR ADEQUACY BY THE CITY ENGINEERING DEPARTMENT.

17. THE OWNER MUST OBTAIN AN EXCAVATION PERMIT FROM THE DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (D.O.S.H.) FOR CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE FIVE FEET OR DEEPER INTO WHICH A PERSON IS REQUIRED TO DESCEND. SAID PERMIT IS REQUIRED PRIOR TO ISSUANCE OF A GRADING PERMIT BY THE CITY OF CHULA VISTA.

18. GRADING EQUIPMENT SHALL NOT USE OR BLOCK TRAFFIC LANES DURING GRADING ACTIVITY, TRUCK OPERATIONS IN AND OUT OF CONSTRUCTION AND STAGING AREAS SHALL BE CONTROLLED AS REQUIRED BY THE CITY. TRUCK AND EQUIPMENT ROUTES IN AND OUT OF THE SITE, SHALL BE APPROVED BY THE CITY PRIOR TO START OF WORK. AT THE END OF THE WORKING DAY, STREETS SHALL BE CLEANED OF DIRT AND CONSTRUCTION DEBRIS TO THE SATISFACTION OF THE CITY INSPECTOR AND THE MITIGATION MONITOR.

19. DUST GENERATED BY CONSTRUCTION ACTIVITIES SHALL COMPLY WITH LOCAL DUST CONTROL, ANY REQUIREMENTS OF ANY MITIGATION MONITORING PROGRAMS, AND UNIFORM BUILDING CODE (UBC) REQUIREMENTS, WHICH INCLUDE DUST CONTROL MEASURES FOR CONSTRUCTION SITES. DUST REDUCING MEASURES SHALL INCLUDE, BUT NOT LIMITED TO, REGULAR WATERING OF GRADED SURFACES AND RESTRICTION OF ALL CONSTRUCTION VEHICLES AND EQUIPMENT TO TRAVEL ALONG ESTABLISHED AND REGULARLY WATERED ROADWAYS AT SPECIFIED SPEEDS.

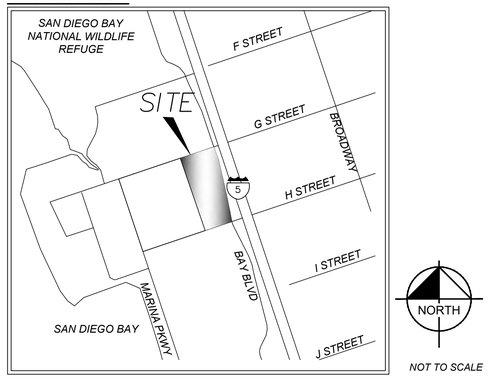
D. PRECONSTRUCTION CONFERENCE:

THE CONTRACTOR SHALL NOT BEGIN ANY WORK ON THIS PROJECT UNTIL A PRECONSTRUCTION CONFERENCE IS HELD WITH THE ENGINEER OF WORK, THE SOILS ENGINEER, DEVELOPER, CONTRACTOR, OTAY WATER DISTRICT INSPECTOR, AND CITY ENGINEER.

E. SHEET INDEX:

C1.0 - COVER SHEET
C2.0 - GENERAL NOTES
C3.0 - DETAILS
C4.0 - DEMOLITION PLAN
C5.0-C5.4 - GRADING AND DRAINAGE PLANS
C5.5 - SITE SECTIONS
C6.0 - STORM DRAIN PROFILES
C7.0 - EROSION CONTROL PLAN
C7.1 - EROSION CONTROL PLAN DETAILS

F. VICINITY MAP:



NOT TO SCALE

G. OWNER'S CERTIFICATE:

IT IS AGREED THAT FIELD CONDITIONS MAY REQUIRE CHANGES TO THESE PLANS. IT IS FURTHER AGREED THAT THE OWNER (DEVELOPER) SHALL HAVE THE ENGINEER OF WORK MAKE SUCH CHANGES, ALTERATIONS OR ADDITIONS TO THESE PLANS WHICH THE ENGINEER OF WORK DETERMINES ARE NECESSARY AND DESIRABLE FOR THE PROPER COMPLETION OF THE IMPROVEMENTS. ALL PLAN CHANGES SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION.

I FURTHER AGREE TO COMMENCE WORK ON ANY IMPROVEMENTS SHOWN ON THESE PLANS WITHIN EXISTING CITY RIGHT-OF-WAY WITHIN 60 DAYS AFTER ISSUANCE OF THE CONSTRUCTION PERMIT AND TO PURSUE SUCH WORK ACTIVELY ON EVERY NORMAL WORKING DAY UNTIL COMPLETED, IRRESPECTIVE AND INDEPENDENT OF ANY OTHER WORK ASSOCIATED WITH THIS PROJECT OR UNDER MY CONTROL.

NAME: PSIP WOHL BAY BOULEVARD LLC

ADDRESS: 2251 SAN DIEGO AVE, SUITE A247, SAN DIEGO, CA 92110

PHONE: 619-296-4113

SIGNED: _____ DATE: _____

NAME: EMIL WOHL

H. APPLICANT'S NAME:

NAME: MICHAEL KNAPTON, KIMLEY HORN

ADDRESS: 401 B STREET, SUITE 600, SAN DIEGO, CA 92101

PHONE NUMBER: 619-234-9411

I. SOILS ENGINEER'S CERTIFICATE:

I, MATT LOVE, A REGISTERED CIVIL ENGINEER OF THE STATE OF CALIFORNIA, PRINCIPALLY DOING BUSINESS IN THE FIELD OF APPLIED SOIL MECHANICS, HEREBY VERIFY THAT A SAMPLING AND STUDY OF THE SOIL CONDITIONS PREVALENT WITHIN THIS SITE WAS MADE BY ME OR UNDER MY DIRECTION ON OCTOBER 12, 2020. ONE COMPLETE COPY OF THE SOILS REPORT COMPILED FROM THIS STUDY, WITH MY RECOMMENDATIONS, HAS BEEN SUBMITTED TO THE OFFICE OF THE CITY ENGINEER.

THESE GRADING PLANS HAVE BEEN REVIEWED BY ME OR UNDER MY DIRECTION AND CONFORM TO THE RECOMMENDATIONS MADE IN THE SOILS REPORT MENTIONED ABOVE.

SIGNED: _____ DATE: _____

DISCIPLINE: _____ EXPIRATION DATE: _____

J. ENGINEER OF WORK:

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE IMPROVEMENTS SHOWN ON THIS SET OF PLANS (SHEET C1.0 THROUGH SHEET C6.0) HAVE BEEN INSTALLED AND CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH SAID PLANS, APPROPRIATE STANDARDS AND ANY DISCRETIONARY APPROVAL(S) FOR THE PROJECT.

SIGNED: _____ DATE: 6/17/2022

PRINTED NAME: MICHAEL J. KNAPTON P.E. NO.: C65627

DISCIPLINE: CIVIL EXPIRATION DATE: 9/30/2023

L. DECLARATION OF RESPONSIBLE CHARGE:

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS. I UNDERSTAND THAT THE CHECK OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF CHULA VISTA AND WATER DISTRICT IS CONFINED TO REVIEW ONLY AND DOES NOT RELIEVE ME AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

KIMLEY HORN
NAME: MICHAEL KNAPTON, R.C.E. C65627

SIGNED: _____ DATE: _____

K. LEGAL DESCRIPTION:

IN THE CITY OF CHULA VISTA, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA BEING PORTIONS OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF QUARTER SECTION 163 OF RANCHO DE LA NACION, ACCORDING TO MAP THEREON NO. 166.

TOGETHER WITH PORTIONS OF LOTS 1 THROUGH 11, IN BLOCK "A" OF RE-SUBDIVISION OF BAY VILLA TRACT, ACCORDING TO MAP NO. 1198, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, AUGUST 6, 1909.

M. ASSESSOR'S PARCEL NO.

571-330-35-00

N. CALIFORNIA COORDINATES

32.630907, -117.097794

O. AS BUILTS

THE CONTRACTOR SHALL FURNISH TO THE ENGINEER OF WORK, AS-BUILT PLANS FOR ALL NEW IMPROVEMENTS AND GRADING SHOWN ON THESE PLANS FOR SUBMITRAL TO THE CITY ENGINEER FOR APPROVAL IN ACCORDANCE WITH SECTION 15.04.140 OF THE CHULA VISTA MUNICIPAL CODE

P. WORK TO BE DONE:

THE WORK TO BE DONE CONSISTS OF THE ITEMS INDICATED UNDER THE "LEGEND" SHOWN BELOW, AND IS TO BE DONE IN ACCORDANCE WITH THESE PLANS AND THE FOLLOWING LIST OR PRINTED MATERIALS AS CURRENTLY ADOPTED BY THE CITY OF CHULA VISTA CITY COUNCIL INCLUDING THE FOLLOWING:

1. 2012 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK") AND 2012 REGIONAL SUPPLEMENT AMENDMENTS (TO THE GREENBOOK).
2. 2012 SAN DIEGO AREA REGIONAL STANDARD DRAWINGS..
3. 2015 CITY OF CHULA VISTA STANDARD SPECIAL PROVISIONS (TO THE GREENBOOK).
4. 2017 DESIGN AND CONSTRUCTION STANDARDS OF THE CITY OF CHULA VISTA.
5. PORTION OF THE STATE STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, DATED JULA 2010 AND ALL SUBSEQUENT ADDITIONS AND REVISIONS.
6. PORTION OF THE STATE STANDARD PLANS, STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, DATED JULY 2010 AND ALL SUBSEQUENT ADDITIONS AND REVISIONS.
7. 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES ("CA-MUTCD") AND ALL SUBSEQUENT ADDITIONS AND REVISIONS.
8. WATER AGENCIES STANDARDS SPECIFICATIONS FOR WATER, RECYCLED WATER AND SEWER FACILITIES, LATEST EDITION.
9. PUBLIC WATER SYSTEM IMPROVEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE SWEETWATER AUTHORITY'S DESIGN STANDARDS AND STANDARD SPECIFICATIONS FOR CONSTRUCTION OF WATER FACILITIES.

ALL REFERENCES ARE TO BE MADE PART OF THESE PLANS. ANY CHANGES OR REVISIONS THEREFROM, SHALL BE APPROVED BY THE CITY ENGINEER, OR HIS DESIGNEE, PRIOR TO ANY REQUEST FOR INSPECTION.

Q. LEGEND:

	DWG. NO.	SYMBOL
SITE PLAN		
CONSTRUCTION LIMITS		
PROPERTY LINE		
SAWCUT LINE		
LIMITS OF GRADING		
PROPOSED FLOW		2.00%
GRADING AND DRAINAGE PLANS		
SPOT GRADE		FS XX.X
TRASH ENCLOSURE	PER B21-0314	
EROSION CONTROL PLAN		
SILT FENCE	CALTRANS SC-1	
INLET PROTECTION	CALTRANS SC-10	
STABILIZED CONSTRUCTION ENTRANCE	CALTRANS TC-1	
CONSTRUCTION FENCE		
UTILITY PLAN		
STORM DRAIN	SDR-35 PVC	
24"X24" JENSEN INLET	DETAIL SHEET C6.0	
SEWER CLEANOUT	S.D.R.S.D. SC-1	

"ENGINEER AS-BUILT CERTIFICATE"

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE IMPROVEMENTS SHOWN ON THIS SET OF PLANS (SHEET ------ THROUGH SHEETS ------) HAVE BEEN INSTALLED AND CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THE SAID PLANS, ALL APPROPRIATE STANDARDS AND ANY DISCRETIONARY APPROVAL(S) FOR THE PROJECT.

SIGNED: _____ DATE: _____

PRINTED NAME: _____ P.E. No. _____

DISCIPLINE: _____ MY REGISTRATION EXPIRES: _____

SWEETWATER AUTHORITY

REVIEWED BY: _____ _____
DATE

RON R. MOSHER
DIRECTOR OF ENGINEERING
VALID FOR 18 MONTHS FROM DATE OF SIGNATURE

"ENGINEER OF WORK"

Kimley»Horn
401 B STREET, SUITE 600
SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER — MICHAEL J. KNAPTON — No. 65627 — CIVIL — STATE OF CALIFORNIA

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd
Contractor _____					
Inspector _____					
Date Completed _____					

BENCH MARK
2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533+54 LS 6000" LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD. BM = 342' PER CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.
ELEVATION: 51.009' NAVD88

SCALE
Horizontal AS SHOWN
Vertical AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON
Date 07/25/2022
R.C.E. No. C65627

Submitted _____
By _____
Planning: Landscape:

Approved _____
By _____
Principal Civil Engineer

CITY OF CHULA VISTA ENGINEERING DEPARTMENT

795 H STREET
COVER SHEET

Drawing No. C1.0
W.O. No. XXXXXX&XXXXXX

R. TOPOGRAPHICAL SOURCE:

KIMLEY HORN ON 06/09/2020.

S. EARTHWORK QUANTITIES:

MAXIMUM CUT: 5.11 FEET
MAXIMUM FILL: 5.84 FEET
TOTAL CUT/FILL: 2,579 CY CUT 1,114 CY FILL
TOTAL EXPORT: 1,464 CY

AREA TO BE GRADED: 3.82 ACRES

IMPORT:
GRADING QUANTITIES ARE ESTIMATED FOR BONDING PURPOSES ONLY AND ARE NOT BE USED FOR FINAL PAYMENT QUANTITIES

THE EARTHWORK QUANTITIES ABOVE ARE FOR PERMIT PURPOSES ONLY. THE CONTRACTOR IS NOT AUTHORIZED TO USE THE ESTIMATES HEREIN FOR BIDDING AND CONSTRUCTION PURPOSES WITHOUT THE EXPLICIT WRITTEN PERMISSION OF THE ENGINEER OF RECORD. NO REPRESENTATIONS OF SUCH QUANTITIES OR A BALANCED SITE CONDITION ARE MADE BY THE ENGINEER OF RECORD.

UNLESS EXPLICITLY STATED OTHERWISE HEREIN, THE ABOVE QUANTITIES ARE APPROXIMATE, IN PLACE VOLUMES CALCULATED FROM THE EXISTING GROUND TO THE PROPOSED FINISHED GRADE. EXISTING GROUND IS DEFINED BY THE CONTOURS AND SPOT GRADES ON THE BASE SURVEY. PROPOSED FINISHED GRADE IS DEFINED AS THE FINAL GRADE AS INDICATED ON THE GRADING PLAN(S) AS FINISHED GROUND, FINISHED SURFACE, AND FINISHED FLOOR ELEVATIONS.

UNLESS EXPLICITLY STATED OTHERWISE HEREIN, THE ABOVE GRADING QUANTITIES HAVE NOT BEEN FACTORED TO ACCOUNT FOR CHANGES IN VOLUME DUE TO BULKING, CLEARING AND GRUBBING, SHRINKAGE, SUBSIDENCE, OVER-EXCAVATION AND RE-COMPACTION, AND CONSTRUCTION METHODS. NOR DO THEY ACCOUNT FOR THE THICKNESS OF PAVEMENT SECTIONS, STORMWATER QUALITY MEDIA SECTIONS, UTILITY PIPES, TRENCHING AND BEDDING MATERIALS, BUILDING OR WALL FOOTINGS, BUILDING SLAB THICKNESSES AND UNDERLYING BASE OR SAND LAYERS, REUSE OF PULVERIZED MATERIALS THAT WILL UNDERLIE NEW PAVEMENTS, ETC.

ANY OVEREXCAVATION AND RECOMPACTION DEPTHS AND VOLUMES, SHRINKAGE FACTORS, PAVEMENT SECTIONS, BUILDING PAD SECTIONS, AND BULKING FACTORS ARE BASED ON A SEPARATE GEOTECHNICAL REPORT. ANY BUILDING SLAB THICKNESSES ARE BASED ON THE SEPARATE BUILDING STRUCTURAL ENGINEERING PLANS. ANY UTILITY, STORMWATER MITIGATION, AND FOOTING SPOILS ARE BASED ON ESTIMATES PROVIDED BY THE OWNER OR CONTRACTOR.

T. NOTIFICATIONS:

1. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES AND STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORD, TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN HEREON, HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED AT THE WORK SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT UNDERGROUND SERVICE ALERT (PHONE 1-800-422-4133) TWO (2) WORKING DAYS IN ADVANCE OF ANY EXCAVATION FOR THE MARK OUT OF THE LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK.

FOR ANY QUESTIONS REGARDING THE MARK OUT OF UNDERGROUND UTILITIES, THE CONTRACTOR SHOULD CONTACT THE RESPECTIVE UTILITY COMPANY:

STREET LIGHT OR SIGNAL LIGHT CONDUIT CITY OF CHULA VISTA (619) 397-6163
SEWER OR STORM DRAIN CITY OF CHULA VISTA
VERIFICATION (619) 691-5024
NOTIFICATION (619) 397-6000
GAS & ELECTRIC SAN DIEGO GAS & ELECTRIC CO. 1-800-227-2600
(619) 230-7800

CITY OF SAN DIEGO PUD WATER (619) 446-5200
SWEETWATER AUTHORITY (619) 420-1413
TELEPHONE PACIFIC BELL (619) 266-4683
TELEVISION COX CABLE OF SAN DIEGO/CHULA VISTA CABLE (619) 263-9251
(619) 476-0177

ULTRONICS & WORLDWIDE SATELLITE (619) 422-0776

2. CONTRACTOR SHALL NOTIFY THE CITY ENGINEER'S OFFICE (PHONE 619- 585-5737) AND THE MITIGATION MONITOR AT THE PLANNING DIVISION (PHONE 619- 691-5101) 48 HOURS (2 WORKING DAYS) PRIOR TO BEGINNING ANY WORK ON THIS PROJECT.

3. THE CONTRACTOR SHALL GIVE 24 HOURS (ONE WORKING DAY) NOTICE ON CALLS FOR INSPECTION. PHONE: (619) 397-6128.

4. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL AT CONTRACTOR'S EXPENSE.

U. NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STATEMENT:

DEVELOPMENT OF THIS PROJECT SHALL COMPLY WITH ALL REQUIREMENTS OF STATE WATER RESOURCES CONTROL BOARD (SWRCB) WQ ORDER NO. 2012-006-DWQ, WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY. IN ACCORDANCE WITH SAID PERMIT, A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND A MONITORING PROGRAM PLAN SHALL BE DEVELOPED AND IMPLEMENTED CONCURRENT WITH THE COMMENCEMENT OF GRADING ACTIVITIES. THE SWPPP SHALL SPECIFY BOTH CONSTRUCTION AND POST-CONSTRUCTION STRUCTURAL AND NON-STRUCTURAL POLLUTION PREVENTION MEASURES. THE SWPPP SHALL ALSO ADDRESS OPERATION AND MAINTENANCE OF POST-CONSTRUCTION POLLUTION PREVENTIONS MEASURES, INCLUDING SHORT-TERM AND LONG-TERM FUNDING SOURCES AND THE PARTY OR PARTIES THAT WILL BE RESPONSIBLE FOR THE IMPLEMENTATION OF SAID MEASURES.

A COMPLETE AND ACCURATE NOTICE-OF-INTENT (NOI) WILL BE FILLED WITH THE SWRCB, A COPY OF THE ACKNOWLEDGMENT FROM THE SWRCB THAT A NOI HAS BEEN RECEIVED FOR THIS PROJECT SHALL BE FILED WITH THE CITY OF CHULA VISTA WHEN RECEIVED; FURTHER, A COPY OF THE COMPLETED NOI FROM THE SWRCB SHOWING THE PERMIT NUMBER FOR THIS PROJECT BE FILED WITH THE CITY OF CHULA VISTA WHEN RECEIVED.

IN ADDITION, THE UNDERSIGNED AND SUBSEQUENT OWNER(S) OF ANY PORTION OF THE PROPERTY COVERED BY THIS GRADING PERMIT NO. XXXXX AND XXXXX SHALL COMPLY WITH SPECIAL PROVISIONS REGARDING THE REVOCATION OR CANCELLATION OF NPDES GENERAL PERMIT COVERAGE, AS SET FORTH IN SWRCB ORDER NO. CAS000002, AND ANY SUBSEQUENT AMENDMENTS THERETO AND REISSUANCES THEREOF.

RESPONSIBLE PARTY: EMIL WOHL - PSIP WOHL BAY BOULEVARD, LLC

SIGNATURE OF LAND OWNER, CORPORATE OFFICE,
GENERAL PARTNER OR PROPRIETOR: _____

DATE: _____

TITLE: OWNER

PERMIT IDENTIFICATION NUMBER: WDID# X XXXXXXXX

V. LANDSCAPE NOTES:

1. ALL SLOPES 3 FEET IN VERTICAL HEIGHT AND GREATER SHALL BE PLANTED AND IRRIGATED IN ACCORDANCE WITH LANDSCAPE IMPROVEMENT PLANS CONFORMING TO THE CITY OF CHULA VISTA LANDSCAPE MANUAL (MOST RECENT EDITION), GRADING ORDINANCE NO. 1797, THE WATER CONSERVATION ORDINANCE, AND THE SAN DIEGO COUNTY HANDBOOK FOR PUBLIC WORKS CONSTRUCTION. WHENEVER SPECIAL REQUIREMENTS CONFLICT ON ANY MATTER, THE DIRECTOR OF DEVELOPMENT SERVICES OR DESIGNEE SHALL DETERMINE WHICH SPECIAL CONDITION OR CODE SHALL GOVERN. PLANS SHALL BE APPROVED BY THE DIRECTOR OF DEVELOPMENT SERVICES OR DESIGNEE PRIOR TO ISSUANCE OF APPLICABLE CONSTRUCTION AND BUILDING PERMITS.

2. FINISH GRADING AND PLANTING SHALL BE ACCOMPLISHED ON ALL SLOPES PRIOR TO OCTOBER 1 OR IMMEDIATELY UPON COMPLETION OF ANY SLOPES GRADED BETWEEN OCTOBER 1 AND APRIL 1, AS DIRECTED BY THE CITY'S DIRECTOR OF DEVELOPMENT SERVICES.

3. PRIOR TO GRADING, CONTRACTOR SHALL FIELD VERIFY EXISTING IRRIGATION SYSTEMS TO DETERMINE WHICH ARE OPERABLE. UNLESS OTHERWISE NOTED ON THESE PLANS, ALL EXISTING IRRIGATION SYSTEMS ARE TO BE PROTECTED IN PLACE AND REMAIN OPERABLE. CONTACT THE PUBLIC WORKS DEPARTMENT TWO (2) WORKING DAYS IN ADVANCE OF ANY WORK.
CITY LANDSCAPING COORDINATION CONTACTS:
PUBLIC RIGHT-OF-WAY AND OPEN SPACE – DAVE DEFACCI, SR. LANDSCAPE INSPECTOR (619-409-5432)
PARKS – HUGO MARTINEZ, PARKS MANAGER, (619-397-6145).

W. RCP STORM DRAIN BEVELING NOTES:

1. WHERE RADIUS=90 FEET TO 45 FEET, USE 8-FOOT LENGTH OF PIPE BEVELED ONE END.

2. WHERE RADIUS CURVE= 45 FEET TO 22 ½ FEET, USE 8- FOOT LENGTH OF PIPE BEVELED BOTH ENDS.

3. WHERE RADIUS CURVE=22 ½ FEET, USE 4-FOOT LENGTH OF PIPE BEVELED BOTH ENDS.

4.CONTRACTOR SHALL PROVIDE LAYOUT SHEET OF BEVELED PIPE PRIOR TO BEGINNING INSTALLATION.

X. SPECIAL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE QUANTITIES SHOWN HEREON AND BALANCING THE EARTHWORK ONSITE. IF DISCREPANCIES ARISE, THE ENGINEER OF WORK SHALL PROVIDE AREAS OF ADJUSTMENT TO THE CONTRACTOR. WHERE TRENCHES ARE WITHIN EASEMENTS, STREETS, OR 10' OF ANY BUILDING, SOILS REPORTS SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED SOILS ENGINEER WHICH INDICATE THAT THE TRENCH BACKFILL WAS COMPACTED UNDER THE OBSERVATION OF THE SOILS ENGINEER AND IN ACCORDANCE WITH THE EARTHWORK SPECIFICATIONS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE OT INSURE THAT ALL SLOPES ARE BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE IS ANY QUESTION REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE ENGINEER AT (619) 234-9411.

3. THE PALEONTOLOGICAL MONITOR SHALL BE PRESENT DURING THE GRADING OF THE PLIOCENE SAN DIEGO FORMATION (TSD) ON THE SITE. THE MONITOR SHALL HAVE THE AUTHORITY TO TEMPORARY DIRECT, DIVERT, OR HALT GRADING TO ALLOW RECOVERY OF FOSSIL REMAINS.

4. THE CONTRACTOR SHALL UNCOVER ALL UTILITIES THAT MAYBE JOINED, CROSSED, OR PARALLELED TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATION PRIOR TO ANY CONSTRUCTION. ANY CONFLICT OR DISCREPANCY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO CONSTRUCTION, OTHERWISE THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ADDITIONAL CONSTRUCTION OR RELOCATION COSTS.

5. ALL FILL AREAS, WHICH ARE FENCED, SHALL REMAIN FENCED. TEMPORARY AND/OR FINAL FENCING SHALL BE PROVIDED AS SHOWN ON THE PLANS.

6. ALL APPROVED GEOTEXTILE ENGINEERING FABRIC SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.

7. A 6" MINIMUM THICKNESS BEDDING BLANKET UNDERDRAIN BY A LAYER OF GEOTEXTILE (MIRAFI 700X OR EQUIVALENT) SHALL BE CONSTRUCTED BENEATH ALL RIP RAP. THE BEDDING BLANKET SHALL MEET THE FOLLOWING SPECIFICATIONS:

   a) FRACTION PASSING THE NO. 3/8 IN. STANDARD SIEVE SHALL BE 100% BY WEIGHT.

   b) ANY SOURCE OF ON-SITE MATERIAL DEEMED SUITABLE BY THE SOILS ENGINEER.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING, RELOCATING, AND OR REMOVAL OF EXISTING UTILITIES.

9. THE CONTRACTOR SHALL REPLACE ALL DESTROYED OR DAMAGED SURFACE IMPROVEMENTS WITH IMPROVEMENTS EQUAL OR SUPERIOR.

10. ALL CONTOURS AND ELEVATIONS SHOW HEREON REPRESENT FINISH GRADE. CONTRACTOR SHALL MAKE THE APPROPRIATE ALLOWANCES FOR PAVEMENT SUBGRADE, PAD UNDERCUT, AND UTILITY TRENCHING.

11. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL PROPOSED CHANGES TO THE PLANS MUST BE WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS AND THE CITY OF CHULA VISTA.

Y. EROSION CONTROL NOTES:

1. THE EROSION CONTROL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSPECTION AND MODIFICATION OF THE EROSION CONTROL DEVICES DURING THE RAINY SEASON. THE CONTRACTOR, PERMITTEE OR OWNER SHALL BE RESPONSIBLE FOR THE CONTINUAL MAINTENANCE OF THE EROSION CONTROL DEVICES DURING THE RAINY SEASON. IN THE EVENT O FAILURE OR REFUSAL TO PROPERLY MAINTAIN SAID DEVICES, THE CITY ENGINEER OR MITIGATION MONITOR MAY CAUSE EMERGENCY MAINTENANCE WORK TO BE DONE TO PROTECT ADJACENT PRIVATE AND PUBLIC PROPERTY, THE COST (INCLUDING AN INITIAL MOBILIZATION AMOUNT) OF WHICH SHALL BE CHARGED TO THE OWNER.

2. SEDIMENTATION BASINS MAY NOT BE REMOVED OR MADE INOPERATIVE WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER AND MITIGATION MONITOR.

3. TEMPORARY EROSION CONTROL DEVICES, WHICH INTERFERE WITH THE WORK, SHALL BE RELOCATED OR MODIFIED AS THE WORK PROGRESSES, AS RECOMMENDED BY THE ENGINEER OF WORK AND AS APPROVED BY THE CITY ENGINEER AND MITIGATION MONITOR.

4. ALL REMOVABLE PROTECTION DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT. AFTER EACH RAINSTORM EXCEEDING 1/4 INCH IN A 12-HOUR PERIOD, SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS AND DESILTING BASINS AND BASINS SHALL BE PUMPED DRY AS DEEMED NECESSARY BY THE CITY ENGINEER AND MITIGATION MONITOR.

5. EFFECTIVE PLANTING SHALL BE INSTALLED, FULLY GERMINATED, AND SHALL EFFECTIVELY COVER THE REQUIRED SLOPES PRIOR TO FINAL APPROVAL. THE PLANTING MIX SHALL BE APPROVED, BY THE DIRECTOR OF DEVELOPMENT SERVICES OR DESIGNEE, PRIOR TO INSTALLATION. SPRINKLER SYSTEMS ARE REQUIRED ON ALL SLOPES THREE FEET IN VERTICAL HEIGHT OR GREATER.

6. A 12 INCH HIGH BY 3 FEET WIDE BERM SHALL BE MAINTAINED ALONG THE TOP OF THE SLOPE OF THOSE FILLS ON WHICH GRADING IS NOT IN PROGRESS. CONCENTRATED WATER SHALL NOT BE CARRIED CLOSER THAN 10 FEET FROM THE TOP OF SLOPES.

7. SILT BASINS, TRAPS,, OR SANDBAGS SHALL BE PROVIDED AT EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM.

8. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPE, THE CONTRACTOR SHALL INSURE THAT WATER DRAINING TO THE SUMPS IS DIRECTED INTO THE INLET, AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT . PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. SANDBAGS OR DIKES.

9. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREETS DUE TO CONSTRUCTION ACTIVITY.

10. THE CONTRACTOR SHALL CHECK AND MAINTAIN LINED AND UNLINED DITCHES AFTER EACH RAINFALL.

11. **HYDROSEED NOTES** (APPLICABLE ONLY IF THERE WILL BE SLOPES THREE FEET IN VERTICAL HEIGHT OR GREATER)

   A. ALL SLOPES 3 FEET IN VERTICAL HEIGHT OR GREATER AND PADS STEEPER THAN 2% SHALL BE HYDROSEEDED WITH THE FOLLOWING IRRIGATED SEED MIX, MULCH AND BINDING AGENT:

      HYDROSEED NOT APPLICABLE TO THIS PROJECT.

   B. IRRIGATION METHODS ARE REQUIRED FOR ALL AREAS HYDROSEEDED BETWEEN MARCH 1ST AND NOVEMBER 1ST AS NEEDED. IMMEDIATELY FOLLOWING HYDROSEED APPLICATION, AND FOR A PERIOD OF TIME OF NO LESS THAN 90 DAYS, ADEQUATE SOIL MOISTURE SHALL BE MAINTAINED IN THE UPPER ONE-HALF INCH OF SOIL TO ASSURE MAXIMUM RATES OF SEED GERMINATION AND PLANT ESTABLISHMENT. IRRIGATION SHALL BE MAINTAINED BEYOND THE 90 DAYS WHEN DEEMED NECESSARY BY THE CITY OF CHULA VISTA PUBLIC WORKS OPERATIONS, OPEN SPACE SECTION.

   C. IRRIGATION SYSTEMS ARE NOT REQUIRED FOR AREAS HYDROSEEDED ON (OR WITHIN ONE WEEK OF) NOVEMBER 1ST; HOWEVER, TEMPORARY WATERING (BY HAND OR TRUCK) IS REQUIRED UNTIL PLANTING IS ESTABLISHED IF RAINFALL IS NOT PRESENT.

AS BUILT	UTILITY NOTE
_____ DATE _____ SIGNATURE _____ P.E. No. _____ Printed Name My Registration Expires _____ Discipline _____	ALL EXISTING UTILITIES SHOWN ON THESE PLANS ARE PLOTTED FROM RECORD DATA AT THEIR APPROXIMATE LOCATIONS. UNDERGROUND FACILITIES MAY EXIST WHICH HAVE NOT BEEN REPORTED OR ARE NOT OF RECORD. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL PERTINENT UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION.

"ENGINEER OF WORK"

Kimley»Horn

401 B STREET, SUITE 600
SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER — MICHAEL J. KNAPTON — No. 65627 — CIVIL — STATE OF CALIFORNIA

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd
Contractor _____					
Inspector _____					
Date Completed _____					

BENCH MARK: 2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 933+54 LS 6000 LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD; BM = 547 PER CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.
ELEVATION: 51.009' NAVD88

SCALE: Horizontal AS SHOWN; Vertical AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON Date 07/25/2022
R.C.E. No. C65627

Submitted _____ By _____
Planning: Landscape:

Approved _____ By _____
Principal Civil Engineer

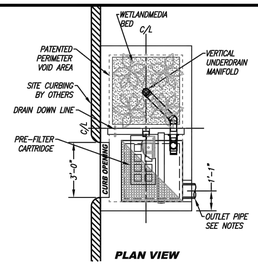
CITY OF CHULA VISTA ENGINEERING DEPARTMENT

795 H STREET
GENERAL NOTES

Drawing No. C2.0
W.O. No. XXXXXX&XXXXXX

TYPICAL MODULAR WETLANDS BIOFILTRATION SYSTEMS

SITE SPECIFIC DATA			
PROJECT NUMBER			
ORDER NUMBER			
PROJECT NAME			
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
VOLUME BASED (CF)		FLOW BASED (CFS)	
TREATMENT HGL AVAILABLE (FT)			
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2			
OUTLET PIPE			
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION			
SURFACE LOAD	PEDESTRIAN	OPEN PLANTER	PEDESTRIAN
FRAME & COVER	36" X 36"	N/A	N/A
WETLANDMEDIA VOLUME (CY)			TBD
ORIFICE SIZE (DIA. INCHES)			TBD
NOTES: PRELIMINARY NOT FOR CONSTRUCTION.			



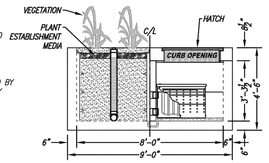
PLAN VIEW

INSTALLATION NOTES

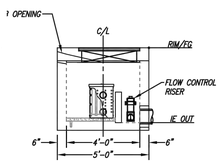
1. CONTRACTOR TO PROVIDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS REQUIRED TO OFFLOAD AND INSTALL THE SYSTEM AND APPURTENANCES IN ACCORDANCE WITH THIS DRAWING AND THE MANUFACTURERS SPECIFICATIONS, UNLESS OTHERWISE STATED IN MANUFACTURERS CONTRACT.
2. UNIT MUST BE INSTALLED ON LEVEL BASE. MANUFACTURER RECOMMENDS A MINIMUM 6" LEVEL ROCK BASE UNLESS SPECIFIED BY THE PROJECT ENGINEER. CONTRACTOR IS RESPONSIBLE TO VERIFY PROJECT ENGINEERS RECOMMENDED BASE SPECIFICATIONS.
4. CONTRACTOR TO SUPPLY AND INSTALL ALL EXTERNAL CONNECTING PIPES. ALL PIPES MUST BE FLUSH WITH INSIDE SURFACE OF CONCRETE. (PIPES CANNOT INTRUDE BEYOND FLUSH). INVERT OF OUTFLOW PIPE MUST BE FLUSH WITH DISCHARGE CHAMBER FLOOR. ALL PIPES SHALL BE SEALED WATER TIGHT PER MANUFACTURERS STANDARD CONNECTION DETAIL.
5. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL RISERS, MANHOLES, AND HATCHES. CONTRACTOR TO GROUT ALL MANHOLES AND HATCHES TO MATCH FINISHED SURFACE UNLESS SPECIFIED OTHERWISE.
6. VEGETATION SUPPLIED AND INSTALLED BY OTHERS. ALL UNITS WITH VEGETATION MUST HAVE DRIP OR SPRAY IRRIGATION SUPPLIED AND INSTALLED BY OTHERS.
7. CONTRACTOR RESPONSIBLE FOR CONTACTING BIO CLEAN FOR ACTIVATION OF UNIT. MANUFACTURERS WARRANTY IS VOID WITH OUT PROPER ACTIVATION BY A BIO CLEAN REPRESENTATIVE.

GENERAL NOTES

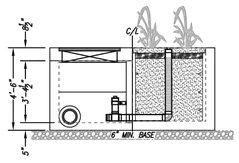
1. MANUFACTURER TO PROVIDE ALL MATERIALS UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS, ELEVATIONS, SPECIFICATIONS AND CAPACITIES ARE SUBJECT TO CHANGE. FOR PROJECT SPECIFIC DRAWINGS DETAILING EXACT DIMENSIONS, WEIGHTS AND ACCESSORIES PLEASE CONTACT BIO CLEAN.



LEFT END VIEW



ELEVATION VIEW



RIGHT END VIEW

TREATMENT FLOW (CFS)	0.115
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	2.0
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

THE PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 7,425,262; 7,470,366; 7,476,315; 8,142,516; 8,545,692; AND FOREIGN PATENTS OR OTHER PATENTS PENDING

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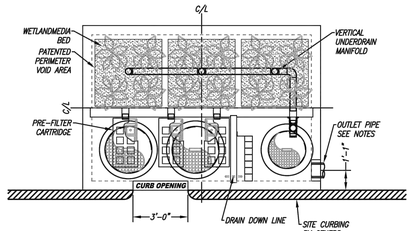
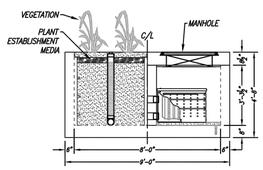
Bio Clean — A Forterra Company

MWS-L-4-8-C
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

SITE SPECIFIC DATA			
PROJECT NUMBER			
ORDER NUMBER			
PROJECT NAME			
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
VOLUME BASED (CF)		FLOW BASED (CFS)	
TREATMENT HGL AVAILABLE (FT)			
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2			
OUTLET PIPE			
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION			
SURFACE LOAD	PEDESTRIAN	OPEN PLANTER	PEDESTRIAN
FRAME & COVER	2EA #30"	N/A	#24"
WETLANDMEDIA VOLUME (CY)			TBD
ORIFICE SIZE (DIA. INCHES)			TBD
NOTES: PRELIMINARY NOT FOR CONSTRUCTION.			



PLAN VIEW



LEFT END VIEW

INSTALLATION NOTES

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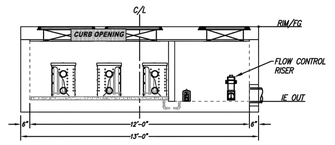
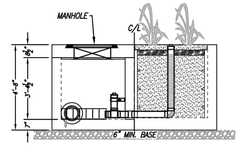


ELEVATION VIEW



RIGHT END VIEW

TREATMENT FLOW (CFS)	0.346
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	2.0
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

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Bio Clean — A Forterra Company

MWS-L-8-12-C
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

NOTE:

ALL STORM DRAIN, SEWER, AND WATER WITHIN PROPERTY BOUNDARIES ARE PRIVATE. PUBLIC UTILITIES ARE INDIVIDUALLY IDENTIFIED ON PLAN AS NOTED.

"ENGINEER OF WORK"

Kimley»Horn

401 B STREET, SUITE 600
SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER — MICHAEL J. KNAPTON — No. 65627 — CIVIL — STATE OF CALIFORNIA

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd
Contractor					
Inspector					
Date Completed					

BENCH MARK
2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 531+54 LS 6000' LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD.; RM — 247 FSD CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.
ELEVATION: 51.009' NAVD88

SCALE
Horizontal: AS SHOWN
Vertical: AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON
Date 07/25/2022
R.C.E. No. C65627

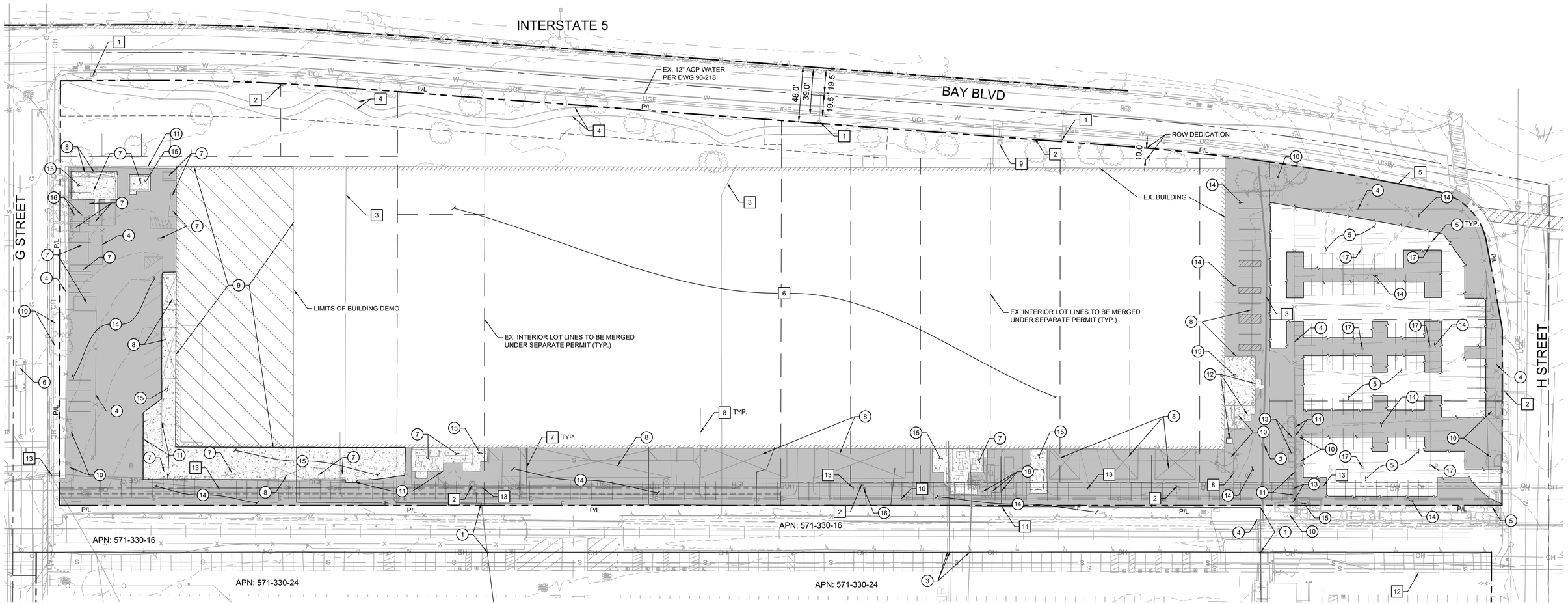
Submitted By _____ Planning: _____ Landscape: _____

Approved By _____ Principal Civil Engineer

CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
DETAILS

Drawing No. C3.0
W.O. No. XXXXXX&XXXXXX



PROTECTION NOTES

1. EXISTING STREET LIGHT
2. EXISTING FIRE HYDRANT PROTECT IN PLACE
3. EXISTING STORM DRAIN PROTECT IN PLACE
4. EXISTING MEANDERING SIDEWALK TO REMAIN
5. EXISTING RETAINING WALL TO REMAIN
6. EXISTING BUILDING TO REMAIN AND BE REMODELED
7. EXISTING PVT FIRE SERVICES PROTECT IN PLACE
8. EXISTING PVT SEWER LATERALS PROTECT IN PLACE
9. EXISTING DOMESTIC WATER SERVICE, METERS, AND BACKFLOWS PROTECT IN PLACE
10. EXISTING 18" SEWER LINE TO REMAIN
11. EXISTING 10" PVT FIRE WATER MAIN TO REMAIN
12. EXISTING 78" SEWER INTERCEPTOR MAIN TO REMAIN
13. EXISTING POWER POLE TO REMAIN

DEMOLITION NOTES

1. ABANDON PVT. FIREWATER. SLURRY IN PLACE.
2. EXISTING GRATE INLET TO BE REMOVED.
3. ABANDON DRY UTILITIES AT P/L.
4. DEMO AND REMOVE EXISTING FENCE.
5. DEMO AND REMOVE EXISTING STRIPING.
6. DEMO AND REMOVE EXISTING GUARD SHACK AND ASSOCIATED IMPROVEMENTS.
7. DEMO AND REMOVE EXISTING AUXILIARY BUILDINGS AND MISC. STRUCTURES.
8. DEMO AND REMOVE EXISTING CANOPY.
9. PARTIAL DEMOLITION AND REMOVAL OF EXISTING MAIN BUILDING. SEE ARCHITECTURAL PLANS.
10. DEMO AND REMOVE EXISTING LANDSCAPE.
11. DEMO AND REMOVE EXISTING WALL.
12. DEMO AND REMOVE EXISTING STAIRS.
13. DEMO AND REMOVE EXISTING CURB.
14. DEMO AND REMOVE EXISTING ASPHALT PAVEMENT.
15. DEMO AND REMOVE EXISTING CONCRETE PAVEMENT.
16. DEMO AND REMOVE EXISTING POSTS AND BOLLARDS.
17. DEMO AND REMOVE EXISTING SITE LIGHT.

LEGEND

- PROPERTY BOUNDARY
- CENTER LINE
- EXISTING EASEMENTS
- PROPOSED ROW DEDICATION
- ASPHALT PAVEMENT REMOVAL
- BUILDING REMOVAL
- CONCRETE PAVEMENT REMOVAL

"ENGINEER OF WORK"

Kimley»Horn

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SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER * MICHAEL J. KNAPTON * No. 65627 CIVIL * STATE OF CALIFORNIA *

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK
Contractor						2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTOS CONTROL 533+54 A 60'W L LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD." BM = 54.1 FEET CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006. ELEVATION: 51.009' NAVD88
Inspector						
Date Completed						

SCALE
Horizontal
AS SHOWN
Vertical
AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON
Date 07/25/2022
R.C.E. No. C65627

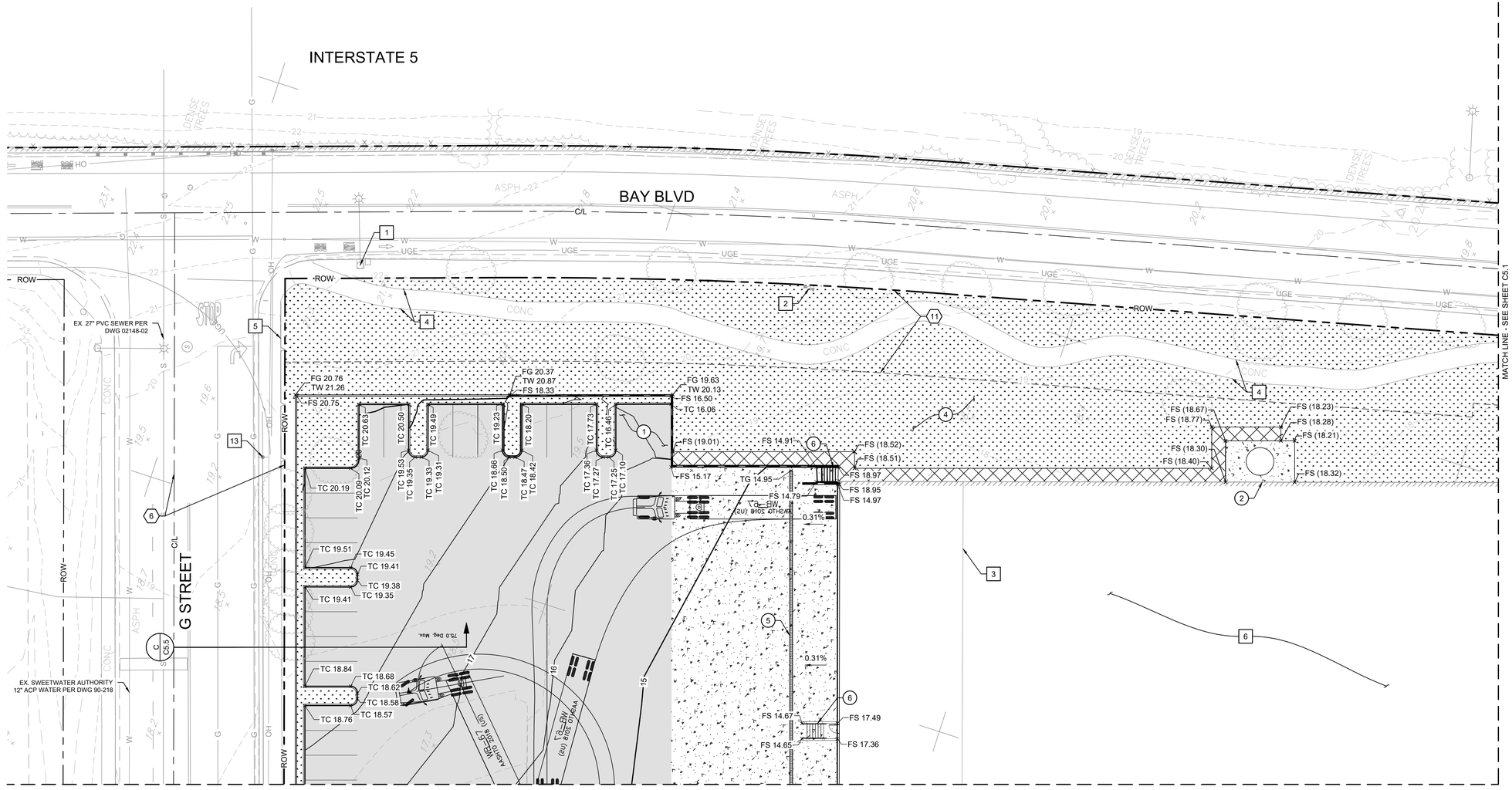
Submitted
By
Planning: Landscape:

Approved
By
Principal Civil Engineer

CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
DEMOLITION PLAN

Drawing No. C4.0
W.O. No. XXXXXX&XXXXXX



LEGEND

	PROPERTY LINE
	CENTER LINE
	EASEMENT OR SETBACK LINE
	LIMIT OF GRADING
	CIVIL LIMIT OF WORK LINE
FS 16.30	PROPOSED SPOT GRADE
FS (18.82)	EXISTING SPOT GRADE
2.00%	PROPOSED FLOW (DIRECTION AND SLOPE)

HATCH LEGEND

	HEAVY DUTY ASPHALT PAVEMENT (5" AC/17" AB)
	HEAVY DUTY CONCRETE PAVEMENT (7" PCC/6" AB)
	CONCRETE SIDEWALK
	LANDSCAPE

EXISTING EASEMENTS

(6) AN EASEMENT FOR PUBLIC STREETS AND RIGHTS INCIDENTAL THERETO IN FAVOR OF THE CITY OF CHULA VISTA AS SET FORTH IN A DOCUMENT RECORDED AS BOOK 1073, PAGE 468 OF DEEDS.

(11) EASEMENT(S) GRANTED TO THE CITY OF CHULA VISTA FOR PUBLIC SIDEWALKS AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT RECORDED SEPTEMBER 17, 1990 AS RECORDING NO: 90-0505815 OF O.R.

CONSTRUCTION NOTES

(1) TRASH ENCLOSURE PER SEPARATE ARCHITECTURAL PLANS

(2) PROPOSED SLAB DE-PRESSURIZATION SYSTEM TANK

(4) PROPOSED LANDSCAPING PER SEPARATE LANDSCAPE PLANS

(5) PROPOSED NDS FILCOTEN TRENCH DRAINS OR APPROVED EQUAL

(6) PROPOSED STAIRS PER SEPARATE ARCHITECTURAL PLANS

PROTECTION NOTES

[1] EXISTING STREET LIGHT

[2] EXISTING FIRE HYDRANT PROTECT IN PLACE

[3] EXISTING STORM DRAIN PROTECT IN PLACE

[4] EXISTING MEANDERING SIDEWALK TO REMAIN

[5] EXISTING RETAINING WALL TO REMAIN

[6] EXISTING BUILDING TO REMAIN

[13] EXISTING POWER POLE TO REMAIN

NOTES

1. FOR 6" CURB, TOP OF PAVEMENT (TP) = TOP OF CURB (TC) -0.5' UNLESS OTHERWISE NOTED.
2. FOR 6" CURB AND GUTTER, FLOW LINE (FL) = TOP OF CURB (TC) -0.5', UNLESS OTHERWISE NOTED.
3. ALL STORM DRAIN PIPE SHALL BE HDPE N-12 SOIL TIGHT PIPE BY A.D.S. OR APPROVED EQUAL UNLESS OTHERWISE SHOWN.
4. ALL STORM DRAIN FITTINGS SHALL BE DUAL WALL AND SOIL TIGHT.
5. TOP OF WALL (TW) = TOP OF RETAINED HEIGHT. DOES NOT INCLUDE PARAPET HEIGHT.
6. REFERENCE SHEET C6.0 FOR STORM DRAIN PROFILES.
7. RETAINING WALLS TO BE DESIGNED AND PERMITTED PER SEPARATE BUILDING PLAN AND PERMIT.
8. WATER, FIRE, AND SEWER ARE SHOWN FOR REFERENCE ONLY. REFER TO SEPARATE BUILDING PERMIT PLANS FOR FURTHER INFORMATION.
9. REFER TO SEPARATE BUILDING PERMIT PLANS FOR SITE IMPROVEMENTS AND HORIZONTAL CONTROL PLAN.

"ENGINEER OF WORK"

Kimley»Horn

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SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER
MICHAEL J. KNAPTON
No. 65627
CIVIL
STATE OF CALIFORNIA

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd
Contractor					
Inspector					
Date Completed					

BENCH MARK
2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533+54 LS 6000" LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD., BM = 349' PER CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.
ELEVATION: 51.009' NAVD88

SCALE
Horizontal AS SHOWN
Vertical AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON
Date 07/20/2022
R.C.E. No. C65627

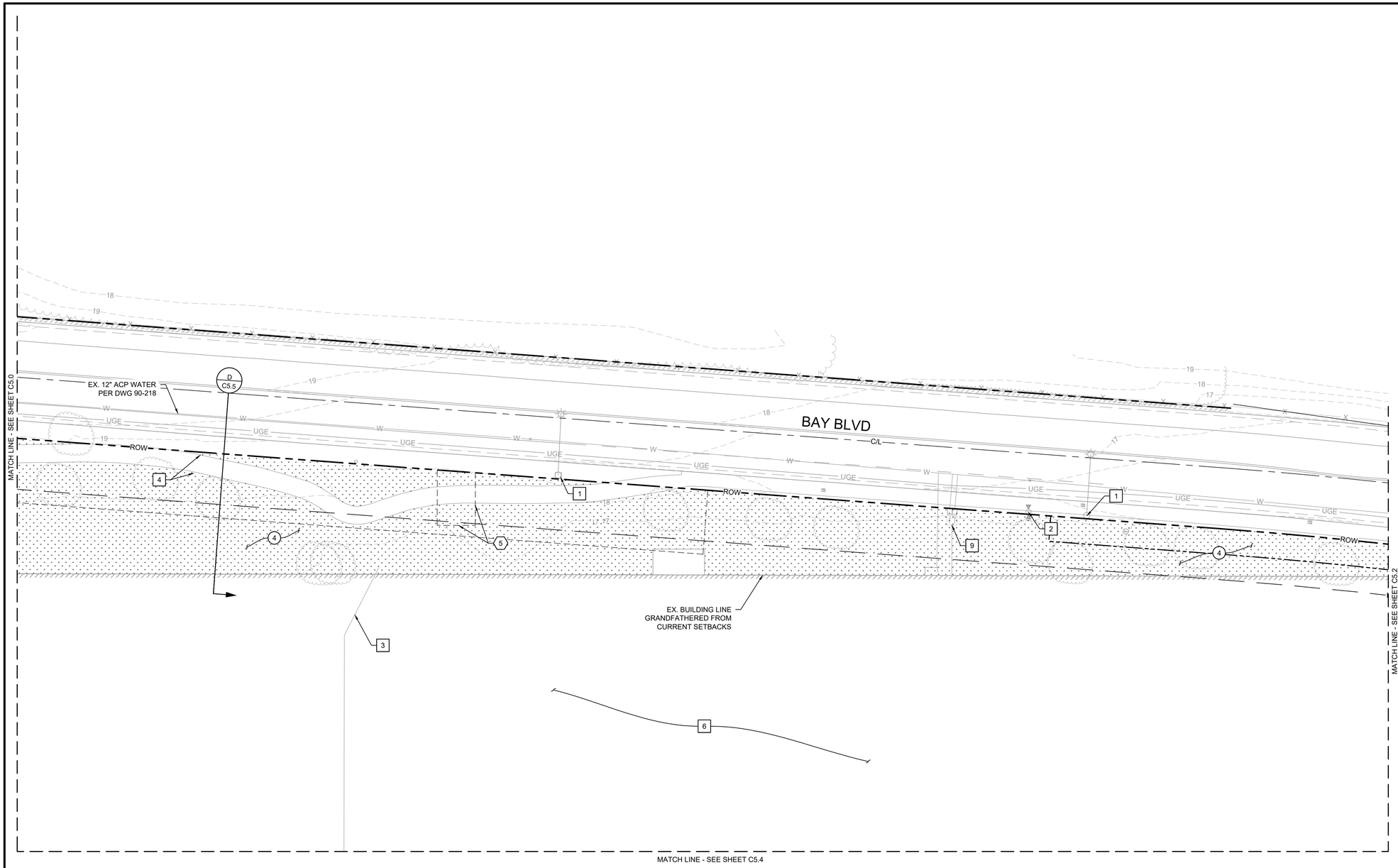
Submitted
By
Planning: Landscape:

Approved
By
Principal Civil Engineer

CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
GRADING AND DRAINAGE PLAN

Drawing No. C5.0
W.O. No. XXXXXX&XXXXXX



LEGEND

- PROPERTY LINE
- CENTER LINE
- EASEMENT OR SETBACK LINE
- LIMIT OF GRADING
- CIVIL LIMIT OF WORK LINE
- FS 16.30 — PROPOSED SPOT GRADE
- FS (18.82) — EXISTING SPOT GRADE
- 2.00% — PROPOSED FLOW (DIRECTION AND SLOPE)

HATCH LEGEND

- LANDSCAPE

EXISTING EASEMENTS

(5) AN EASEMENT FOR LAYING DOWN AND MAINTAINING PIPE LINES, AND MAINTAINING, WHEN NECESSARY, PUMPING PLANTS AND RIGHTS INCIDENTAL THERETO IN FAVOR OF SWEETWATER WATER COMPANY AS SET FORTH IN A DOCUMENT RECORDED JUNE 12, 1917 AS BOOK 17, PAGE 330 OF DEEDS.

CONSTRUCTION NOTES

(4) PROPOSED LANDSCAPING PER SEPARATE LANDSCAPE PLANS

PROTECTION NOTES

[1] EXISTING STREET LIGHT

[2] EXISTING FIRE HYDRANT PROTECT IN PLACE

[3] EXISTING STORM DRAIN PROTECT IN PLACE

[4] EXISTING MEANDERING SIDEWALK TO REMAIN

[6] EXISTING BUILDING TO REMAIN

[9] EXISTING DOMESTIC WATER SERVICE, METERS, AND BACKFLOWS PROTECT IN PLACE

NOTES

1. FOR 6" CURB, TOP OF PAVEMENT (TP) = TOP OF CURB (TC) -0.5' UNLESS OTHERWISE NOTED.
2. FOR 6" CURB AND GUTTER, FLOW LINE (FL) = TOP OF CURB (TC) -0.5', UNLESS OTHERWISE NOTED.
3. ALL STORM DRAIN PIPE SHALL BE HDPE N-12 SOIL TIGHT PIPE BY A.D.S. OR APPROVED EQUAL UNLESS OTHERWISE SHOWN.
4. ALL STORM DRAIN FITTINGS SHALL BE DUAL WALL AND SOIL TIGHT.
5. TOP OF WALL (TW) = TOP OF RETAINED HEIGHT. DOES NOT INCLUDE PARAPET HEIGHT.
6. REFERENCE SHEET C6.0 FOR STORM DRAIN PROFILES.
7. RETAINING WALLS TO BE DESIGNED AND PERMITTED PER SEPARATE BUILDING PLAN AND PERMIT.
8. WATER, FIRE, AND SEWER ARE SHOWN FOR REFERENCE ONLY. REFER TO SEPARATE BUILDING PERMIT PLANS FOR FURTHER INFORMATION.
9. REFER TO SEPARATE BUILDING PERMIT PLANS FOR SITE IMPROVEMENTS AND HORIZONTAL CONTROL PLAN.

"ENGINEER OF WORK"

Kimley»Horn

401 B STREET, SUITE 600
SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER * MICHAEL J. KNAPTON * No. 65627 CIVIL * STATE OF CALIFORNIA *

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE
Contractor						2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533+54 LS 6000" LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD. BM – 147 PER CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.	Horizontal AS SHOWN
Inspector							Vertical AS SHOWN
Date Completed						ELEVATION: 51.009' NAVD88	

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON
Date 07/19/2022
R.C.E. No. C65627

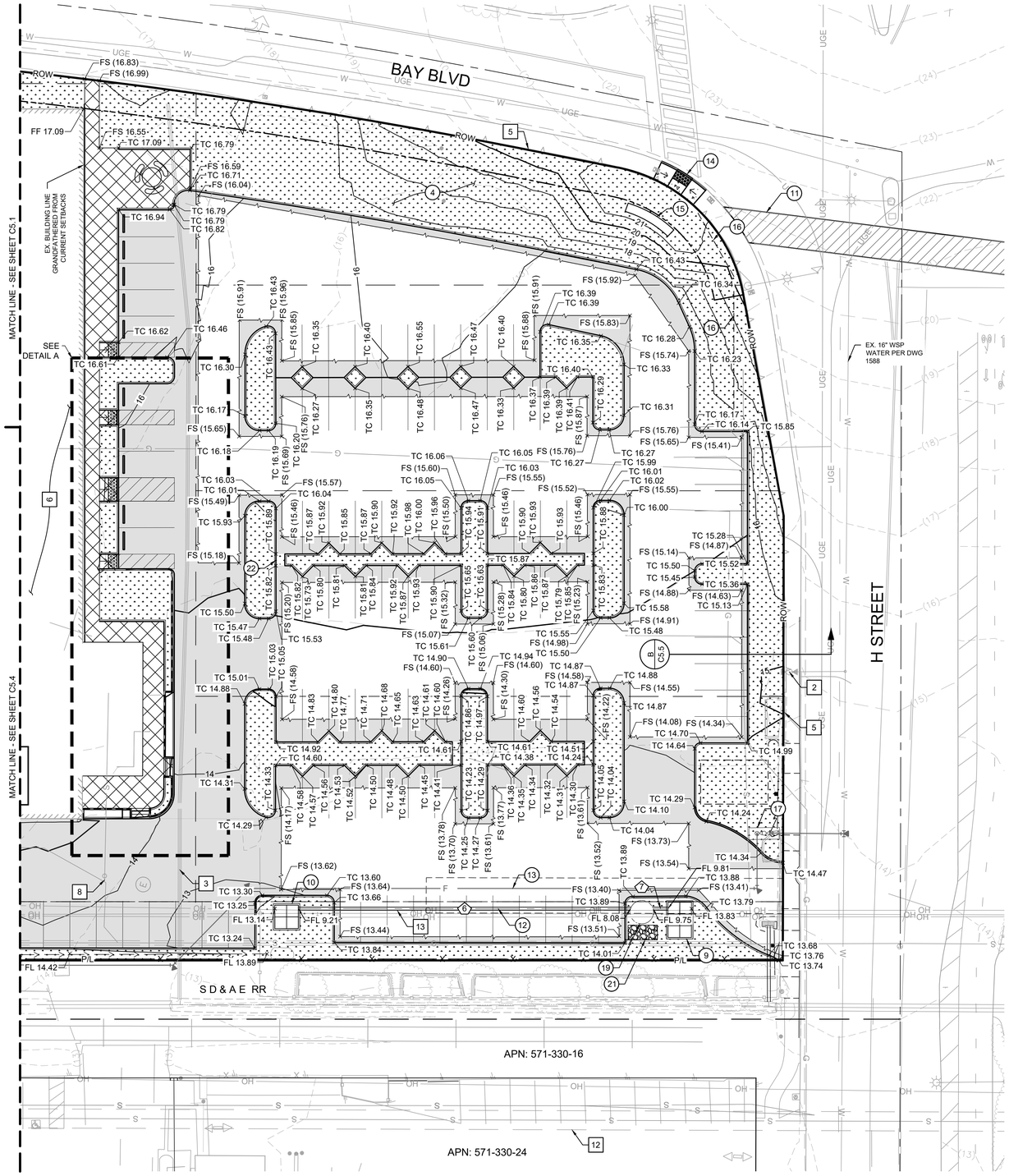
Submitted By
Planning: Landscape:

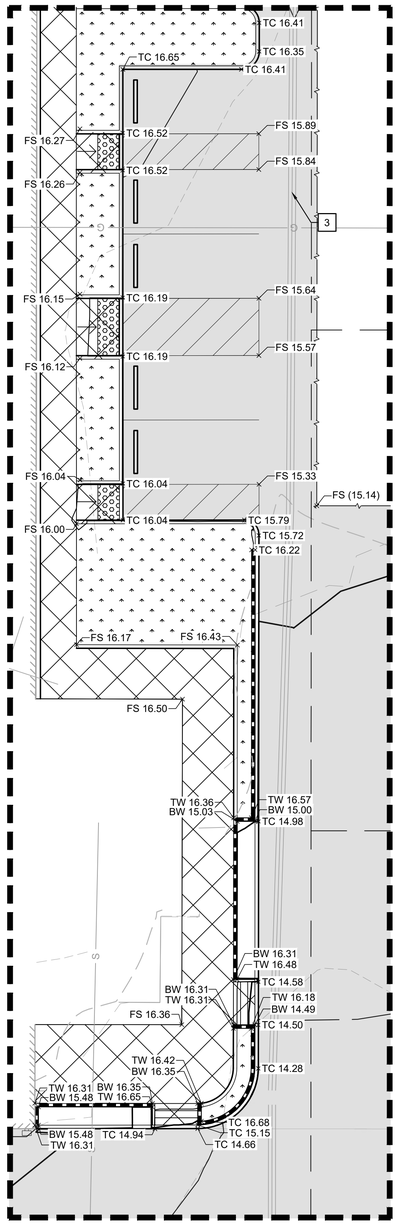
Approved By
Principal Civil Engineer

CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
GRADING AND DRAINAGE PLAN

Drawing No. C5.1
W.O. No. XXXXX&XXXXXX





NOTES

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2. FOR 6" CURB AND GUTTER, FLOW LINE (FL) = TOP OF CURB (TC) -0.5', UNLESS OTHERWISE NOTED.
3. ALL STORM DRAIN PIPE SHALL BE HDPE N-12 SOIL TIGHT PIPE BY A.D.S. OR APPROVED EQUAL UNLESS OTHERWISE SHOWN.
4. ALL STORM DRAIN FITTINGS SHALL BE DUAL WALL AND SOIL TIGHT.
5. TOP OF WALL (TW) = TOP OF RETAINED HEIGHT. DOES NOT INCLUDE PARAPET HEIGHT.
6. REFERENCE SHEET C6.0 FOR STORM DRAIN PROFILES.
7. RETAINING WALLS TO BE DESIGNED AND PERMITTED PER SEPARATE BUILDING PLAN AND PERMIT.
8. WATER, FIRE, AND SEWER ARE SHOWN FOR REFERENCE ONLY. REFER TO SEPARATE BUILDING PERMIT PLANS FOR FURTHER INFORMATION.
9. REFER TO SEPARATE BUILDING PERMIT PLANS FOR SITE IMPROVEMENTS AND HORIZONTAL CONTROL PLAN.

STORM PIPE TABLE				
XX	BEARING	LENGTH	SIZE	Slope
6	S17° 55' 00"E	113.12	10" HDPE	1.00%
7	S17° 55' 00"E	5.11	12" HDPE	1.00%

LEGEND

- PROPERTY LINE
- CENTER LINE
- EASEMENT OR SETBACK LINE
- LIMIT OF GRADING
- CIVIL LIMIT OF WORK LINE
- FLOWLINE
- FS 16.30 — PROPOSED SPOT GRADE
- FS (18.82) — EXISTING SPOT GRADE
- 2.00% — PROPOSED FLOW (DIRECTION AND SLOPE)

HATCH LEGEND

- HEAVY DUTY ASPHALT PAVEMENT (5" AC/17" AB)
- HEAVY DUTY CONCRETE PAVEMENT (7" PCC/6" AB)
- CONCRETE SIDEWALK
- LANDSCAPE

CONSTRUCTION NOTES

(4) PROPOSED LANDSCAPING PER SEPARATE LANDSCAPE PLANS

(9) PROPOSED MWS L-8-12 GRATE INLET PER BIOCLEAN STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS

(10) PROPOSED MWS L-8-8 GRATE INLET PER BIOCLEAN STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS

(11) PROPOSED LADDER STRIPING PER CITY DETAIL TRF-11

(12) PROPOSED STORM DRAIN. SIZE AND MATERIAL PER PLAN

(13) PROPOSED PRIVATE 10" FIRE WATER LINE FOR REFERENCE ONLY PER SEPARATE PERMIT

(14) PROPOSED CURB RAMP PER CITY DETAIL GSI-08

(15) PROPOSED MONUMENT SIGN PER SEPARATE ARCHITECTURAL PLANS

(16) PROPOSED SUBDRAIN FOR RETAINING WALL WEEPHOLES PER SEPARATE BUILDING PLANS

(17) PROPOSED 10" REDUCED PRESSURE DETECTOR ASSEMBLY PER SEPARATE BUILDING PLANS

(19) PROPOSED ROMTEC PUMP. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS

(21) PROPOSED PVT NO. 2 BACKING RIP RAP ENERGY DISSIPATOR, T=1.1' OVER 1/4" FILTER FABRIC PER SDRSD D-40

(22) PROPOSED 1' CURB CUT

PROTECTION NOTES

[2] EXISTING FIRE HYDRANT PROTECT IN PLACE

[3] EXISTING STORM DRAIN PROTECT IN PLACE

[5] EXISTING RETAINING WALL TO REMAIN

[6] EXISTING BUILDING TO REMAIN

[8] EXISTING PVT SEWER LATERALS PROTECT IN PLACE

[12] EXISTING 78" SEWER INTERCEPTOR MAIN TO REMAIN

[13] EXISTING POWER POLE TO REMAIN

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REGISTERED PROFESSIONAL ENGINEER — MICHAEL J. KNAPTON — No. 65627 — CIVIL — STATE OF CALIFORNIA

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

ACCELA NO.: XXXX-XXXX XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd
Contractor					
Inspector					
Date Completed					

BENCH MARK
2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 531+54 LS 6000" LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD; BM = 142' FSD CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.
ELEVATION: 51.009' NAVD88

SCALE: Horizontal AS SHOWN; Vertical AS SHOWN

Designed By: MJK | Drawn By: TNK | Checked By: XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON
Date 07/20/2022
R.C.E. No. C65627

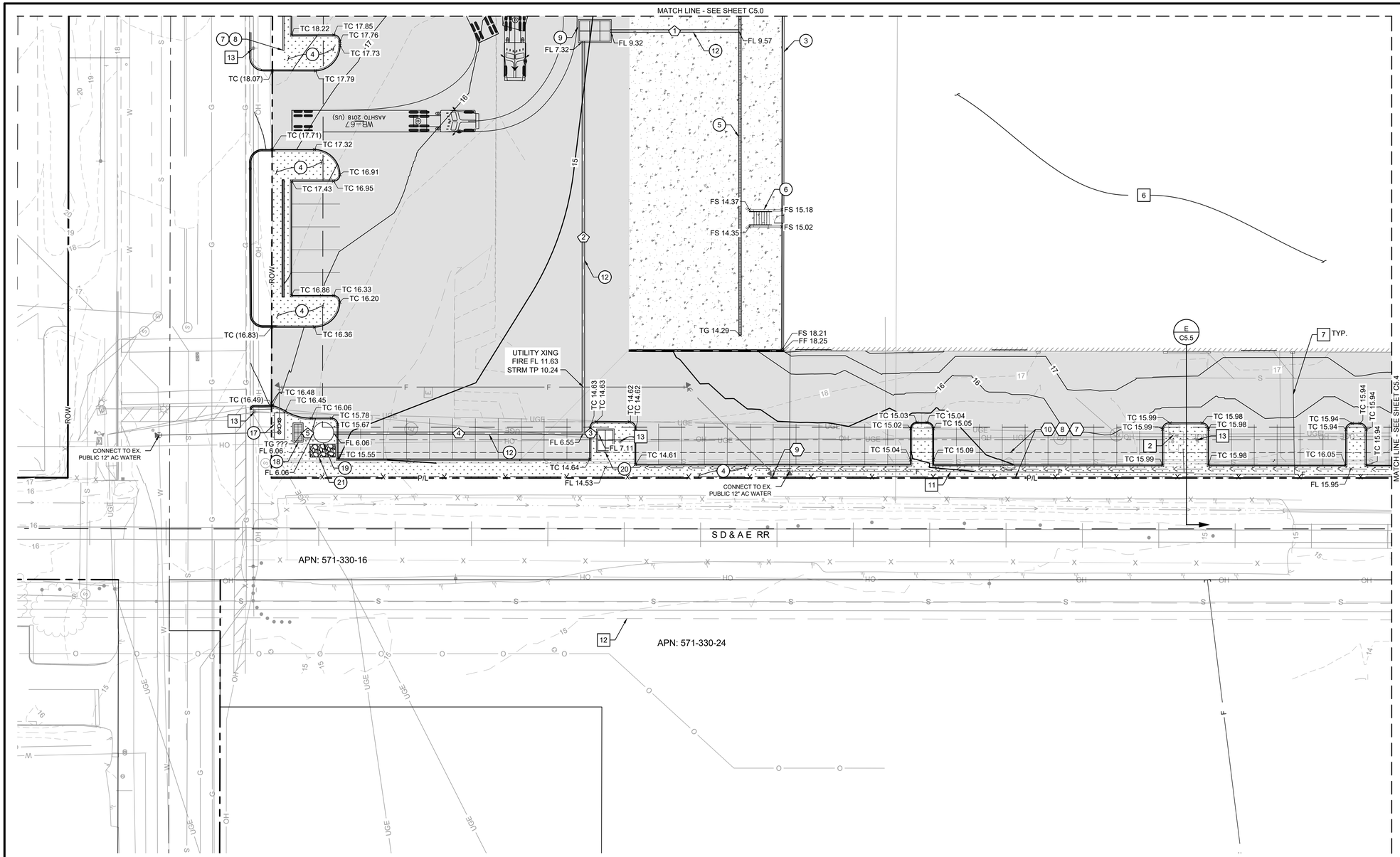
Submitted By
Planning: | Landscape:

Approved By
Principal Civil Engineer

CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
GRADING AND DRAINAGE PLAN

Drawing No. C5.2
W.O. No. XXXXXX&XXXXXX



LEGEND

- PROPERTY LINE
- CENTER LINE
- EASEMENT OR SETBACK LINE
- LIMIT OF GRADING
- CIVIL LIMIT OF WORK LINE
- FLOWLINE
- FS 16.30 — PROPOSED SPOT GRADE
- FS (18.82) — EXISTING SPOT GRADE
- 2.00% — PROPOSED FLOW (DIRECTION AND SLOPE)

HATCH LEGEND

- HEAVY DUTY ASPHALT PAVEMENT (5" AC/17" AB)
- HEAVY DUTY CONCRETE PAVEMENT (7" PCC/6" AB)
- LANDSCAPE

EXISTING EASEMENTS

(7) AN EASEMENT FOR PUBLIC UTILITIES, INGRESS, AND EGRESS AND RIGHTS INCIDENTAL THERETO IN FAVOR OF SAN DIEGO GAS AND ELECTRIC COMPANY AS SET FORTH IN A DOCUMENT RECORDED AUGUST 28, 1947 AS BOOK 2483, PAGE 98, OF O.R.

(8) AN EASEMENT FOR CONSTRUCTION AND MAINTENANCE OF A SANITARY SEWER AND APPURTENANT STRUCTURES AND RIGHTS INCIDENTAL THERETO IN FAVOR OF THE CITY OF CHULA VISTA AS SET FORTH IN A DOCUMENT RECORDED AUGUST 03, 1948 AS BOOK2897, PAGE 87 OF O.R.

(9) AN EASEMENT FOR PUBLIC UTILITIES, INGRESS, AND EGRESS AND RIGHTS INCIDENTAL THERETO IN FAVOR OF SAN DIEGO GAS AND ELECTRIC COMPANY AS SET FORTH IN A DOCUMENT RECORDED AUGUST 28, 1947 AS RECORDING NO. 90290 IN BOOK 2483, PAGE 94, OF O.R.

(10) AN EASEMENT FOR THE RIGHT TO EXCAVATE, CONSTRUCT, RECONSTRUCT, OPERATE, CLEAN, MAINTAIN AND USE A SANITARY SEWER AND APPURTENANT STRUCTURES AND RIGHTS INCIDENTAL THERETO IN FAVOR OF THE CITY OF CHULA VISTA AS SET FORTH IN A DOCUMENT RECORDED AUGUST 03, 1948 AS RECORDING NO. 76595 IN BOOK 2897, PAGE 21 OF O.R.

CONSTRUCTION NOTES

(3) PROPOSED LOADING DOCK PER SEPARATE ARCHITECTURAL PLANS

(4) PROPOSED LANDSCAPING PER SEPARATE LANDSCAPE PLANS

(5) PROPOSED NDS FILCOTEN TRENCH DRAINS OR APPROVED EQUAL

(6) PROPOSED STAIRS PER SEPARATE ARCHITECTURAL PLANS

(7) PROPOSED FENCE PER SEPARATE ARCHITECTUREAL PLANS

(8) PROPOSED GATE PER SEPARATE ARCHITECTURAL PLANS

(9) PROPOSED MWS L-8-12 GRATE INLET PER BIOCLEAN STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS

(12) PROPOSED STORM DRAIN. SIZE PER PLAN

(17) PROPOSED 10" REDUCED PRESSURE DETECTOR ASSEMBLY PER SEPARATE BUILDING PLANS

(18) PROPOSED GRATE INLET PER SDRSD G-13 AND G-15.

(19) PROPOSED ROMTEC PUMP. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS

(20) PROPOSED MWS L-6-8 GRATE INLET PER BIOCLEAN STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS

(21) PROPOSED PVT NO. 2 BACKING RIP RAP ENERGY DISSIPATOR, T=1.1' OVER 1/4" FILTER FABRIC PER SDRSD D-40

NOTES

1. FOR 6" CURB, TOP OF PAVEMENT (TP) = TOP OF CURB (TC) -0.5' UNLESS OTHERWISE NOTED.
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5. TOP OF WALL (TW) = TOP OF RETAINED HEIGHT. DOES NOT INCLUDE PARAPET HEIGHT.
6. REFERENCE SHEET C6.0 FOR STORM DRAIN PROFILES.
7. RETAINING WALLS TO BE DESIGNED AND PERMITTED PER SEPARATE BUILDING PLAN AND PERMIT.
8. WATER, FIRE, AND SEWER ARE SHOWN FOR REFERENCE ONLY. REFER TO SEPARATE BUILDING PERMIT PLANS FOR FURTHER INFORMATION.
9. REFER TO SEPARATE BUILDING PERMIT PLANS FOR SITE IMPROVEMENTS AND HORIZONTAL CONTROL PLAN.

STORM PIPE TABLE

⟨X⟩	BEARING	LENGTH	SIZE	Slope
1	N17° 54' 59"W	50.51	42" HDPE	0.50%
2	S72° 04' 47"W	154.09	42" HDPE	0.50%
3	S17° 55' 01"E	5.64	8" HDPE	10.00%
4	S17° 55' 01"E	98.09	42" HDPE	0.50%
5	S17° 55' 01"E	4.51	12" HDPE	0.00%

PROTECTION NOTES

(2) EXISTING FIRE HYDRANT PROTECT IN PLACE

(6) EXISTING BUILDING TO REMAIN

(7) EXISTING PVT FIRE SERVICES PROTECT IN PLACE

(11) EXISTING 10" PVT FIRE WATER MAIN TO REMAIN

(12) EXISTING 78" SEWER INTERCEPTOR MAIN TO REMAIN

(13) EXISTING POWER POLE TO REMAIN

"ENGINEER OF WORK"
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SAN DIEGO, CA 92101
(619) 234-9411

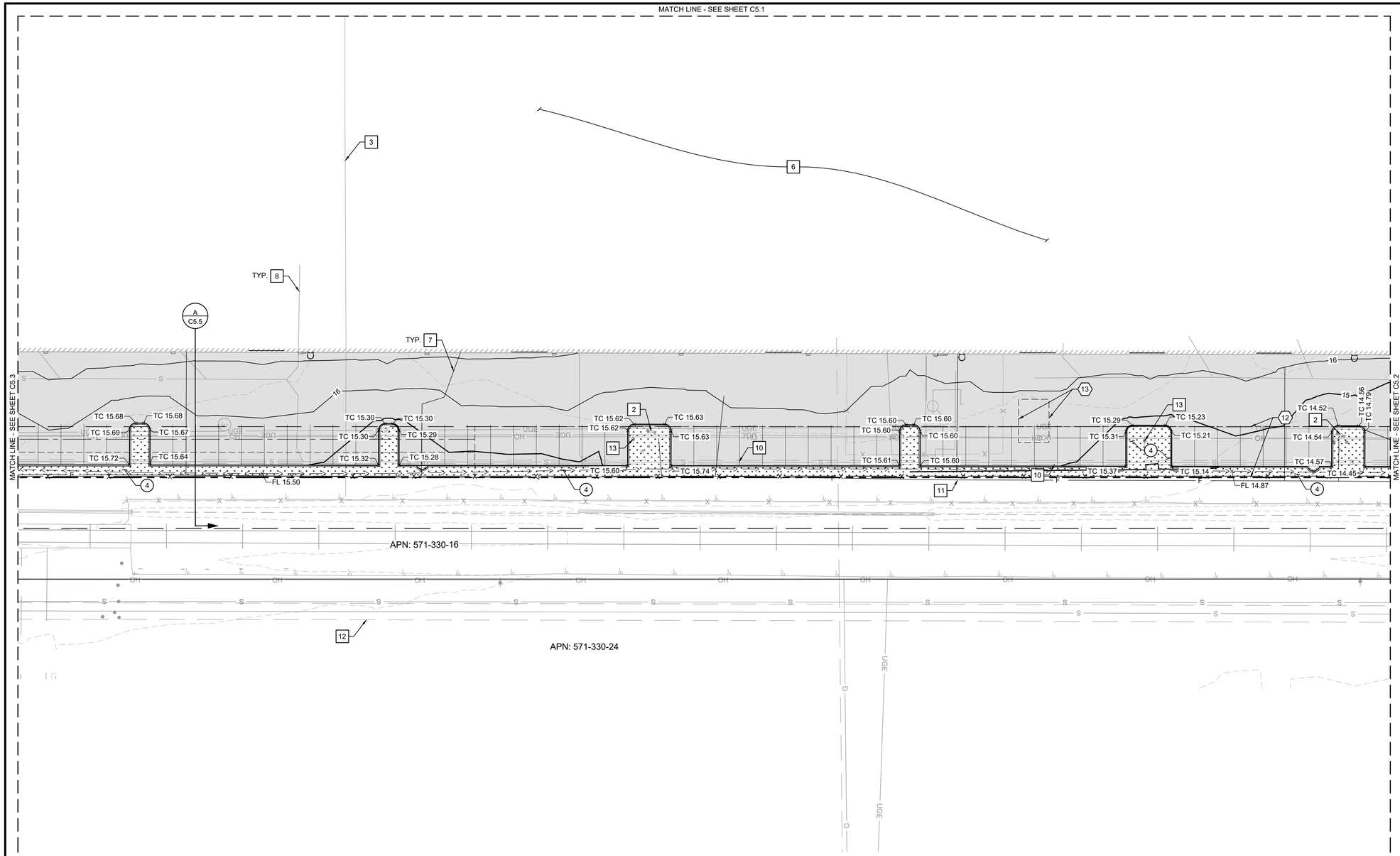
REGISTERED PROFESSIONAL ENGINEER * MICHAEL J. KNAPTON No. 65627 CIVIL * STATE OF CALIFORNIA

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

ACCELA NO.: XXXX-XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE	Designed By	Drawn By	Checked By	Submitted	Approved	CITY OF CHULA VISTA	ENGINEERING DEPARTMENT	Drawing No.
Contractor						2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533+54 LS 6000' LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD. PM – 347 PER CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006. ELEVATION: 51.009' NAVD88	Horizontal AS SHOWN	MJK	TNK	XX	By	By	795 H STREET		C5.3
Inspector							Vertical AS SHOWN	Plans Prepared Under Supervision Of MICHAEL KNAPTON	Date 07/20/2022 R.C.E. No. C65627		Planning:	Principal Civil Engineer	GRADING AND DRAINAGE PLAN		W.O. No. XXXXX&XXXXX
Date Completed											Landscape:				



LEGEND

- PROPERTY LINE
- CENTER LINE
- EASEMENT OR SETBACK LINE
- LIMIT OF GRADING
- CIVIL LIMIT OF WORK LINE
- FLOWLINE
- FS 16.30 — PROPOSED SPOT GRADE
- FS (18.82) — EXISTING SPOT GRADE
- 2.00% — PROPOSED FLOW (DIRECTION AND SLOPE)

HATCH LEGEND

- HEAVY DUTY ASPHALT PAVEMENT (5" AC/17" AB)
- LANDSCAPE

EXISTING EASEMENTS

(12) AN EASEMENT FOR PUBLIC UTILITIES, INGRESS, AND EGRESS AND RIGHTS INCIDENTAL THERETO IN FAVOR OF SAN DIEGO GAS AND ELECTRIC COMPANY AS SET FORTH IN A DOCUMENT RECORDED MAY 25, 1956 AS RECORDING NO. 73158, IN BOOK 6116, PAGE 71, OF O.R.

(13) AN EASEMENT FOR PUBLIC UTILITIES, INGRESS, AND EGRESS AND RIGHTS INCIDENTAL THERETO IN FAVOR OF SAN DIEGO GAS AND ELECTRIC COMPANY AS SET FORTH IN A DOCUMENT RECORDED OCTOBER 05, 1956 AS RECORDING NO. 140405 IN BOOK 6286, PAGE 543, OF O.R.

CONSTRUCTION NOTES

(4) PROPOSED LANDSCAPING PER SEPARATE LANDSCAPE PLANS

PROTECTION NOTES

2 EXISTING FIRE HYDRANT PROTECT IN PLACE

3 EXISTING STORM DRAIN PROTECT IN PLACE

6 EXISTING BUILDING TO REMAIN

7 EXISTING PVT FIRE SERVICES PROTECT IN PLACE

8 EXISTING PVT SEWER LATERALS PROTECT IN PLACE

10 EXISTING 18" SEWER LINE TO REMAIN

11 EXISTING 10" PVT FIRE WATER MAIN TO REMAIN

12 EXISTING 78" SEWER INTERCEPTOR MAIN TO REMAIN

13 EXISTING POWER POLE TO REMAIN

NOTES

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6. REFERENCE SHEET C6.0 FOR STORM DRAIN PROFILES.
7. RETAINING WALLS TO BE DESIGNED AND PERMITTED PER SEPARATE BUILDING PLAN AND PERMIT.
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"ENGINEER OF WORK"

Kimley»Horn

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(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER — MICHAEL J. KNAPTON — No. 65627 — CIVIL — STATE OF CALIFORNIA

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE
Contractor						2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533+54.15 6000' LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD. RM 427 PER SITE OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006. ELEVATION: 51.009' NAVD88	Horizontal AS SHOWN
Inspector							Vertical AS SHOWN
Date Completed							

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON — Date 07/20/2022 — R.C.E. No. C65627

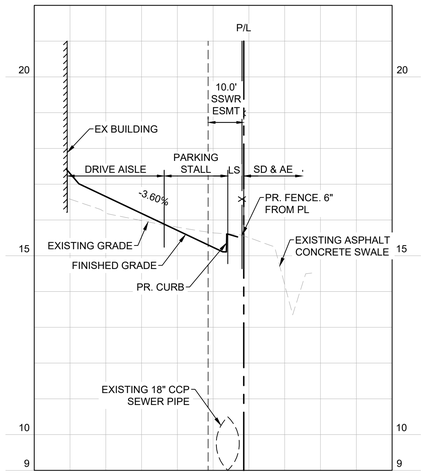
Submitted By — Planning: — Landscape:

Approved By — Principal Civil Engineer

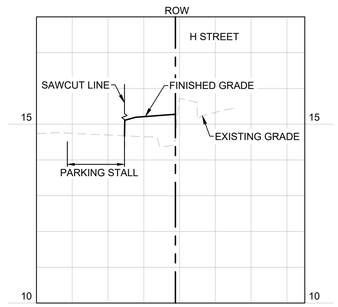
CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
GRADING AND DRAINAGE PLAN

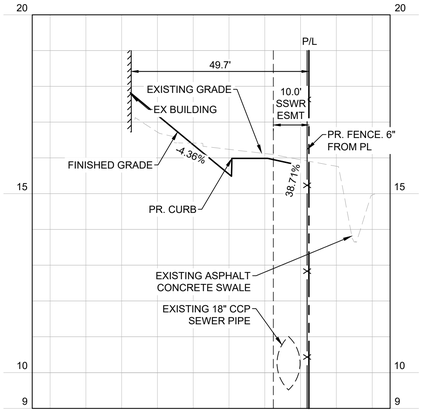
Drawing No. C5.4
W.O. No. XXXXXX&XXXXXX



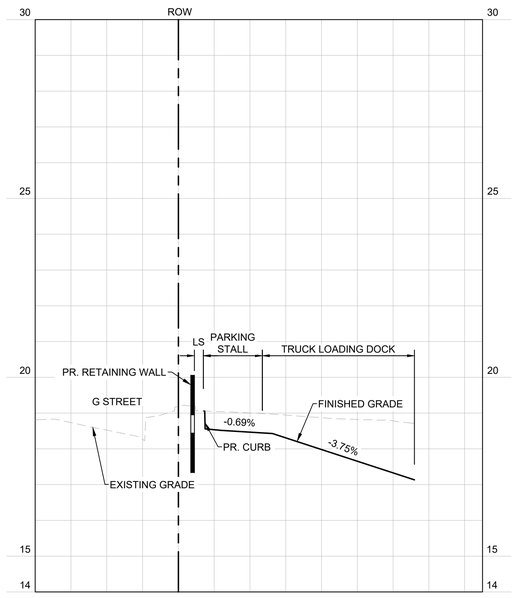
PROFILE: SECTION A
SCALE: HORZ.1"=20, VERT. 1"=10



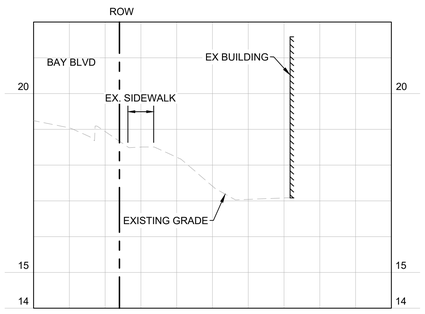
PROFILE: SECTION B
SCALE: HORZ.1"=20, VERT. 1"=10



PROFILE: SECTION E
SCALE: HORZ.1"=20, VERT. 1"=10



PROFILE: SECTION C
SCALE: HORZ.1"=20, VERT. 1"=10



PROFILE: SECTION D
SCALE: HORZ.1"=20, VERT. 1"=10

"ENGINEER OF WORK"

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SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER
MICHAEL J. KNAPTON
No. 65627
CIVIL
STATE OF CALIFORNIA

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd	BENCH MARK	SCALE
Contractor						2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533+54 LS 6000' LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD. PM – 347 PER CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.	Horizontal AS SHOWN
Inspector							
Date Completed						ELEVATION: 51.009' NAVD88	Vertical AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON Date 07/20/2022
R.C.E. No. C65627

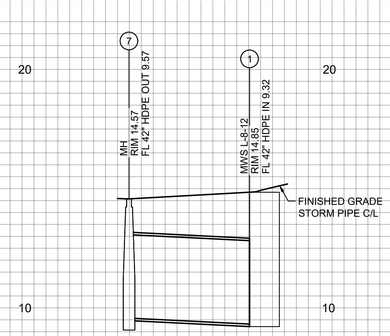
Submitted ____ By ____
Planning: Landscape:

Approved ____ By ____
Principal Civil Engineer

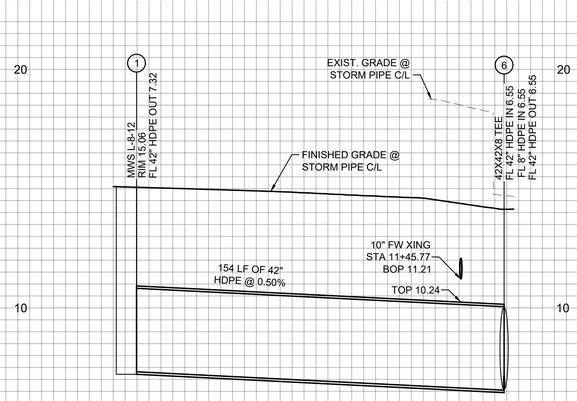
CITY OF CHULA VISTA ENGINEERING DEPARTMENT

795 H STREET
SITE SECTIONS

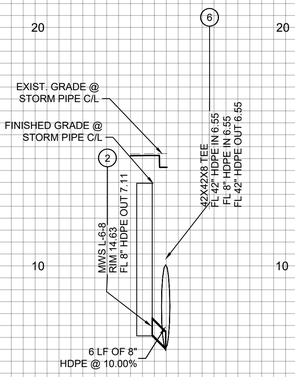
Drawing No. C5.5
W.O. No. XXXXXX&XXXXXX



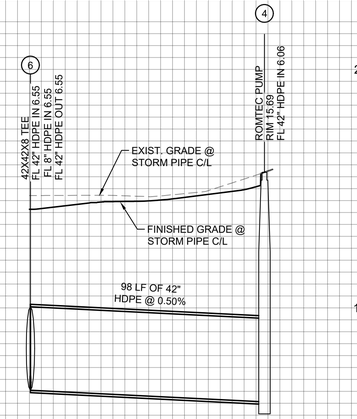
PIPE 1: STA 9+75.0 TO 10+75
HORZ: 1" = 30'
VERT: 1" = 3'



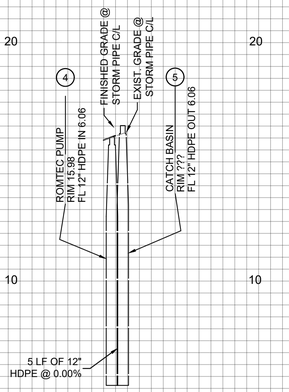
PIPE 2: STA 9+75.0 TO 11+75
HORZ: 1" = 30'
VERT: 1" = 3'



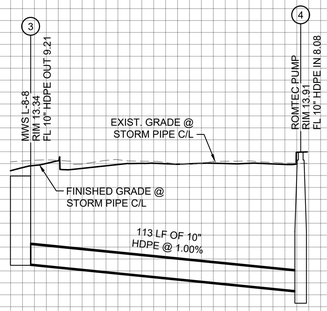
PIPE 3: STA 9+75.0 TO 10+50
HORZ: 1" = 30'
VERT: 1" = 3'



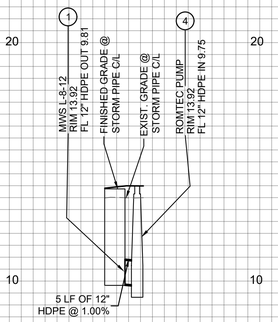
PIPE 4: STA 9+75.0 TO 11+25
HORZ: 1" = 30'
VERT: 1" = 3'



PIPE 5: STA 9+75.0 TO 10+50
HORZ: 1" = 30'
VERT: 1" = 3'



PIPE 6: STA 9+75.0 TO 11+50
HORZ: 1" = 30'
VERT: 1" = 3'



PIPE 7: STA 9+75.0 TO 10+50
HORZ: 1" = 30'
VERT: 1" = 3'

STORM NOTES

1. PROPOSED MWS L-8-12 GRATE INLET PER BIOCLEAN STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS
2. PROPOSED MWS L-6-8 GRATE INLET PER BIOCLEAN STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL. REFER TO MANUFACTURER DETAILS FOR SPECIFICATION
3. PROPOSED MWS L-8-8 GRATE INLET PER BIOCLEAN STORMWATER BIOFILTRATION SYSTEM STANDARD DETAIL. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS
4. PROPOSED ROMTEC PUMP. REFER TO MANUFACTURER DETAILS FOR SPECIFICATIONS
5. PROPOSED GRATE INLET PER SDRSD G-13 AND G-15
6. PROPOSED HDPE TEE, SIZE PER PLAN
7. CONNECT TO PROPOSED TRENCH DRAIN

"ENGINEER OF WORK"

Kimley»Horn

401 B STREET, SUITE 600
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(619) 234-9411

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd
Contractor					
Inspector					
Date Completed					

BENCH MARK
2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533+54 LS 6000" LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD. BM = 349' PER CITY OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.
ELEVATION: 51.009' NAVD88

SCALE
Horizontal: AS SHOWN
Vertical: AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
Date
R.C.E. No.

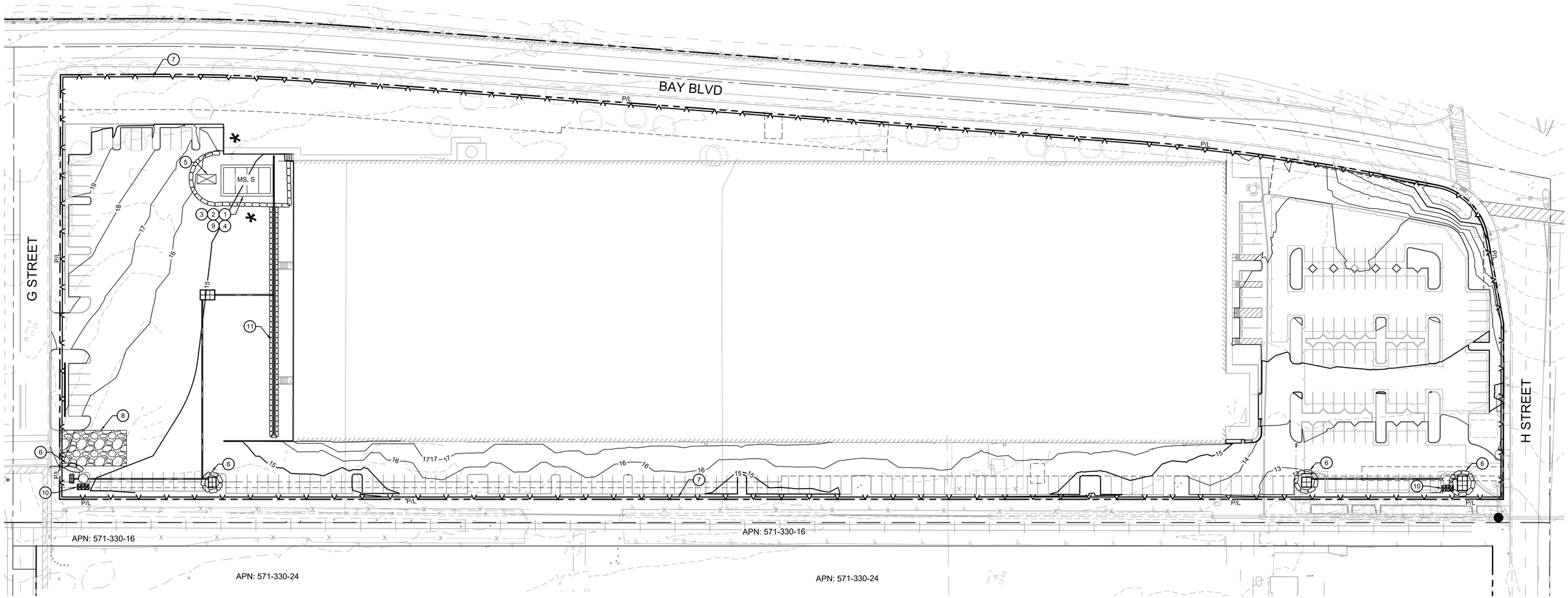
Submitted
By
Planning: Landscape:

Approved
By
Principal Civil Engineer

CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
STORM DRAIN PROFILES

Drawing No. C6.0
W.O. No. XXXXXX&XXXXXX



LEGEND

TEMPORARY CONCRETE WASHOUT FACILITY
(CA STORMWATER BMP HANDBOOK WM-8)

STABILIZED CONSTRUCTION ENTRANCE
(CA STORMWATER BMP HANDBOOK TC-1)

STORM DRAIN/CURB INLET PROTECTION
(CA STORMWATER BMP HANDBOOK SE-10)

SILT FENCE
(CA STORMWATER BMP HANDBOOK SE-1)

GRAVEL BAG CHECK DAM
(CA STORMWATER BMP HANDBOOK SE-4)

MATERIAL DELIVERY, STORAGE, AND STAGING AREA
(CA STORMWATER BMP HANDBOOK WM-1, WM-2, WM-3, WM-4, WM-5, WM-6, WM-8, WM-9, WM-10, NS-8, NS-9, NS-10)
NOTE: APPROX. SIZE AND LOCATION SHOWN. IF CHANGE IS REQUIRED, CONTRACTOR TO DETERMINE SIZE AND LOCATION AND OBTAIN APPROVAL FROM THE CITY OF MISSION VIEJO

MS, S

DISCHARGE LOCATION

SAMPLING LOCATION

APPLICABLE BEST MANAGEMENT PRACTICES

THE FOLLOWING BMPS AS OUTLINED IN, BUT NOT LIMITED TO, THE CALIFORNIA STORMWATER BMP HANDBOOK DATED JANUARY 2015, OR THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED AS NEEDED:

EC-1, SCHEDULING
EC-2, PRESERVATION OF EXISTING VEGETATION
EC-3, HYDRAULIC MULCH
EC-10, VELOCITY DISSIPATION DEVICES
WE-1, WIND EROSION CONTROL
NS-1, WATER CONSERVATION PRACTICES
NS-3, PAVING AND GRINDING OPERATIONS
NS-7, POTABLE WATER/IRRIGATION
NS-10, VEHICLE AND EQUIPMENT MAINTENANCE
NS-12, CONCRETE CURING
NS-13, CONCRETE FINISHING
WM-1, MATERIAL DELIVERY AND STORAGE
WM-4, SPILL PREVENTION AND CONTROL
WM-3, STOCKPILE MANAGEMENT
WM-5, SOLID WASTE MANAGEMENT
WM-6, HAZARDOUS WASTE MANAGEMENT
WM-7, CONTAMINATED SOIL MANAGEMENT
WM-8, CONCRETE WASTE MANAGEMENT
WM-9, SANITARY/SEPTIC WASTE MANAGEMENT
WM-10, LIQUID WASTE MANAGEMENT
SE-1, SILT FENCE
SE-4, CHECK DAMS
SE-7, STREET SWEEPING AND VACUUMING
SE-10, STORM DRAIN INLET PROTECTION
TC-1, TEMPORARY CONSTRUCTION ENTRANCE/EXIT

CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.

EROSION CONTROL NOTES

1. WM-1, MATERIAL DELIVERY AND STORAGE.
2. WM-3, STOCKPILE MANAGEMENT, CONTRACTOR TO SET UP STOCKPILE AREA.
3. WM-5, SANITARY AREA.
4. WM-6, HAZARDOUS WASTE MANAGEMENT.
5. WM-8, CONCRETE WASTE MANAGEMENT
6. SE-10, STORM DRAIN INLET PROTECTION. SEE DETAIL 1, SHEET 7.1
7. SE-1, INSTALL SILT FENCE ON P/L. SEE DETAIL 3, SHEET 7.1
8. TC-1, TEMPORARY CONSTRUCTION ENTRANCE/EXIT. SEE DETAIL 2, SHEET 7.1
9. NS-10, VEHICLE AND EQUIPMENT MAINTENANCE.
10. EC-10, VELOCITY DISSIPATION DEVICE.
11. SE-4, CHECK DAMS.

CONTRACTOR RESPONSIBLE FOR TRAFFIC CONTROL AND PEDESTRIAN CONTROL WHILE PERFORMING WORK IN THE PUBLIC RIGHT-OF-WAY.

SITE PREPARATION SHOULD BE IN ACCORDANCE WITH GEOTECHNICAL INVESTIGATION

"ENGINEER OF WORK"

Kimley»Horn

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SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER — MICHAEL J. KNAPTON — No. 65627 — CIVIL — STATE OF CALIFORNIA

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

ACCELA NO.: XXXX-XXXX
XXXX-XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd
Contractor					
Inspector					
Date Completed					

BENCH MARK
2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533-54 LS 6000" LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD, 0M +/- 447 FEET SOUTH OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006.
ELEVATION: 51.009' NAVD88

SCALE
Horizontal AS SHOWN
Vertical AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON
Date 07/20/2022
R.C.E. No. C65627

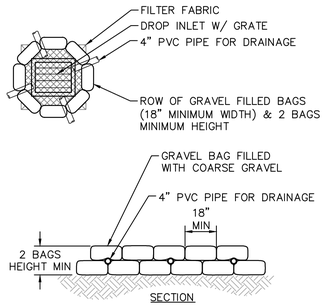
Submitted By
Planning: Landscape:

Approved By
Principal Civil Engineer

CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
EROSION CONTROL PLAN

Drawing No. C7.0
W.O. No. XXXXXX&XXXXXX

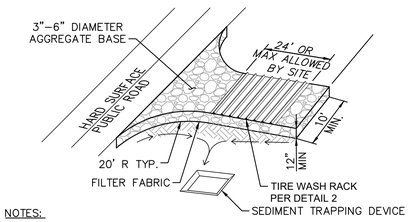


NOTES:

1. GRAVEL BAG MATERIAL: POLYPROPYLENE, POLYETHYLENE OR POLYMIDE WOVEN FABRIC, MINIMUM UNIT WEIGHT 4 OUNCES PER SQUARE YARD, MULLEN BURST STRENGTH EXCEEDING 300 PSI AND ULTRAVIOLET STABILITY EXCEEDING 70%
2. GRAVEL BAG SHALL BE FILLED WITH 3/4" ROCK OR 1/4" PEA GRAVEL.
3. PLACE SEVERAL LAYERS OF SAND BAGS (12" MINIMUM HIGH) OVERLAPPING THE BAGS AND PACKING THEM TIGHTLY TOGETHER.
4. LEAVE GAP OF ONE BAG ON THE TOP ROW TO SERVE AS A SPILLWAY.
5. PLACE WIRE MESH OVER AND 1' (MINIMUM) BEYOND THE INLET STRUCTURE.
6. PLACE FILTER FABRIC OVER WIRE MESH. FILTER FABRIC SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH AN EQUIVALENT OPENING SIZE NOT GREATER THAN 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLONS/MINUTE/SQ. FT.
7. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT.

1 STORM DRAIN INLET PROTECTION - CASQA SE-10

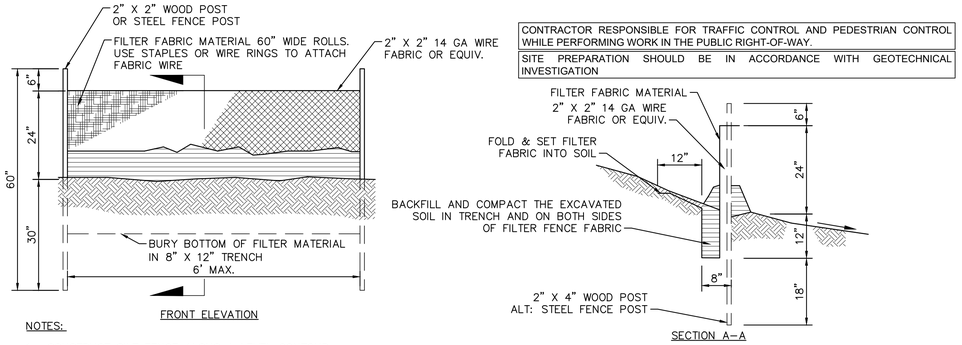
NOT TO SCALE



NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS–OF–WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT–OF–WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

2 CONSTRUCTION ENTRANCE - CASQA TC-1



NOTES:

1. CONSTRUCT SILT FENCE ALONG A LEVEL CONTOUR.
2. WHEN STANDARD STRENGTH FILTER FABRIC IS USED A WIRE MESH SUPPORT FENCE SHALL BE FASTENED TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY– DUTY WIRE STAPLES AR LEAST 1" LONG TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 4".
3. STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE AND 40" OF THE FABRIC SHALL EXTEND INTO THE TRENCH. WHEN EXTRA–STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED AND THE FILTER FABRIC STAPLED OR WIRED DIRECTLY TO THE POSTS.
4. FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL THEN CUT TO THE LENGTH OF THE BARRIER. WHEN JOINTS ARE NECESSARY FILTER CLOTH SHALL BE SPICED TOGETHER ONLY TO A SUPPORT POST WITH A MINIMUM 6" OVERLAP AND BOTH AND SECURELY FASTENED TO THE POST.
5. THE TRENCH SHALL BE BACKFILLED WITH IMPACTED NATIVE MATERIAL.
6. IF 85% OR MORE OF A SOIL BY WEIGHT PASSES THROUGH THE OPENINGS IN A NO. 200 SIEVE (U.S. STANDARD) FILTER FABRIC SHALL NOT BE USED.
7. FILTER FABRIC MATERIAL SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0 DEGREES FAHRENHEIT TO 120 DEGREES FAHRENHEIT.
8. SILT FENCES SHALL REMAIN IN PLACE UNTIL THE SLOPED AREA IS PERMANENTLY STABILIZED.
9. LEAVE AN UNDISTURBED OR STABILIZED AREA IMMEDIATELY DOWNSLOPE FROM THE FENCE.

3 TEMPORARY SILT FENCE - CASQA SE-1

NOT TO SCALE

"ENGINEER OF WORK"

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SAN DIEGO, CA 92101
(619) 234-9411

REGISTERED PROFESSIONAL ENGINEER — MICHAEL J. KNAPTON — No. 65627 — CIVIL — STATE OF CALIFORNIA

ACCELA NO.: XXXX–XXXX
XXXX–XXXX
TOTAL SHEETS: XX

CONSTRUCTION RECORD	REFERENCES	BY	REVISIONS	Date	App'd
Contractor					
Inspector					
Date Completed					

BENCH MARK: 2-1/2" BRASS DISK IN A CURB INLET, STAMPED "MTDB CONTROL 533-54 IS 6000' LOCATED AT THE SOUTHEAST CORNER OF PALOMAR STREET AND INDUSTRIAL BLVD. 0M + 427 PCL SITE OF CHULA VISTA VERTICAL CONTROL REPORT DATED 7/10/2006. ELEVATION: 51.009' NAVD88

SCALE: Horizontal AS SHOWN; Vertical AS SHOWN

Designed By	Drawn By	Checked By
MJK	TNK	XX

Plans Prepared Under Supervision Of
MICHAEL KNAPTON
Date 06/21/2022
R.C.E. No. C65627

Submitted ____ By ____ Planning: ____ Landscape: ____

Approved ____ By ____ Principal Civil Engineer

CITY OF CHULA VISTA — ENGINEERING DEPARTMENT

795 H STREET
EROSION CONTROL PLAN DETAILS

Drawing No. C7.1
W.O. No. XXXXXX&XXXXXX

APPENDIX B
Process Flow Charts

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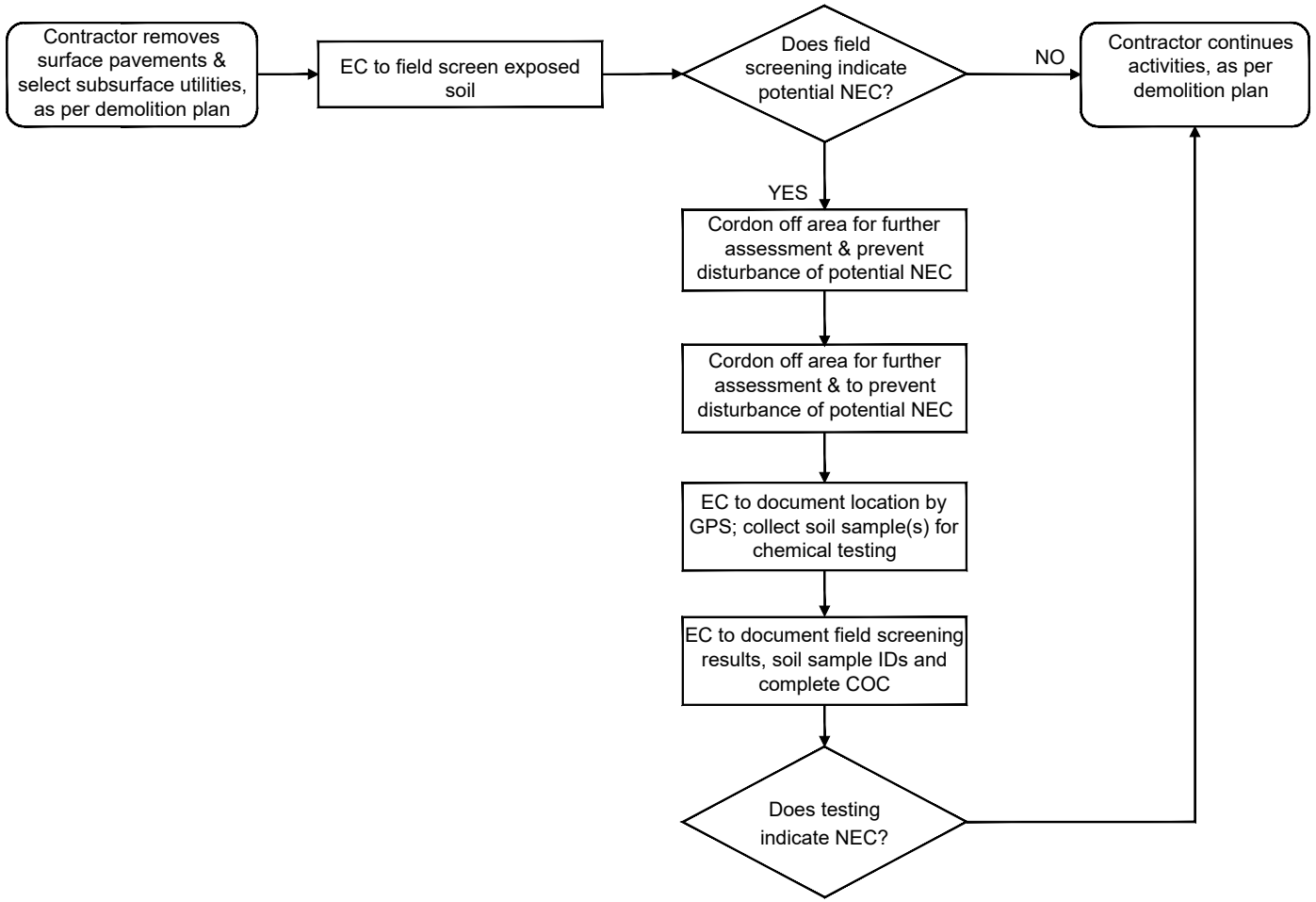

NOTES

EC = PSIP WOHL ENVIRONMENTAL CONSULTANT
NEC = NEW ENVIRONMENTAL CONDITION
COC = CHAIN OF CUSTODY

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

PROCESS FLOW CHART – SOIL SCREENING DURING DEMOLITION ACTIVITIES

SCALE: AS SHOWN
DECEMBER 2022

FIGURE B-1

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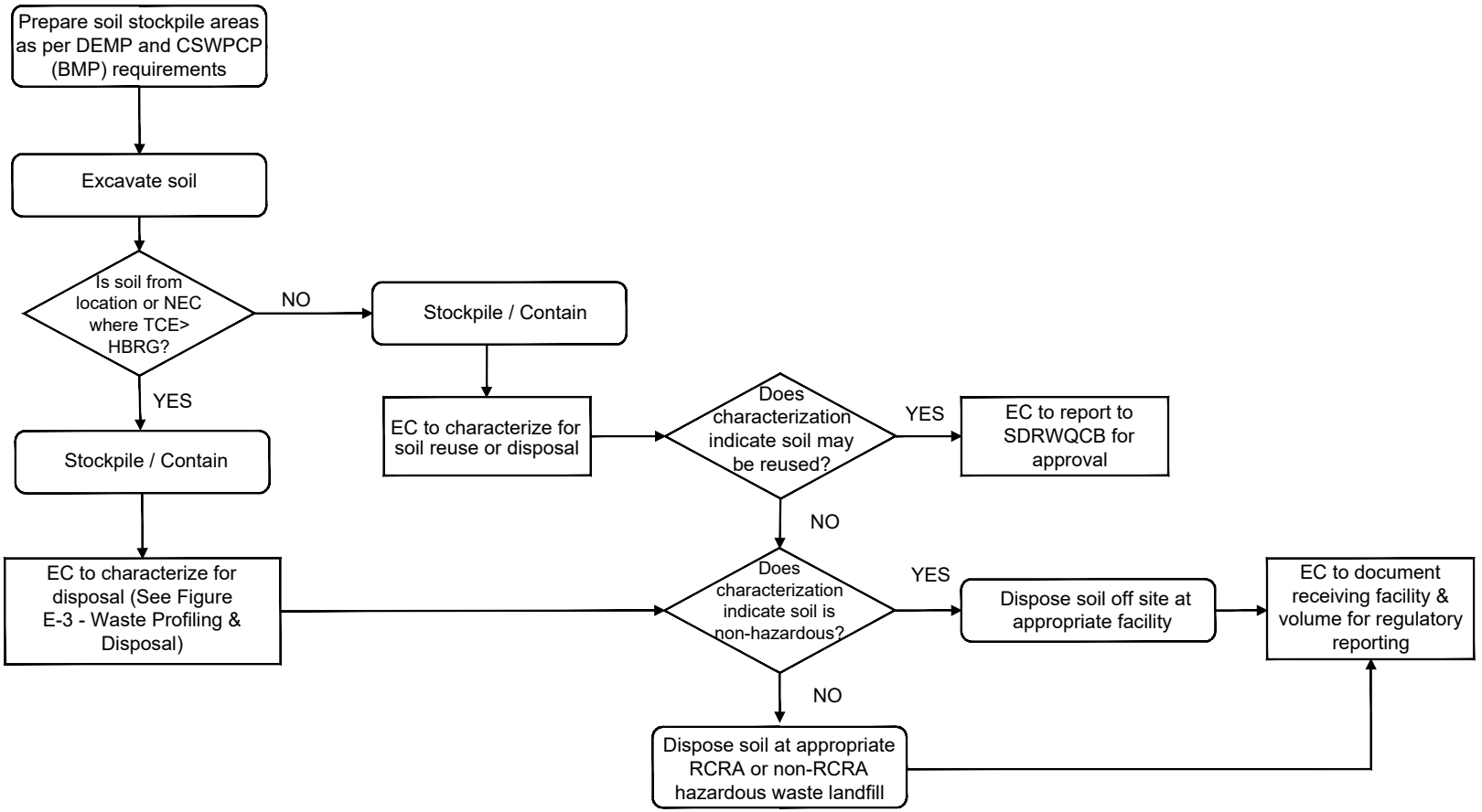

NOTES

BMP = BEST MANAGEMENT PRACTICES
CSWPCP = CONSTRUCTION STORM WATER POLLUTION CONTROL PLAN
TCE = TRICHLOROETHENE
NEC = NEW ENVIRONMENTAL CONDITION
HBRG = HEALTH–BASED REMEDIATION GOAL
DEMP = DEMOLITION AND SOIL ENVIRONMENTAL MANAGEMENT PLAN
EC = PSIP WOHL ENVIRONMENTAL CONSULTANT
RCRA = RESOURCE CONSERVATION AND RECOVERY ACT
SDRWQCB = SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

PROCESS FLOW CHART – SOIL MANAGEMENT

SCALE: AS SHOWN
DECEMBER 2022

FIGURE B-2

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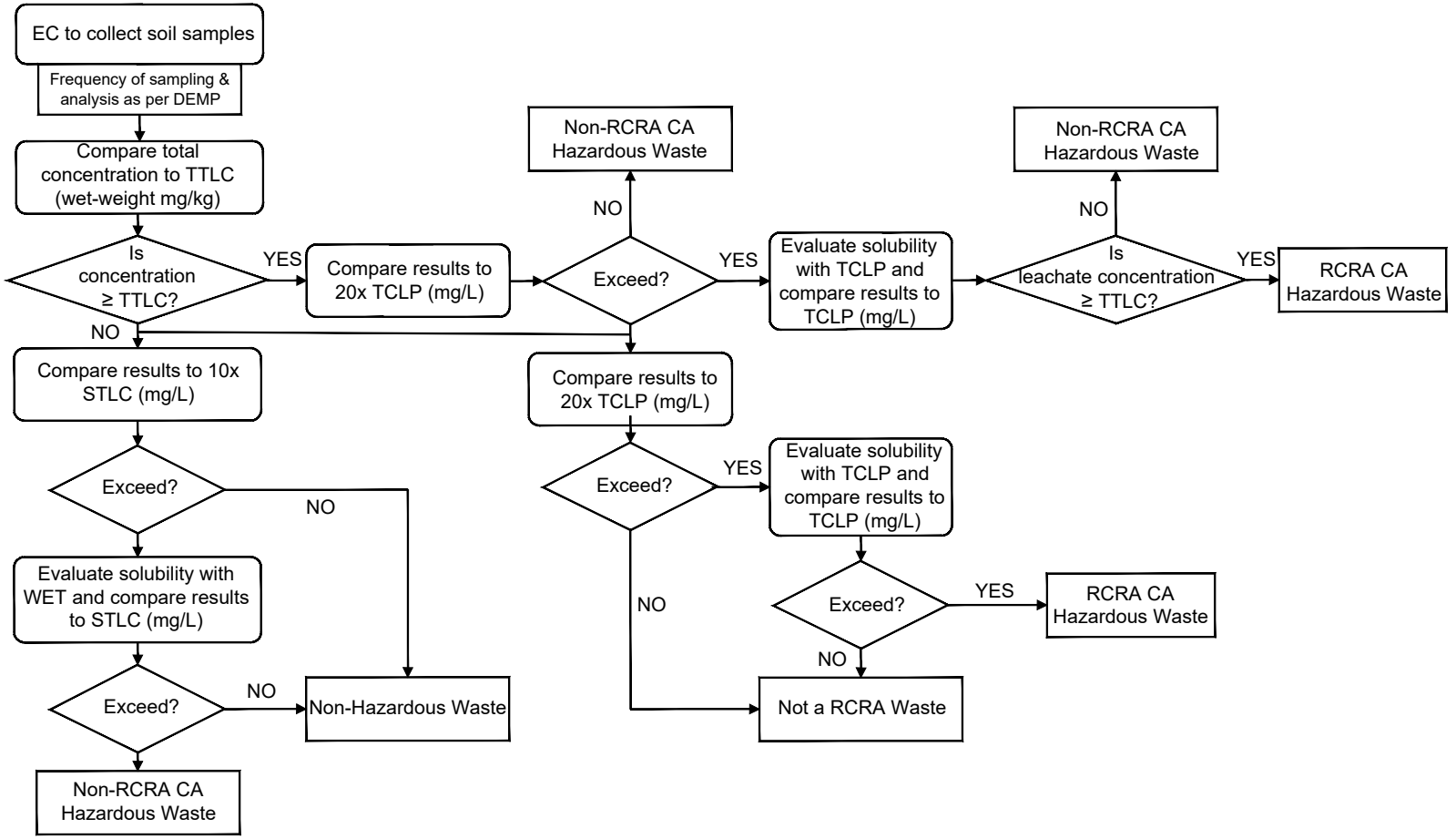

NOTES

EC = PSID WOHL ENVIRONMENTAL CONSULTANT
mg/kg = MILLIGRAM PER KILOGRAM
mg/L = MILLIGRAM PER LITER
STLC = SOLUBLE THRESHOLD LIMIT CONCENTRATION
TC = TOXICITY CHARACTERISTIC (FEDERAL)
TCLP = TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TTLC = TOTAL THRESHOLD LIMIT CONCENTRATION
WET = WASTE EXTRACTION TEST

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

PROCESS FLOW CHART - WASTE PROFILING & DISPOSAL

SCALE: AS SHOWN
DECEMBER 2022

FIGURE B-3

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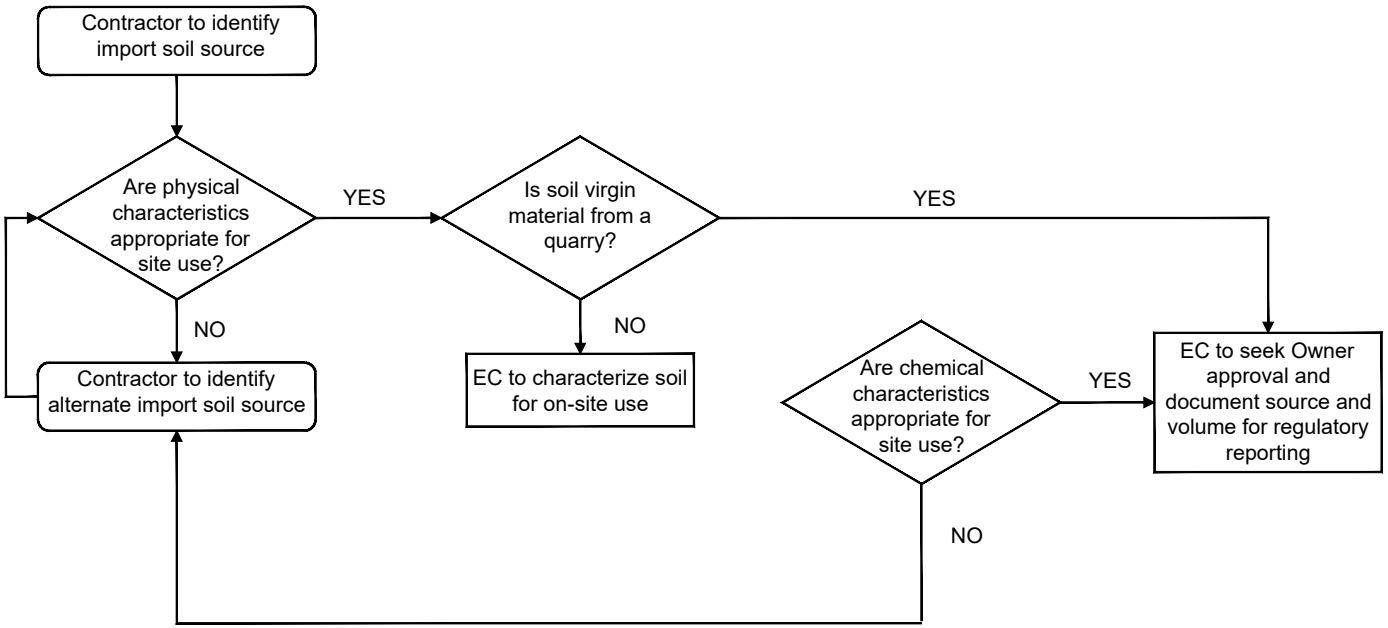


NOTES

EC = PSIP WOHL ENVIRONMENTAL CONSULTANT
OWNER = PSIP WOHL

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

PROCESS FLOW CHART – IMPORT SOIL MANAGEMENT

SCALE: AS SHOWN
DECEMBER 2022

FIGURE B-4

APPENDIX C
Quality Assurance/Quality Control

Appendix C

Quality Assurance/Quality Control Procedures
Parcel A, North Campus
850 Lagoon Drive
Chula Vista, California

During DEMP activities at Parcel A, soil and concrete samples will be collected for chemical testing. This appendix outlines quality assurance/quality control (QA/QC) procedures applicable to sample collection.

FIELD QUALITY CONTROL MEASURES

The following field quality control measures apply to concrete, soil, and groundwater sample collection.

DUPLICATE SAMPLES - CONCRETE AND SOIL

Duplicate samples are not typically collected for soil due to heterogeneity within the soil matrix that can yield differences in analytical results even within a sample core. For this program, duplicate samples for both concrete and soil will be generated by collecting two primary samples which will be homogenized into a single sample, and then split into two unique samples for analysis. Duplicate samples will be collected at a frequency of 1 sample for every 20 primary samples for both concrete and soil.

FIELD EQUIPMENT BLANKS

Field equipment blanks will be prepared by pouring deionized or distilled water onto clean sampling equipment; the rinsate will be collected and analyzed for the same analytes associated with the samples that are being collected. Field equipment blanks will be collected at a frequency of one sample per day on which sampling is occurring for soil and concrete.

TRIP BLANKS

Trip blanks will be supplied by the analytical laboratory and will accompany the samples in the cooler during transport to the analytical laboratory. The trip blank will be analyzed only in cases where there may be concern about the analytical results.

Appendix C

FIELD QUALITY ASSURANCE MEASURES

The following field quality assurance measures apply to soil and concrete collected during DEMP activities, as applicable.

SAMPLE CONTAINERS, PRESERVATION, AND PACKAGING

Sample containers will be supplied by the state-certified analytical laboratory that is conducting the chemical analysis of the specific sample media. Sample containers will be clearly labeled with sample designation, date, and time of collection, and requested analysis(es), packaged in plastic bags, and placed in a cooled ice chest for sample transport to the analytical laboratory.

Table C-1 indicates U.S. Environmental Protection Agency (USEPA) methods for analysis of classes of chemicals and includes information regarding preservation requirements and holding times for soil. Note that sample collection and containers for soil samples that will be analyzed for volatile organic compounds depends on the use of the data that will be generated. For soil samples that are collected to represent in-situ Site conditions, samples will be preserved following the requirements of USEPA Method 5035 to minimize disturbance and volatilization, as noted on Table C-1.

SAMPLE CUSTODY

Samples will be accompanied for transport with a chain-of-custody form that lists each sample by its designation, date and time of collection, media (soil or concrete), required analysis(es), and requested turnaround time. Sample information on the chain-of-custody form will match that on the sample label. The chain-of-custody form will accompany the samples through their delivery to the analytical laboratory and will be signed by the sampling personnel relinquishing the samples to the laboratory or courier service and signed by each party accepting the samples. The chain-of- custody shall be part of, and integral to, the project QC documentation.

EQUIPMENT MAINTENANCE AND CALIBRATION

All non-dedicated equipment will be decontaminated with deionized or distilled water with a non-phosphate detergent (Alconox™ or equivalent), followed by a distilled water rinse, immediately prior and subsequent to its use. Field equipment, including photoionization detectors (PIDs), global positioning system (GPS) equipment, and dust monitors will be calibrated daily according to the manufacturer's instructions. Calibration of such equipment will be recorded on daily field records.

LABORATORY MANAGEMENT AND QA/QC REPORTING

Prior to the initiation of field activities, the Environmental Consultant will communicate with the selected state-certified laboratory to assure that laboratory reporting limits (RLs) or method detection limits (MDLs) are adequate to compare data to human health risk-based remediation goals and groundwater protection limits (GPLs) established for the project. Should RLs or MDLs be insufficient to meet project goals, project personnel will seek another state-certified laboratory to conduct the analysis(es) or, in the case that detection limits cannot be achieved, discuss the data limitations with the SDRWQCB.

Appendix C

Analytical laboratory reports will document:

- Sample preservation and verification that analytical testing was conducted within the holding times required by the USEPA test method employed;
- Chemical testing results, including RLs and MDLs for each reported analyte;
- Surrogate recoveries;
- Laboratory control samples and matrix spike/matrix spike duplicate recoveries; and,
- Laboratory data qualifiers.
- Laboratory data reports will be provided as electronic copies (pdf files) and in electronic data deliverable (EDD) format.

Attachment:

Table C-1 - Soil Sample Preservation and Analytical Holding Times – Soil

\\haleyaldrich.com\share\CF\Projects\0206064\Deliverables\Appendix C\2022_12_HAI_AppdxC_Text_F.docx

TABLE C-1
SOIL SAMPLE PRESERVATION AND ANALYTICAL HOLDING TIMES - SOIL
PARCEL A - NORTH CAMPUS
CHULA VISTA, CALIFORNIA

Chemical Class or Chemical	Analytical Method[1]	Maximum Holding Time[2]	Minimum Mass	Sample Containers[3]	Preservation
Volatile Organic Compounds (disposal)[4]	8260B	14 days	10 grams	4-ounce jar with Teflon lid	Iced, 0 to 6° Celsius
Volatile Organic Compounds (in-situ)[5]	8260B	Terra Core™ sampler – 14 days En Core® sampler - 48 hours for extraction; 14 days for analysis	5 grams	Hermetically-sealed vials – see USEPA Method 5035. (e.g., En Core®/Terra Core™ Soil Samplers)	Bisulfate or methanol; iced, 0 to 6° Celsius. Unpreserved or deionized water; iced, 0 to 6° Celsius
Polychlorinated Biphenyls	8082	14 days for extraction; 40 days after extraction for analysis	20 grams	4-oz glass jar with Teflon lid	Iced, 0 to 6° Celsius
Metals	6010B	180 days	200 grams	4-oz glass jar with Teflon lid	None
Mercury	7471A	28 days	200 grams	4-oz glass jar with Teflon lid	Iced, 0 to 6° Celsius

Notes:

1. All analytical methods are U.S. Environmental Protection Agency (USEPA) methods unless shown otherwise.
2. The technical holding times are based on time elapsed from sample collection.
3. Multiple analyses for a soil sample may not require additional containers for each parameter; confirm volume requirements with the laboratory.
4. Confirm the sample collection methodology and container with the disposal facility.
5. Samples for soil that will be left on Site are to utilize methods that minimize sample disturbance and volatilization.

APPENDIX D
Information Advisory Clean Imported Fill Material

DTSC Information Advisory Clean Imported Fill Material Fact Sheet

October 2001

Executive Summary

This fact sheet has been prepared to ensure that inappropriate fill material is not introduced onto sensitive land use properties under the oversight of the DTSC or applicable regulatory authorities. Sensitive land use properties include those that contain facilities such as hospitals, homes, day care centers, and schools. This document only focuses on human health concerns and ecological issues are not addressed.

It identifies those types of land use activities that may be appropriate when determining whether a site may be used as a fill material source area. It also provides guidelines for the appropriate types of analyses that should be performed relative to the former land use, and for the number of samples that should be collected and analyzed based on the estimated volume of fill material that will need to be used.

The information provided in this fact sheet is not regulatory in nature, rather is to be used as a guide, and in most situations the final decision as to the acceptability of fill material for a sensitive land use property is made on a case-by-case basis by the appropriate regulatory agency.

Introduction

The use of imported fill material has recently come under scrutiny because of the instances where contaminated soil has been brought onto an otherwise clean site. However, there are currently no established standards in the statutes or regulations that address environmental requirements for imported fill material. Therefore, the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) has prepared this fact sheet to identify procedures that can be used to minimize the possibility of introducing contaminated soil onto a site that requires imported fill material. Such sites include those that are undergoing site remediation, corrective action, and closure activities overseen by DTSC or the appropriate regulatory agency. These procedures may also apply to construction projects that will result in sensitive land uses.

The intent of this fact sheet is to protect people who live on or otherwise use a sensitive land use property. By using this fact sheet as a guide, the reader will minimize the chance of introducing fill material that may result in potential risk to human health or the environment at some future time.

Overview

Both natural and man-made fill materials are used for a variety of purposes. Fill material properties are commonly controlled to meet the necessary site specific engineering specifications. Because most sites requiring fill material are located in or near urban areas, the fill materials are often obtained from construction projects that generate an excess of soil, and from demolition debris (asphalt, broken concrete, etc.). However, materials from those types of sites may or may not be appropriate, depending on the proposed use of the fill, and the quality of the assessment and/or mitigation measures, if necessary. Therefore, unless material from construction projects can be demonstrated to be free of contamination and/or appropriate for the proposed use, the use of that material as fill should be avoided.

Selecting Fill Material

In general, the fill source area should be located in nonindustrial areas, and not from sites undergoing an environmental cleanup. Nonindustrial sites include those that were previously undeveloped, or used solely for residential or agricultural purposes. If the source is from an agricultural area, care should be taken to insure that the fill does not include former agricultural waste process byproducts such as manure or other decomposed organic material. Undesirable sources of fill material include industrial and/or commercial sites where hazardous materials were used, handled or stored as part of the business operations, or unpaved parking areas where petroleum hydrocarbons could have been spilled or leaked into the soil.

Undesirable commercial sites include:

- Former gasoline service stations
- Retail strip malls that contained dry cleaners or photographic processing facilities
- Paint stores
- Auto repair and/or painting facilities

Undesirable industrial facilities include:

- Metal processing shops
- Manufacturing facilities
- Aerospace facilities
- Oil refineries
- Waste treatment plants, etc.

Alternatives to using fill from construction sites include the use of fill material obtained from a commercial supplier of fill material or from soil pits in rural or suburban areas. However, care should be taken to ensure that those materials are also uncontaminated.

Recommended Fill Material Sampling Schedule

Area of Individual Borrow Area	Sampling Requirements
2 acres or less	Minimum of 4 samples
2 to 4 acres	Minimum of 1 sample every 1/2 acre
4 to 10 acres	Minimum of 8 samples
Greater than 10 acres	Minimum of 8 locations with 4 subsamples per location

Volume of Borrow Area Stockpile	Samples per Volume
Up to 1,000 cubic yards	1 sample per 250 cubic yards
1,000 to 5,000 cubic yards	4 samples for first 1000 cubic yards +1 sample per each additional 500 cubic yards
Greater than 5,000 cubic yards	12 samples for first 5,000 cubic yards + 1 sample per each additional 1,000 cubic yards

Documentation and Analysis

In order to minimize the potential of introducing contaminated fill material onto a site, it is necessary to verify through documentation that the fill source is appropriate and/or to have the fill material analyzed for potential contaminants based on the location and history of the source area. Fill documentation should include detailed information on the previous use of the land from where the fill is taken, whether an environmental site assessment was performed and its findings, and the results of any testing performed. It is recommended that any such documentation should be signed by

an appropriately licensed (CA-registered) individual. If such documentation is not available or is inadequate, samples of the fill material should be chemically analyzed. Analysis of the fill material should be based on the source of the fill and knowledge of the prior land use.

Detectable amounts of compounds of concern within the fill material should be evaluated for risk in accordance with the DTSC Preliminary Endangerment Assessment (PEA) Guidance Manual. If metal analyses are performed, only those metals (CAM 17 / Title 22) to which risk levels have been assigned need to be evaluated.

At present, the DTSC is working to establish California Screening Levels (CSL) to determine whether some compounds of concern pose a risk. Until such time as these CSL values are established, DTSC recommends that the DTSC PEA Guidance Manual or an equivalent process be referenced. This guidance may include the Regional Water Quality Control Board's (RWQCB) guidelines for reuse of non-hazardous petroleum hydrocarbon contaminated soil as applied to Total Petroleum Hydrocarbons (TPH) only. The RWQCB guidelines should not be used for volatile organic compounds (VOCs) or semi-volatile organic compounds (SVOCS). In addition, a standard laboratory data package, including a summary of the QA/QC (Quality Assurance/Quality Control) sample results should also accompany all analytical reports.

When possible, representative samples should be collected at the borrow area while the potential fill material is still in place, and analyzed prior to removal from the borrow area. In addition to performing the appropriate analyses of the fill material, an appropriate number of samples should also be determined based on the approximate volume or area of soil to be used as fill material. The table above can be used as a guide to determine the number of samples needed to adequately characterize the fill material when sampled at the borrow site.

Alternative Sampling

A Phase I or PEA may be conducted prior to sampling to determine whether the borrow area may have been impacted by previous activities on the property. After the property has been evaluated, any sampling that may be required can be determined during a meeting with DTSC or appropriate regulatory agency. However, if it is not possible to analyze the fill material at the borrow area or determine that it is appropriate for use via a Phase I or PEA, it is recommended that one (1) sample per truckload be collected and analyzed for all compounds of concern to ensure that the imported soil is uncontaminated and acceptable. (See chart on Potential Contaminants Based on the Fill Source Area for appropriate analyses).

This sampling frequency may be modified upon consultation with the DTSC or appropriate regulatory agency if all of the fill material is derived from a common borrow area. However, fill material that is not characterized at the borrow area will need to be stockpiled either on or off-site until the analyses have been completed. In addition, should contaminants exceeding acceptance criteria be identified in the stockpiled fill
material, that material will be deemed unacceptable and new fill material will need to be obtained, sampled and analyzed. Therefore, the DTSC recommends that all sampling and analyses should be completed prior to delivery to the site to ensure the soil is free of contamination, and to eliminate unnecessary transportation charges for unacceptable fill material.

Composite sampling for fill material characterization may or may not be appropriate, depending on quality and homogeneity of source/borrow area, and compounds of concern. Compositing samples for volatile and semivolatile constituents is not acceptable. Composite sampling for heavy metals, pesticides, herbicides or PAH's from unanalyzed stockpiled soil is also unacceptable, unless it is stockpiled at the borrow area and originates from the same source area. In addition, if samples are composited, they should be from the same soil layer, and not from different soil layers.

When very large volumes of fill material are anticipated, or when larger areas are being considered as borrow areas, the DTSC recommends that a Phase I or PEA be conducted on the area to ensure that the borrow area has not been impacted by previous activities on the property. After the property has been evaluated, any sampling that may be required can be determined during a meeting with the DTSC.

For further information, call Shahir Haddad, P.E. at (714) 484-5368.

APPENDIX E
Acknowledgement Form

CONTRACTOR LETTER OF ACKNOWLEDGEMENT

Demolition and Soil Environmental Management Plan

Parcel A – North Campus
850 Lagoon Drive
Chula Vista, California

The Demolition and Environmental Management Plan (DEMP), dated December 20, 2022, has been reviewed by Contractor(s) and sub-contractor(s) as acknowledged by the signature(s) below. By their signature, they agree that they understand Site conditions and will comply with all the requirements set forth therein.

_____

Signature

_____

Name (printed)

_____

Company

_____

Date

HALEY & ALDRICH, INC.
5333 Mission Center Road
Suite 300
San Diego, CA 92108
619.280.9210

November 11, 2022
File No. 127827-024

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

Attention: Mr. Tom Alo

Subject: Document Submittals Under Cleanup and Abatement Order No. R9-2021-0042 Rohr, Inc. - North Campus, Parcel A
Chula Vista, California
Global ID No. T0000011095

Dear Mr. Alo:

Haley & Aldrich, Inc., is providing this letter on behalf of Rohr, Inc. a Collins Aerospace Company, (Rohr) for Parcel A at its former North Campus facility located in Chula Vista, California (Site). The letter is in response to our discussion during an on-Site meeting on July 7, 2022, and a subsequent conference call on July 14, 2022, regarding the Site remediation approach and document submittals required under Cleanup and Abatement Order No. R9-2021-0042 (CAO).

Rohr sold Parcels A and B, which will be redeveloped by new owners. Parcel A was sold to PSIP Wohl Bay Boulevard LLC (PSIP Wohl) in September 2020. PSIP Wohl intends to demolish the northern 24,000 square feet of Building 29 to construct a new loading dock once it obtains permit approval from the City of Chula Vista (City) sometime later this year.

The San Diego Regional Water Quality Control Board (SDRWQCB) issued a new CAO to Rohr on July 12, 2021. Provision L.1 of the CAO required Rohr to notify the SDRQCB within 45 days of its intent to submit optional documents to meet the Directives of the CAO. On August 25, 2021, Raytheon Technologies Corporation (Raytheon), the parent company of Rohr, submitted a request to provide separate submittals for each parcel (Parcels A, B, and C) since they are on different redevelopment schedules and Rohr will continue to own and continue its operations on Parcel C. Raytheon also requested that the Site's Soil and Soil Gas Remedial Alternatives Report (Directive C.4.b) be combined with the Site's Soil and Soil Gas Remedial Action Plan (C.5.a) for each parcel.

Rohr recently completed a Data Gap Investigation and Report for Parcel A to meet the requirements of CAO Directive C.2. The Data Gap investigation Report was submitted to the SDRWQCB on June 13, 2022. The Baseline Human Health Risk Assessment (HHRA), submitted to the SDRWQCB on May 4, 2021, was updated to include the results of the data gap investigation. An Updated HHRA was submitted to the SDRWQCB on July 8, 2022, to meet CAO Directive C.3. It is our understanding that it is currently being

reviewed by the SDRWQCB and the Office of Environmental Health Hazard Assessment and that the reviews will be completed in a few weeks.

During our Site walk and conference call, we discussed the path forward for addressing Parcel A soil and soil gas (Directives C.4 and C.5) with the pending City approval of the permit to demolish the northern portion of Building 29. A summary of our discussion for each media is provided below:

Soil: The areas where trichloroethene is present in soil above its health-based remediation goal (HBRG) and groundwater protection level are located beneath that portion of Building 29 that will be demolished. As such, we intend to remediate soil through removal and disposal under a Demolition and Environmental Monitoring Plan (DEMP). Once completed, a DEMP Completion Report will be submitted to the SDRWQCB. It is our understanding that based on the results and review of the DEMP Completion Report, the SDRWQCB will provide a letter to Rohr that no further action is needed for Parcel A soil.

Soil Gas: Volatile organic compounds (VOCs) in soil gas in the northern portion of Building 29 that are above HBRGs appearing in the Update to the Revised HHRA will be addressed by implementing the DEMP and removing the VOC-impacted soil beneath that portion of the building that will be demolished. However, there are other localized areas of soil gas HBRG exceedances beneath the central and southern portions of Building 29 attributed to VOCs in groundwater. These areas will be addressed by installing and operating a sub-slab depressurization system (SSDS) to protect future building occupants from vapor intrusion risks, if any. Rohr's Purchase and Sale Agreement requires PSIP Wohl to install an SSDS for Building 29 prior to any occupancy. As discussed, a work plan will be prepared that summarizes testing data that supports and includes the proposed design for the SSDS that will be installed beneath the building.

A Risk Management Plan (RMP) will also be prepared and implemented to address potential future vapor intrusion risks to building occupants. The RMP will include:

- An SSDS post-installation monitoring and performance plan to evaluate the effectiveness of the SSDS in mitigating potential vapor intrusion. Indoor air sampling, as required by the CAO, will be included. The plan will be implemented before a tenant occupies the building.
- Restrictions on changes to the existing building slab;
- A Contingency Plan;
- A schedule for performing post-installation sub-slab and indoor air sampling and preparing SSDS performance monitoring reports, and a Post-Mitigation Completion Report; and
- The preparation and filing of a deed restriction containing restrictions on use and occupancy of Parcel A (the Grant Deed in favor of PSIP Wohl recorded in September 2020 contains such restrictions and satisfies such deed restriction requirement).

While not directly included in our discussions, groundwater impacts will be addressed sitewide including Parcels A, B and C as described in Raytheon's letter to the SDRWQCB on Optional Document Submittals dated August 25, 2021.

The CAO is written sequentially such that following approval of the HHRA (Directive C.3), it requires that the following documents be prepared, implemented, and submitted in this order:

- Site Soil Cleanup Levels Report (Directive C.4.a),
- Site Soil and Soil Gas Remedial Alternatives Report (Directive C.4.b),
- Site Soil and Soil Gas Remedial Action Plan ([RAP]; Directive C.5.a),
- Soil and Soil Gas RAP Implementation (Directive C.5.b);
- Site Soil and Soil Gas RAP Progress Reports (Directive C.5.c); and
- Soil and Soil Gas RAP Completion Report (Directive C.5.d).

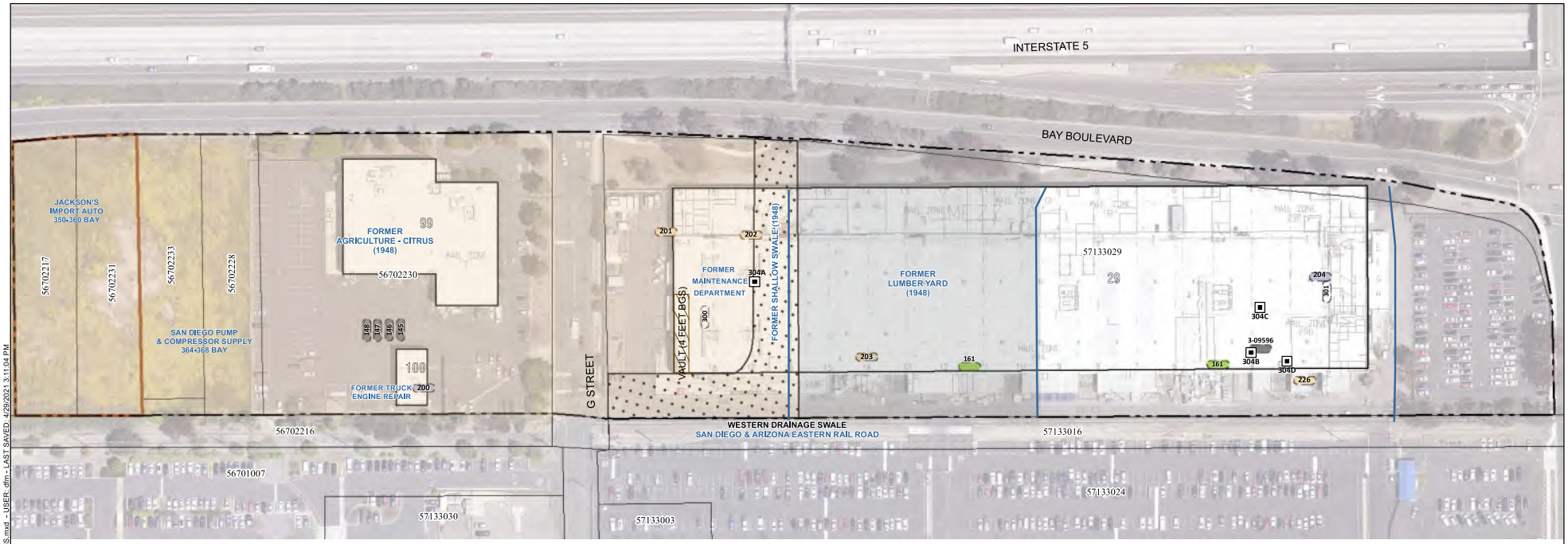
As discussed, the approach described above for Parcel A includes submitting the DEMP, a DEMP Completion Report, an SSDS Work Plan and RMP documents would replace the documents in the list above required by Directive C.4 – Site Soil and Soil Gas Feasibility Study and Directive C.5 – Site Soil and Soil Gas Remedial Actions. Please provide a letter that indicates the SDRWQCB concurs with this proposed approach for Parcel A and the list of documents listed above for Directives C.4 and C.5 will not be needed to comply with the CAO. Please contact us if you have any questions.

Sincerely yours,
HALEY & ALDRICH, INC.

Robert K. Scott, PG, CHg, QISP
Sr. Associate Hydrogeologist

c: Raytheon Technologies Corporation; Attn: Mr. John Baron
Rohr, Inc., a Collins Aerospace Company; Attn: Mr. Tyler Adkins
Wohl Property Group; Attn: Mr. Emil Wohl
GSI Environmental Inc.; Attn: Mr. Gino Bianchi-Mosquera
AECOM; Attn: Mr. Jerome Zimmerle

\\haleyaldrich.com\share\sdg_common\127827_North Campus\024_Bldg 29 SVE Design\Correspondence\2022_1111_HAI_Parcel A Doc Submittals_F.docx



LEGEND

- FORMER MILLS/LATHES
- FORMER VESSELS AND VAULTS
- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- STORM WATER CONVEYANCE SYSTEM
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- FORMER EXCAVATION AREA
- SHALLOW SWALE (1948)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 125 250
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

HISTORICAL ENVIRONMENTAL SITE FEATURES

APRIL 2021

FIGURE 2

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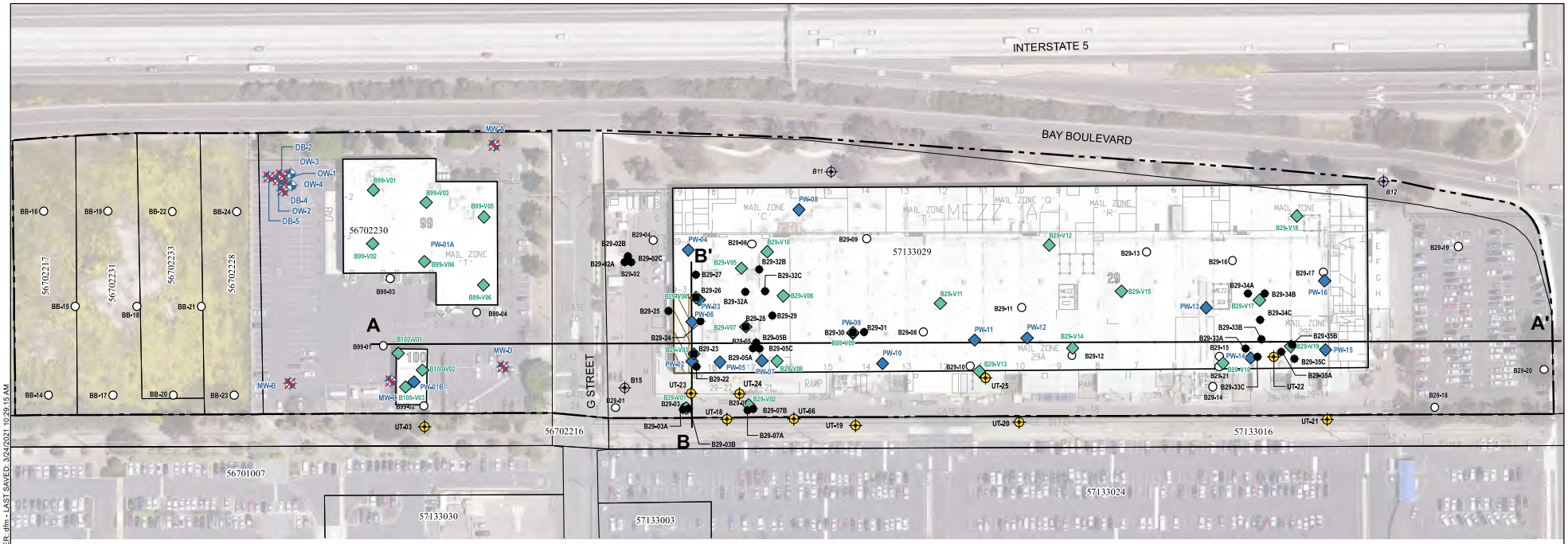


LEGEND

- EXISTING MONITORING WELL
- DESTROYED MONITORING WELL/TRANSDUCER
- 2020 BORING LOCATION
- 2016 BORING LOCATION
- 2013 BORING LOCATION
- OTHER HISTORICAL BORING LOCATION
- 2018 SOIL VAPOR PROBE
- GSI 2020 SOIL VAPOR PROBE AND/OR SOIL BORING
- CROSS SECTION LINE
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 125 250
SCALE IN FEET

HALEY ALDRICH

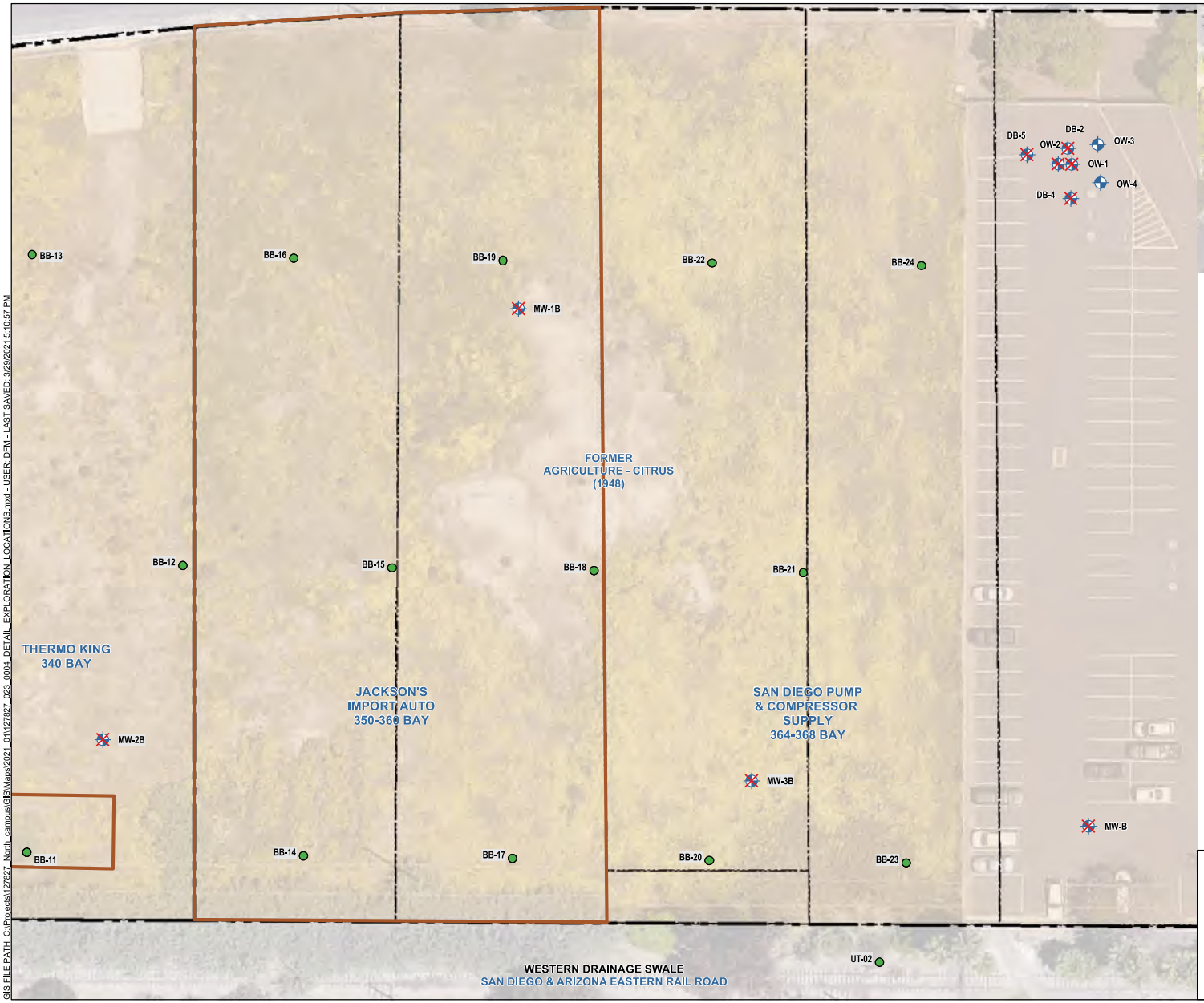
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

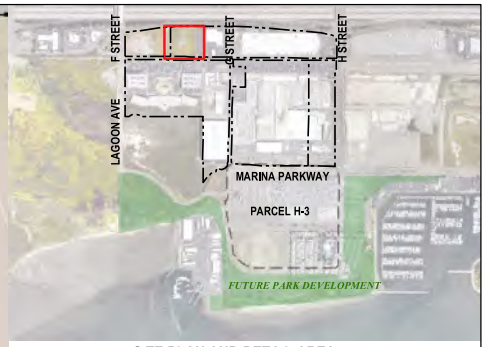
SAMPLE LOCATION MAP

APRIL 2021

FIGURE 3

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0003_SAMPLE_LOCATION_MAP.mxd - USER: dfm - LAST SAVED: 3/24/2021 10:29:15 AM





SITE PLAN AND DETAIL AREA 1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY, ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

0 40 80
SCALE IN FEET

HALEY ALDRICH

ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - 350, 360, 364, AND 368 BAY BOULEVARD

APRIL 2021

FIGURE 4A

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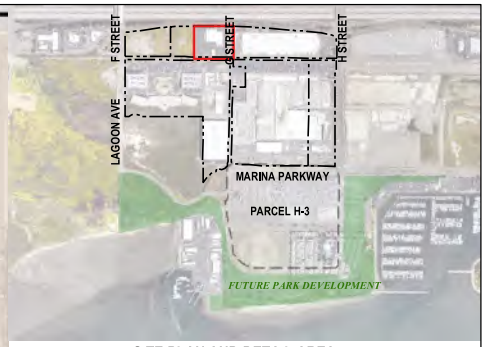

SITE PLAN AND DETAIL AREA 1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

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2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY. ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

0 40 80
SCALE IN FEET

HALEY ALDRICH

ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - BUILDINGS 99 AND 100

APRIL 2021

FIGURE 4B

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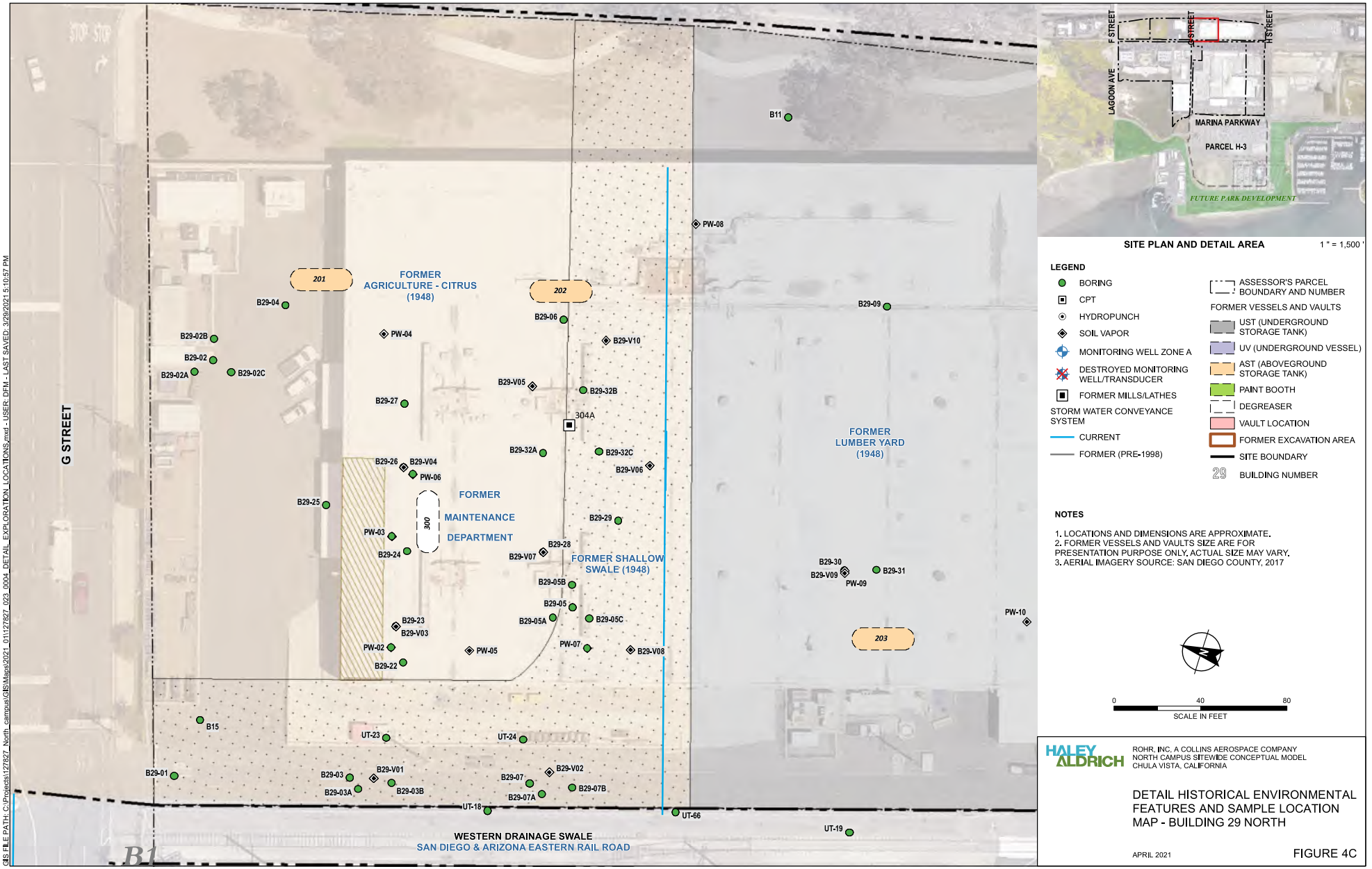


HALEY ALDRICH

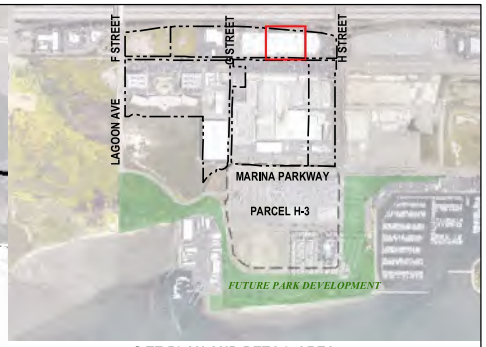
ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - BUILDING 29 NORTH

APRIL 2021

FIGURE 4C

GIS FILE PATH: C:\Projects\127827_North_campus\GIS\Maps\2021_011127827_023_0004_DETAIL_EXPLORATION_LOCATIONS.mxd - USER: DFM - LAST SAVED: 3/29/2021 5:10:57 PM



SITE PLAN AND DETAIL AREA 1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY, ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

0 40 80
SCALE IN FEET

HALEY ALDRICH

ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - BUILDING 29 CENTRAL

APRIL 2021

FIGURE 4D

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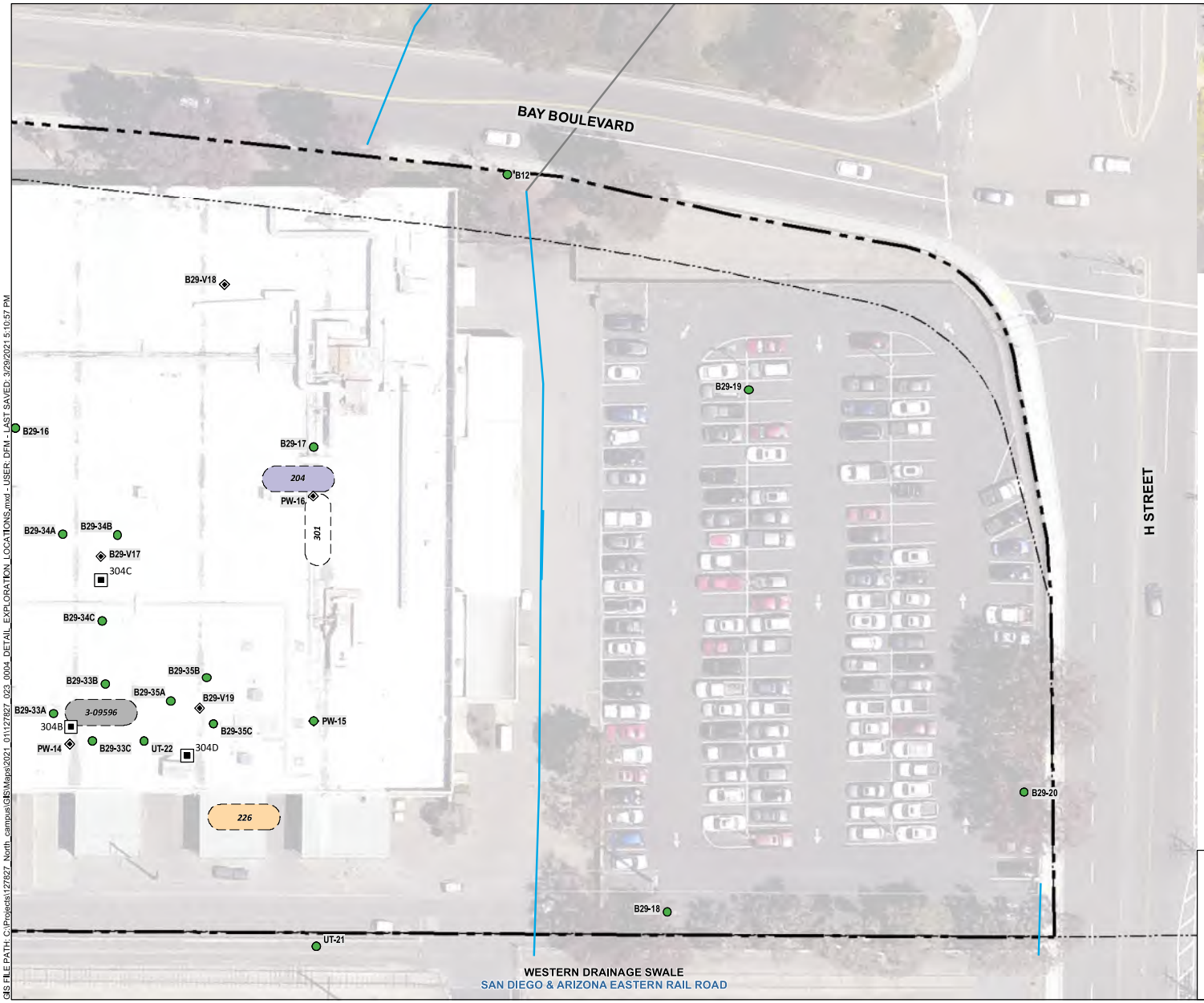

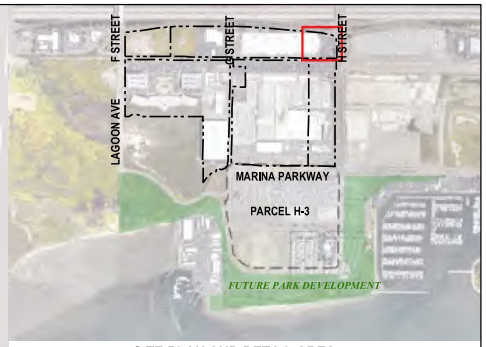

SITE PLAN AND DETAIL AREA

1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY. ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

0 40 80

SCALE IN FEET

HALEY ALDRICH

ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - BUILDING 29 SOUTH

APRIL 2021

FIGURE 4E

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HALEY ALDRICH

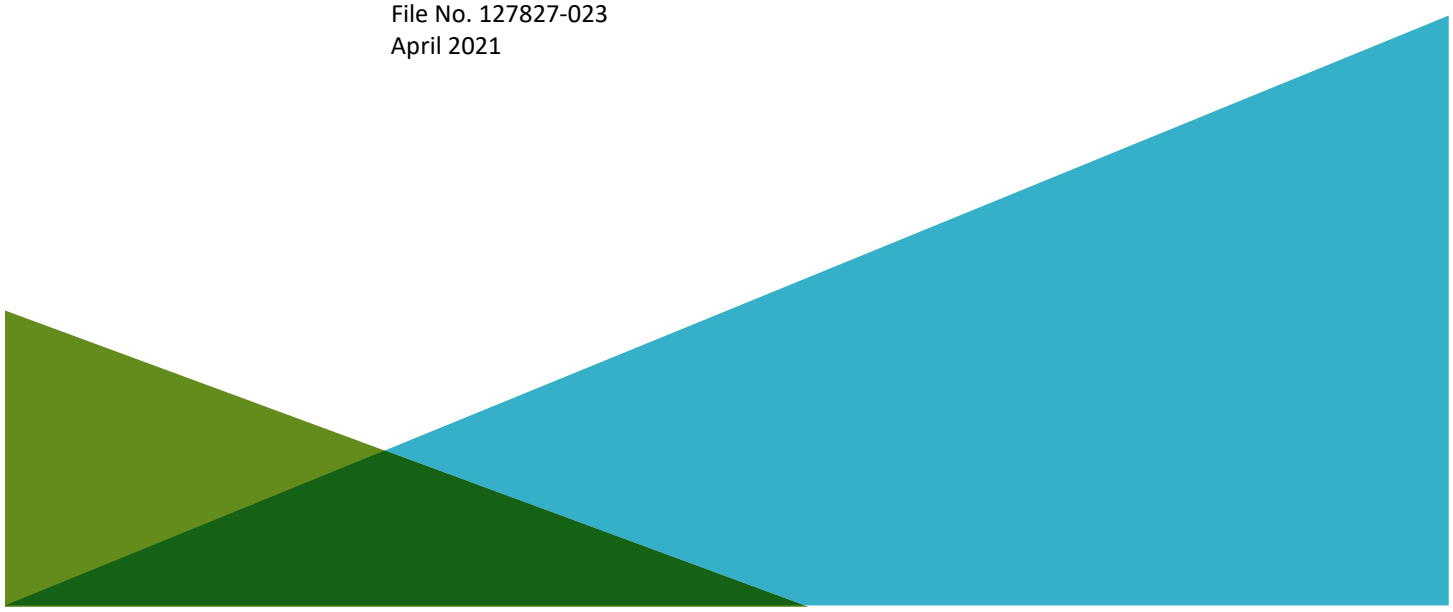
www.haleyaldrich.com

REVISED CONCEPTUAL SITE MODEL
ROHR, INC. – NORTH CAMPUS, PARCEL A
850 LAGOON DRIVE
CHULA VISTA, CALIFORNIA
GEOTRACKER ID T10000011095

by
Haley & Aldrich, Inc.
San Diego, California

for
Rohr, Inc., a Collins Aerospace Company
Chula Vista, California

File No. 127827-023
April 2021



HALEY & ALDRICH, INC.
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Suite 300
San Diego, CA 92108
619.280.9210

April 30, 2021
File No. 127827-023

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

Attention: Mr. Tom Alo

Subject: Revised Conceptual Site Model
Rohr, Inc. – North Campus, Parcel A
850 Lagoon Drive
Chula Vista, California
GeoTracker ID No. T10000011095

Dear Mr. Alo:

Haley & Aldrich, Inc., is submitting this Revised Conceptual Site Model (CSM) to the San Diego Regional Water Quality Control Board (SDRWQCB) on behalf of Rohr, Inc., a Collins Aerospace Company, for Parcel A of its North Campus facility at 850 Lagoon Drive, in Chula Vista, California. The Parcel A CSM was revised in response to the SDRWQCB's letter dated April 13, 2021. A response to comments matrix (Table 1) is attached to this letter with our responses. Please contact the undersigned if you have any additional comments or questions regarding this Revised Parcel A CSM.

Sincerely yours,
HALEY & ALDRICH, INC.

Robert K. Scott

Robert K. Scott, PG, CHg, QISP
Senior Associate Hydrogeologist

c: Raytheon Technologies Corporation; Attn: Mr. John Baron
Rohr, Inc., a Collins Aerospace Company; Attn: Mr. Tyler Adkins
Wohl Property Group; Attn: Mr. Emil Wohl
GSI Environmental Inc.; Attn: Mr. Gino Bianchi-Mosquera
AECOM; Attn. Mr. Jerome Zimmerle

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TABLE 1
RESPONSE TO COMMENTS MATRIX
SDRWQCB LETTERS DATED DECEMBER 8, 2020, FEBRUARY 25, 2021, AND APRIL 13, 2021
ROHR - NORTH CAMPUS CONCEPTUAL SITE MODEL (PARCEL A ONLY)
CHULA VISTA, CALIFORNIA

COMMENT NO.	CSM SECTION	DECEMBER 8, 2020 LETTER		FEBRUARY 25, 2021 LETTER		APRIL 13, 2021 LETTER	
		SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD COMMENT	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE	SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD RESPONSE	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE	SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD RESPONSE	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE
A						This section should include details on the recognized environmental condition (REC) and a discussion whether a data gap exists. The REC should be included in Table 1 and discussed in Section 6 accordingly.	Based on clarification provided during a telephone call on April 19, 2021, the SDRWQCB was referencing the following statement appearing in the Partner Phase I: "Additional sampling is proposed for the adjacent parcels to the north." While the statement is unclear, Partner is referencing the three additional vacant parcels north of those that are subject to the Phase I and property sale: 340 Bay Boulevard and the two additional parcels to the north at 798 F Street. These parcels are part of Parcel C and will be described in the sitewide CSM.
1	Section 2.1 Site Geology	This section indicates that the geology beneath Parcel A is different than the geology beneath the former South Campus Site and other portions of the North Campus Site (i.e., Parcels B and C) in terms of the composition of the fill material. Parcel A is more than 1,000 feet upland of the former shoreline and, as such, there is no bay mud or extensive fill present. Based on these differences, evaluate whether the soil background cleanup levels and the groundwater protection levels (GPLs) developed for the former South Campus Site are applicable to Parcel A. Include this evaluation in the feasibility study for Parcel A.	Comment noted. While the geologic units may be different on Parcel A compared to the former South Campus and Parcel B on the North Campus, the soil types are the same based on review of boring logs for these areas. The soil for each of the areas is generally fine-grained. The GPLs are soil matrix dependent and protect groundwater to concentrations equal to the Maximum Contaminant Level (MCL). Each GPL for the South Campus Property was~~-~~selected using one **of** two methodologies: 1) based on leachate results obtained from soil samples collected across the South Campus property, or 2) calculated from a soil partition equation. As noted above, the soil matrix of the vadose zone soil on both the South Campus Property and the North Campus Property is similar. Therefore, the leachability of chemicals from soil on either property would be similar as would the GPL derived based on soil leachability. As for the GPLs selected using a partition equation calculation, the soil type in the equation was conservatively assumed to be sand, a more coarse-grained matrix that would result in less chemical adsorption and a lower GPL than if a more fine-grained matrix were assumed.~~-~~Therefore the GPLs derived using either methodology would be applicable at both the South Campus Property and the North Campus Property. An evaluation will be included in the Feasibility Study for Parcel A, that will be presented in the Soil Remedial Action Plan.	Clarify whether the following text in your response should be “of” and not “or” (highlighted and underlined): “Each GPL for the South Campus Property was selected using one or two methodologies: 1) based on leachate results obtained from soil samples collected across the South Campus property, or 2) calculated from a soil partition equation. As noted above, the soil matrix of the vadose zone soil on both the South Campus Property and the North Campus Property is similar.”	The "or" should be "of," and has been revised (bold text in the original response in the Rohr response column to the left).		
2	Section 3 Environmental Features	The environmental features listed in Table 1 are difficult to identify on Figure 2. Revise Figure 2 to make each environmental feature easily identifiable.	Figure 2 has been revised to make the environmental features easily identifiable. Table 1 has been revised to include the corresponding Map ID in the first, rather than third column, followed by the name of the feature. Non-numbered features are shown on the figures with text and/or shading and this is noted in Table 1. As we discussed on December 9, 2020 the sample locations appear on a separate figure (now Figure 3) to simplify Figure 2 and show environmental features only.	No additional comments.			

TABLE 1
RESPONSE TO COMMENTS MATRIX
SDRWQCB LETTERS DATED DECEMBER 8, 2020, FEBRUARY 25, 2021, AND APRIL 13, 2021
ROHR - NORTH CAMPUS CONCEPTUAL SITE MODEL (PARCEL A ONLY)
CHULA VISTA, CALIFORNIA

COMMENT NO.	CSM SECTION	DECEMBER 8, 2020 LETTER		FEBRUARY 25, 2021 LETTER		APRIL 13, 2021 LETTER	
		SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD COMMENT	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE	SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD RESPONSE	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE	SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD RESPONSE	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE
3	Section 4.1 Extent of Chemicals in Vadose Zone Soil	The soil background cleanup levels and GPLs developed for the former South Campus Site may or may not be applicable for Parcel A as described in comment 1. If these screening levels cannot be used, soil background cleanup levels and GPLs must be developed for Parcel A and, at a minimum, this section of the CSM report must be revised.	Similar to the GPLs, soil background thresholds are dependent on soil type, in addition to geology, and location. Soil background thresholds are typically derived from on-site soil or soil in proximity to a site that has similar soil properties and generally of similar geologic origin. Due to the similar soil types on both the South Campus Property and the North Campus Property and their proximity to one another, the soil background thresholds derived for the South Campus Property are considered to be relevant at the North Campus Property.	Include an evaluation in the Feasibility Study for the soil background levels similar to the proposed evaluation for GPLs described in your response to Comment 1 above.	Comment noted. An evaluation will be included in the soil Feasibility Study.	No additional comments.	
4	Section 4.1 Extent of Chemicals in Vadose Zone Soil	The following figures should be included in the CSM report. These figures will provide a more focused view of the vadose-zone soil samples collected and analyzed per chemical class and per environmental feature, which will help to identify data gaps. These figures should also be referenced and discussed in Section 6 of the CSM report. a. Chemical Class Figures. Separate figures, similar to Figures 4 through 8 in the North Campus report titled "Phase II Environmental Site Assessment – Project Springsteen, Parcel B" (January 2018), showing (1) the vadose-zone samples collected at Parcel A for each chemical class: Title 22 metals, hexavalent chromium, pesticides, volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons, and polychlorinated biphenyls; and (2) the vadose-zone samples that exceed soil screening criteria. b. Environmental Feature Figures. Separate figures with callout boxes, similar to Figures 6 through 61 in the South Campus report titled "Soil Cleanup and Abatement Completion Report – North of Exchange Parcel" (July 2020), showing the vadose-zone soil samples collected at Parcel A that are used to assess the subsurface conditions in the vicinity of each environmental feature. These figures should be consistent with Figure 2 and the information provided in Table 1.	Chemical Class Figures for vadose zone soil are included (Figures 7A through 7F) for the COPCs on Parcel A. The figures are referenced in the text as requested. Environmental Feature Figures are provided as Figures 4A through 4D. As we discussed on December 9, 2020, we agreed that a figure for each environmental feature was not necessary. The site has been split into four areas from north to south with a smaller map scale so that the sample locations associated with an environmental feature can be identified more easily. These figures are consistent with Figure 2, Figure 3 and Table 1.	Confirm that all soil borings listed in the column titled "Previous Soil Assessment Summary" of Table 1 are shown on Figures 3, 4A-4D, and 7A-7F. Some of the borings are missing from these figures, such as the 2013 UT borings. Also, confirm that all soil vapor probes are shown on Figures 3 and 9.	Figures 3, 4A-4D and 7A-7F have been reviewed and revised to include borings indicated in the noted column in Table 1.	No additional comments.	
				Include the boring ID numbers on Figure 7A.	Figure 7A has been revised to include the boring IDs.	No additional comments.	
				In Table 1, the soil borings and vapor probes listed for aboveground storage tank (AST) Nos. 201 and 202 are reversed and should be switched.	Table 1 has been corrected.	No additional comments.	
				Underground storage tank (UST) No. 3-09598 is identified as a historical environmental feature with total petroleum hydrocarbons (TPH) and metals as chemicals of potential concern (COPCs). Borings B29-33 (A, B, and C) and UT-22 are used to assess the soil conditions in the vicinity of this UST. Explain how the COPCs in soil near this UST are adequately characterized given that the soil samples collected at borings B-29-33 (A, B, and C) were not analyzed for TPH and metals as shown on Figures 7B and 7F, respectively. Additionally, boring UT-22 is missing from Figures 3, 4A-4D, and 7A-7F. Include boring UT-22 on these figures.	This UST was granted closure by the San Diego Department of Environmental Health since petroleum hydrocarbons were not present in soil and required no further investigation. Borings B29-33 (A,B.C) were advanced to investigate a former lathe. The additional borings were advanced to investigate whether PCBs or VOCs might be associated with the former lathe. The figures have been updated to include the location of boring UT-22. Soil from this boring was analyzed for VOCs, since VOCs may be COPCs associated with this feature.	Metals were originally listed as one of the potential chemicals associated with this UST. Explain why metals were removed and replaced with VOCs.	The URS Phase I (URS, 2013) identifies VOCs as the only COPCs other than TRPH for this feature. Metals are not COPCs for this feature. Table 1 will remain as is for this feature. Subsequent sub-slab vapor sampling indicated that certain VOCs were reported at levels above screening criteria and step-out soil samples were collected and analyzed during the Haley & Aldrich Data Gap Assessment (borings B29-35A, -35B and -35C; Haley & Aldrich, 2020).
				AST No. 203 is identified as a historical environmental feature with TPH and metals as COPCs. Boring UT-19 is the only boring used to assess the soil conditions in the vicinity of this AST. Explain how the COPCs in soil near this AST are adequately characterized given that boring UT-19 is approximately 90 feet to the west. Additionally, boring UT-19 is missing in the TPH and metals figures (Figures 7B and 7F, respectively). Include boring UT-19 on these figures.	UT-19 has been added to Figures 7B and 7F. No vapor sample could be obtained from vapor probe PW-10 due to tight soil conditions. While no impacts to groundwater were observed downgradient of this feature in UT-19, we believe that the absence of soil data is not a data gap based on the explanation provided in Table 1.		

COMMENT NO.	CSM SECTION	DECEMBER 8, 2020 LETTER		FEBRUARY 25, 2021 LETTER		APRIL 13, 2021 LETTER	
		SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD COMMENT	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE	SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD RESPONSE	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE	SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD RESPONSE	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE
4	Section 4.1 Extent of Chemicals in Vadose Zone Soil			AST No. 161 is identified as a historical environmental feature with volatile organic compounds (VOCs) and metals as COPCs. Borings (UT-25, B29-10, and B29-15) and vapor probes (B29-V13, B29-V16, and PW-11) are used to assess the soil and soil vapor conditions near this AST. Boring B29-15 and vapor probe B29-V16 should not be used because they are greater than 300 feet south of this AST as shown on Figure 3.	Feature No. 161 was a former paint booth that was present at two different locations as noted in the comments in Table 1 and as shown on Figure 3, B29-15, and B29-V16 investigated the second (southern) location of that the paint booth in Building 29.		
				Degreaser No. 300 is identified as a historical environmental feature with VOCs as COPCs. Table 1 indicates that trichloroethene (TCE) is the only chemical exceeding the GPLs and/or the Department of Toxic Substances Control (DTSC) screening levels based on the soil borings advanced near this degreaser. Confirm that no other chemicals exceed these criteria.	There are no other chemicals that exceed GPLs and/or DTSC-SLs in soil associated with this degreaser. There are however several COPCs that exceed their respective screening criteria for soil vapor, which has been noted in the comments associated with this feature in Table 1.	Soil associated with this degreaser is not characterized. Therefore, Table 1 and Section 6 should indicate that a data gap exists.	Table 1 and Section 6 have been revised to indicate that there is a data gap at Degreaser No. 300.
				The mills and lathes (No. 304) are identified as a historical environmental feature with VOCs and polychlorinated biphenyls (PCBs) as COPCs. Borings (B29-21 and B29-32 through B29-35) and vapor probes (B29-V17 and PW-14) are used to assess the soil and soil vapor conditions near this environmental feature. Boring B29-32 should not be used because it is located on the opposite end of Building 29 as shown on Figure 3. Vapor probes B29-V19 and PW-15 should be included for assessing the soil vapor conditions because they are located in the vicinity of this environmental feature. Note that these vapor probes exceed the soil vapor screening criteria for TCE.	Comment noted. The mills and lathes were at four different locations and are not described individually in Table 1. The vapor probes noted have been added to the description associated with these environmental features. It has been noted in the comments that there were Vapor ESL exceedances at these locations.	The soil samples associated with each mill/lathe should be listed separately in Table 1, similar to the Former Paint Booth (two locations).	Table 1 has been revised to describe each mill/lathe independently. These features are depicted as feature nos. 304A, 304B, 304C and 304D on the site maps.
				The former maintenance department is identified as a historical environmental feature with TPH and VOCs as COPCs. Table 1 indicates that TCE is the only chemical exceeding the GPLs and/or DTSC screening levels based on the soil borings advanced in the former maintenance department. Confirm that no other chemicals exceed these criteria.	There are no other chemicals that exceed GPLs and/or DTSC-SLs in soil in the former Maintenance Department. There are however several COPCs that exceed their respective screening criteria for soil vapor. Vapor ESL exceedances are noted in the comments associated with the former Maintenance Department.	Soil associated with the former maintenance department is not characterized. Therefore, Table 1 and Section 6 should indicate that a data gap exists.	Table 1 and Section 6 have been revised to indicate that there is a data gap at the former maintenance department.
				The former lumber yard is identified as a historical environmental feature with phenols as a COPC. Borings (UT-25 and B29-8 through B29-11) and vapor probes (B29-V11 and B29-V13) are used to assess the soil and soil vapor conditions near the former lumber yard. Boring UT-25 should be not used because the soil samples were not analyzed for semi-volatile organic compounds (SVOCs) as shown on Figure 7C. Vapor probes PW-11 and PW-12 should be included for assessing the soil vapor conditions because they are located within the footprint of the former lumber yard. Note that these vapor probes exceed soil vapor screening criteria for specific VOCs as shown on Figure 9.	The vapor probes were used to investigate the former Maintenance Department not the lumber yard and have been removed from the description of this historical environmental feature in Table 1. The vapor exceedances associated with these vapor probes are noted under the comments for the former Maintenance Department.	Per our original recommendation, vapor probes PW-11 and PW-12 should be included in Table 1 for assessing the soil vapor conditions within the former lumber yard. Table 1 and Section 6 should also indicate that a data gap exists because vapor probes PW-11 and PW-12 exceed the soil vapor screening criteria for specific VOCs shown on Figure 9.	Table 1 has been updated as requested; however, the source of the soil vapor is related to an unspecified source that is coincident with the footprint of the former lumberyard. Based on the PW-11 and PW-12 soil vapor screening criteria exceedances, the area has been identified as a data gap since the soil vapor concentrations exceed screening criteria.

TABLE 1
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ROHR - NORTH CAMPUS CONCEPTUAL SITE MODEL (PARCEL A ONLY)
CHULA VISTA, CALIFORNIA

COMMENT NO.	CSM SECTION	DECEMBER 8, 2020 LETTER		FEBRUARY 25, 2021 LETTER		APRIL 13, 2021 LETTER	
		SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD COMMENT	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE	SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD RESPONSE	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE	SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD RESPONSE	ROHR, INC., A COLLINS AEROSPACE COMPANY RESPONSE
4	Section 4.1 Extent of Chemicals in Vadose Zone Soil			The former agricultural property is identified as a historical environmental feature with metals (specifically arsenic) and organochlorine pesticides (OCPs) as COPCs. Borings B99-01 through B99-04 and borings B29-01 through B29-20 are used to assess the soil conditions near this environmental feature. Borings B29-08 through B29-20 should not be used because they are not within the footprint of this environmental feature as shown on Figure 3.	Table 1 has been revised to not include borings B29-08 through B29-20 since these borings lie outside the area historically used for agricultural purposes.	No additional comments.	
		The San Diego Water Board will consult with the California Office of Environmental Health Hazard Assessment to discuss the exposure pathways shown on Figure 13. Written comments will be provided to Rohr during the development of the Human Health Risk Assessment for Parcel A.	Comment noted.				
6	Section 6 Data Gap Assessment	Data gaps exist for soil at the former Maintenance Department located in Building 29. The San Diego Water Board agrees with Rohr's proposal to further delineate soil exceeding screening levels during the construction of the new loading dock and the implementation of the soil Remedial Action Plan for Parcel A.	Comment noted.				
7		Data gaps exist for indoor air at Building 29. The San Diego Water Board agrees with Rohr's proposal to conduct indoor air sampling after Building 29 improvements are completed. The improvements include the construction of the new loading dock (which will include further delineation and excavation of trichloroethene-impacted soil) and installation of a sub-slab depressurization system (SSD). Rohr is installing an SSD to address the potential for vapor intrusion due to the elevated soil vapor concentrations present beneath Building 29. Indoor air sampling will be conducted after the completion of these improvements to verify vapor intrusion is a not concern.	Comment noted.				
8		Revise this section, as necessary, based on the chemical class figures and environmental feature figures recommended in Comment 4.	No revisions were necessary to Section 6 based on the chemical class and environmental features figures recommended in Comment No. 4.				

HALEY & ALDRICH, INC.
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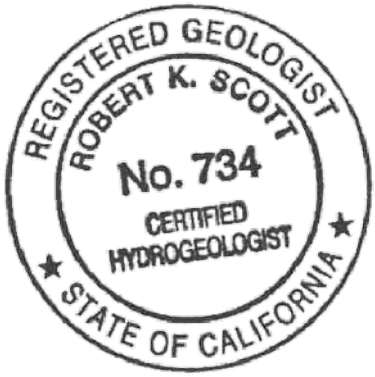
SIGNATURE PAGE FOR

REVISED CONCEPTUAL SITE MODEL
ROHR, INC. – NORTH CAMPUS, PARCEL A
850 LAGOON DRIVE
CHULA VISTA, CALIFORNIA

PREPARED FOR
ROHR, INC., A COLLINS AEROSPACE COMPANY
CHULA VISTA, CALIFORNIA

PREPARED BY:



Robert K. Scott, PG, CHg, QISP
Senior Associate Hydrogeologist
Haley & Aldrich, Inc.

REVIEWED AND APPROVED BY:

Mehdi Miremadi
Principal
Haley & Aldrich, Inc.

Executive Summary

Haley & Aldrich, Inc., prepared this Revised Conceptual Site Model (CSM) on behalf of Rohr, Inc., a Collins Aerospace Company, (Rohr) for Parcel A of its North Campus facility located at 850 Lagoon Drive, in Chula Vista, California (Site). Rohr has decommissioned and is in the process of selling portions of its facility that occupies approximately 82 acres. The Site has been divided into three parts: Parcels A, B, and C. In September 2020, Rohr sold the property that includes Buildings 29, 99, and 100 on Parcel A to PSIP Wohl Bay Boulevard LLC (Owner). The Owner is also purchasing the vacant parcels at 360, 364, and 368 Bay Boulevard, formerly included on Parcel C, and is negotiating the purchase of 350 Bay Boulevard. These parcels are also included in this Revised CSM. With these added parcels, Parcel A occupies approximately 15.3 acres. Parcel B is in the process of being sold, and Parcel C will be retained and continue to be owned and operated by Rohr. The Owner intends to raze the northern portion of Building 29 to build a loading dock and may raze Buildings 99 and 100 to redevelop this parcel and the adjoining vacant properties to the north.

Rohr's industrial activities on the North Campus included the manufacture and assembly of aerospace parts, primarily engine parts and covers (nacelles). Parcel A consists of two areas: Buildings 99 and 100 and the adjacent vacant properties north of G Street, and Building 29 south of G Street. Industrial activities and historical chemical use on Parcel A were more limited compared to the main manufacturing portions of the facility located on Parcel B and the former South Campus. Building 29 was primarily used for tooling, machining, and office space. At one time, the northernmost portion of Building 29 served as the Maintenance Department. Rohr purchased Buildings 99 and 100 in 1986 and primarily used them for administrative purposes. Rohr acquired the vacant Bay Boulevard properties to the north of Buildings 99 and 100, including 350, 360, 364, and 368 Bay Boulevard in 1999 from the City of Chula Vista (City) as part of the 1999 Relocation Agreement. Rohr has not conducted any activities on the vacant Bay Boulevard properties since they acquired them from the City. Prior to Rohr's ownership, Parcel A had other uses.

Phase I Environmental Site Assessments have identified historical environmental features that could be potential sources of chemicals beneath Parcel A. These features included aboveground storage tanks, underground storage tanks, paint booths, and vapor degreasers. Previous investigations on Parcel A have included extensive soil, soil vapor, and groundwater sampling. Indoor air screening has been performed in Building 29. The available soil, soil vapor, and indoor air screening data have been compared to relevant screening criteria.

Soil samples have been analyzed for the following chemicals of potential concern (COPCs): total recoverable petroleum hydrocarbons, total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs; including phenols and polynuclear aromatic hydrocarbons), polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), and Title 22 Metals. The analyses performed were specific to the historical environmental features identified on Parcel A. There were five COPCs reported in soil at concentrations above their respective Total Threshold Limit Concentration (TTLC), Groundwater Protection Level (GPL), and/or commercial/industrial California Department of Toxic Substances Control Screening Level (DTSC-SL) on Parcel A: trichloroethene (TCE), PCBs, DDE, dibenz(a,h)anthracene, and arsenic. The five COPCs that exceed a GPL or commercial/industrial DTSC-SL have been reported at five locations in the Building 29 Area (B29-23, B29-24, B29-05, B29-07A, and B29-12). Arsenic was compared to the background concentration established for the former South Campus. Seven locations exceeded background (B29-02, B29-03,

B29-03A, B29-03B, B29-07, B29-07A, and B29-07B). There were no soil exceedances in the Buildings 99 and 100 Area or on the vacant parcels to the north except for BB-23, where DDE was reported at the TTLC of 1 milligram per kilogram (mg/kg) and below the commercial/industrial DTSC-SL of 9.3 mg/kg.

Five locations adjacent to Parcel A along the drainage swale in the railroad right-of-way (ROW) reported DTSC-SL exceedances for PCBs (UT-02), benzo(a)pyrene, and dibenz(a,h)anthracene (UT-18, UT-21, and UT-66). Arsenic was reported above Site-specific background in UT-03. The railroad ROW is not owned by Rohr and is not part of Parcel A.

Sub-slab and deeper soil vapor samples were compared to the San Francisco Bay Regional Water Quality Control Board's commercial/industrial sub-slab/soil gas Vapor Environmental Screening Levels (Vapor ESLs). The following VOCs were reported in soil vapor at concentrations above the Vapor ESLs: TCE, tetrachloroethene, chloroform, benzene, bromodichloromethane and ethylbenzene. The exceedances were reported at the locations of historical environmental features in Building 29. There were no environmental concerns related to soil vapor in Buildings 99 and 100. The TCE indoor air screening data were compared to the U.S. Environmental Protection Agency Region 9 Interim TCE Indoor Air Response Levels (RLs). The RL exceedances during the February 2019 screening event were in the former Maintenance Department, where VOCs have been detected in soil, soil vapor, and groundwater. As an immediate interim action, Rohr increased air circulation by keeping the fans operating and the doors opened as well as sealing the cracks and joints in the slab in the northern portion of the building.

This Revised CSM was developed based on the Site history, location, and geology. Parcel A is situated at elevations ranging from approximately 13 to 28 feet above mean sea level datum. Unlike Parcel B, Parcel C, and the Former South Campus, located to the west at lower elevations and adjacent to the former shoreline of San Diego Bay, the geology beneath Parcel A is relatively simple. It is underlain, in descending order, by limited fill material, the Bay Point Formation, a clay aquitard, and the San Diego Formation. Because Parcel A is more than 1,000 feet upland of the former shoreline, there are no bay deposits or extensive fill present on this portion of the North Campus facility. However, a comparison of boring logs for Parcel A, Parcel B, and the South Campus suggest that the soil types are similar and fine-grained. While it is believed that background and GPLs for soil derived for the Former South Campus are relevant, an evaluation will be included in the Feasibility Study for Parcel A that will be presented in the Soil Remedial Action Plan.

Historical environmental features on Parcel A have been investigated for their specific COPCs in soil, soil vapor, indoor air, and shallow groundwater. Historical chemical sources are coincident with former Site areas associated with long-term chemical usage. VOC releases have migrated through the soil to groundwater, resulting in a groundwater plume that extends westward below Parcel B. Soil vapor has the potential to migrate through the building slab and into indoor air. Potential receptors to soil and soil vapor include an on-Site commercial/industrial worker, a landscaper/utility worker, and a construction worker. Exposure pathways and receptors will be evaluated during the Human Health Risk Assessment (HHRA).

Based on our assessments, it is our opinion that the existing soil and soil vapor data support the Revised CSM and are adequate to proceed with an HHRA and a Soil Feasibility Study/Soil Remedial Action Plan (Soil FS/RAP). The COPCs analyzed, sample locations, and sample depths have been reviewed specific to each environmental feature to evaluate whether it has been adequately characterized.

There are no soil data gaps for TPH, SVOCs, PCBs, OCPs, and Title 22 Metals. There are soil data gaps for VOCs in the former Maintenance Department, including the small degreaser (Historical Environmental Feature No. 300). If additional sampling is needed to delineate soil that may require remediation, it can be conducted during the Soil FS/RAP once the building slab has been removed and the soil is being excavated to construct the loading dock.

The soil vapor surveys identified locations beneath Building 29 where VOCs are present at concentrations that exceed the Vapor ESLs. The locations of the exceedances are coincident with historical environmental features and VOCs in soil and groundwater. The Owner will be installing a sub-slab depressurization system (SSDS), and other remedies will be considered in the Soil FS/RAP for addressing vapor intrusion. The historical features that were associated with VOCs have been adequately investigated; however, there is a data gap associated with soil vapor at PW-11 and PW-12, where VOCs were reported above Vapor ESLs.

Indoor air screening was conducted based on the findings of the soil gas surveys and addressed cracks and other penetrations to the slab in Building 29. No indoor air sampling was necessary in Buildings 99 and 100. As previously noted, the Soil FS/RAP will address soil during construction of the loading dock. The SSDS will also address potential vapor intrusion into the building. While indoor air sampling is a data gap, the data will only be relevant if the data are collected post-redevelopment prior to building occupancy. It is recommended that indoor air sampling be conducted at that time to address potential vapor intrusion concerns.

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List of Abbreviations

Abbreviation	Definition
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter
Adrian Brown	Adrian Brown Consultants
ASTs	aboveground storage tanks
bgs	below ground surface
CAO	Cleanup and Abatement Order
City	City of Chula Vista
COPCs	chemicals of potential concern
CSM	Conceptual Site Model
DEH	San Diego Department of Environmental Health
DTSC	California Department of Toxic Substances Control
DTSC-SLs	California Department of Toxic Substances Control Screening Levels
EPA	U.S. Environmental Protection Agency
GPL	Groundwater Protection Level
GSI	GSI Environmental Inc.
Haley & Aldrich	Haley & Aldrich, Inc.
HBRGs	health-based remediation goals
HHRA	Human Health Risk Assessment
MCL	Maximum Contaminant Level
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MSL	mean sea level
NFA	No Further Action
ng/kg	nanograms per kilogram
OCPs	organochlorine pesticides
Owner	PSIP Wohl Bay Boulevard LLC
Partner	Partner Engineering and Science, Inc.
PAHs	polynuclear aromatic hydrocarbons
PCBs	polychlorinated biphenyls

List of Abbreviations
(continued)

Abbreviation	Definition
PCE	tetrachloroethene
Phase I	Phase I Environmental Site Assessment
Phase II	Phase II Environmental Site Assessment
RLs	Response Levels
Rohr	Rohr, Inc., a Collins Aerospace Company
RSLs	U.S. EPA Region 9 Regional Screening Levels
ROW	right-of-way
SDRWQCB	San Diego Regional Water Quality Control Board
Site	Parcel A of the Rohr, Inc., a Collins Aerospace Company, North Campus facility located at 850 Lagoon Drive, City of Chula Vista, California
Sitewide CSM	conceptual site model to address soil and soil gas for Parcels B and C as well as groundwater for the entire Site
Soil FS/RAP	Soil Feasibility Study/Remedial Action Plan
Soil RAP	"Revised Soil Remedial Action Plan, Former South Campus, North of Exchange Parcel, Chula Vista, California"
SSDS	sub-slab depressurization system
STLC	Soluble Threshold Limit Concentration
SVOCs	semi-volatile organic compounds
SWCS	Storm Water Conveyance System
TCE	trichloroethene
the 1998 CAO	CAO No. 98-08
TPH	total petroleum hydrocarbons
TRPH	total recoverable petroleum hydrocarbons
TTLC	Total Threshold Limit Concentration
URS	URS Corporation
URSGWC	URS Greiner Woodward-Clyde
USTs	underground storage tanks
VAP	Voluntary Assistance Program
Vapor ESLs	San Francisco Bay Regional Water Quality Control Board Sub-Slab/soil Gas Vapor Environmental Screening Levels
VOCs	volatile organic compounds
Woodward-Clyde	Woodward-Clyde Consultants

1. Site Background

1.1 SITE SETTING

Haley & Aldrich, Inc., (Haley & Aldrich) prepared this Revised Conceptual Site Model (CSM) on behalf of Rohr, Inc., a Collins Aerospace Company, (Rohr) for Parcel A of its North Campus facility located at 850 Lagoon Drive, in the City of Chula Vista, California (Site). Rohr has decommissioned and is in the process of selling portions of its facility that occupies approximately 82 acres. The Site has been divided into three parts: Parcels A, B, and C. In September 2020, Rohr sold the property that includes Buildings 29, 99, and 100 (APN 567-022-30 and the eastern portion of 571-330-29) on Parcel A to PSIP Wohl Bay Boulevard LLC (Owner). The Owner is also planning to purchase the vacant parcels at 360, 364, and 368 Bay Boulevard (APNs 567-022-28, 567-022-31 and 567-022-33) and is negotiating purchase of 350 Bay Boulevard (APN 567-022-17). These parcels, formerly included in Parcel C, are also included in this Revised CSM. With these added parcels, Parcel A occupies approximately 15.3 acres. The Owner intends to raze the northern portion of Building 29 to build a loading dock and may raze Buildings 99 and 100 to redevelop this parcel and the adjoining vacant properties to the north. Parcel B is in the process of being sold; and Parcel C will be retained and continue to be owned and operated by Rohr.

Haley & Aldrich prepared and submitted a CSM for the North Campus to the San Diego Regional Water Quality Control Board (SDRWQCB) on May 19, 2020 (Haley & Aldrich, 2020b). The SDRWQCB issued a letter on October 27, 2020, (SDRWQCB, 2020) commenting on the North Campus CSM. Haley & Aldrich responded to the SDRWQCB's comments in a letter dated November 19, 2020.

As discussed on our conference call with the SDRWQCB on November 4, 2020, the Owner's consultant, GSI Environmental Inc., (GSI) and Haley & Aldrich, the Owner plans to make some improvements to Building 29 for a tenant that will occupy the building in early 2022. The SDRWQCB has agreed that Rohr can submit a separate CSM specific to Parcel A for soil and soil vapor. This document is the CSM specific to Parcel A. A subsequent CSM will be submitted to address soil and soil vapor for Parcels B and C as well as groundwater for the entire Site (Sitewide CSM). The SDRWQCB is also in the process of finalizing a new Cleanup and Abatement Order (CAO) for the North Campus (CAO No. R9-2020-0099) that will supersede CAO No. 98-08 (the 1998 CAO).

The Site's location is shown on Figure 1; the Site's boundaries and Assessor's Parcel Numbers are shown on Figure 2. Parcel A includes the properties occupied by Buildings 29, 99, and 100 and the vacant properties north of Buildings 99 and 100 at 350, 360, 364, and 368 Bay Boulevard. Parcel A is bounded on the east by Bay Boulevard, on the west by the San Diego and Arizona Eastern Railroad right-of-way (ROW) and Parcels B and C, on the north by the remainder of Rohr's vacant Bay Boulevard properties that are part of Parcel C, and on the south by H Street and Rohr's former South Campus. The former South Campus is owned by the San Diego Unified Port District.

Parcel A is approximately 1,000 feet upland of the former San Diego Bay shoreline. Ground surface elevations range from approximately 13 to 28 feet above mean sea level (MSL). There are no surface water features on the Site. The storm water conveyance system (SWCS) in the Building 29 Area is simple and includes the drain lines shown on Figure 2 that discharge to an asphalt-lined drainage swale. Surface water in the swale flows south toward H Street (Rick Engineering, 1998). Surface water sheet flows across the vacant properties to an unlined drainage swale on the west where it infiltrates or flows south and joins sheet flow from the Building 99 and 100 Area that flows west along the north side of G

Street into the SWCS between Parcels B and C. The SWCS discharges to a tidal inlet to San Diego Bay west of Building 61 on Parcel C.

1.2 SITE HISTORY

The history of Parcel A is primarily derived from information appearing in the following documents:

- Phase I Environmental Site Assessment (Phase I) prepared by Adrian Brown Consultants ([Adrian Brown], 1998);
- Data Compilation and Evaluation Report prepared by Woodward-Clyde Consultants ([Woodward-Clyde], 1998);
- Phase I prepared by URS Corporation (URS) when United Technologies Corporation acquired Goodrich Aerostructures Group (URS, 2013);
- Phase I prepared by Haley & Aldrich for Buildings 29, 99, and 100 on Parcel A (Haley & Aldrich, 2016a); and
- Phase I prepared by Haley & Aldrich for the Vacant Bay Boulevard Properties (Haley & Aldrich, 2016b).

The Owner recently had a Phase I ESA performed by Partner Engineering and Science, Inc. (Partner) for the parcels at 350, 360, 364 and 368 Bay Boulevard (Partner, 2020).

Rohr's industrial activities on the North Campus included the manufacture and assembly of aerospace parts, primarily engine parts and covers (nacelles). These manufacturing operations included metal cutting, punching, bending, stretching, forming, anodizing, alodining, milling, etching, and painting as well as chemical handling and storage, wastewater treatment, and material recycling. Chlorinated solvents, acids, caustics, cutting oils, petroleum fuel products, and metals were historically used at the North Campus. Other activities conducted at the facility included manufacturing and assembling light rail cars, buses, large array antennas, and missiles, among others (Bodhi, 2013).

Parcel A consists of two areas that have been part of the Rohr manufacturing facility. Buildings 99 and 100 and the vacant properties are located north of G Street, and Building 29 is located south of G Street. Industrial activities and historical chemical use on Parcel A were more limited compared to the main manufacturing portions of the facility located on Parcel B and the former South Campus. Rohr acquired the vacant Bay Boulevard properties from the City of Chula Vista (City) as part of the 1999 Relocation Agreement. Rohr has conducted no activities on these properties since acquiring them from the City.

Prior to Rohr's ownership, the parcels at 350, 360, 364, and 368 Bay Boulevard were developed agriculturally as a citrus grove from as early as 1929 to approximately 1944. The parcels were used for row crop cultivation from that time until at least 1953. The properties were then developed with mixed commercial/industrial and residential use as summarized in the following table.

Street Address	Occupants/Businesses
350 Bay Boulevard	Casey Const. Co. (1956) B & H Metal Co., metal goods (1964) Jackson's Auto Wrecking/Import Auto (1970-1985) Campbell Enterprise (1981)
360 Bay Boulevard	B & H Metal Co. (1956-1964) A & R Used Auto Parts (1964-1985)
364 Bay Boulevard	So. Bay Veterinary Hospital (1956-1964) Post Aircraft Co./For Mac Co., aircraft parts rear (1960-1964)
368, 368½ Bay Boulevard	Mansell Marine Inc./So. Bay Marine & Boat (1956-1964) San Diego Pump & Compressor (1964-1985) Residential (1976-1985)

Businesses that occupied these parcels included aircraft parts manufacturing, refrigeration unit repair, storage, junkyards, and a veterinary hospital (Haley & Aldrich, 2016b). 350 and 360 Bay Boulevard were formerly used for auto maintenance and repair, auto dismantling, and salvaging that included a gold ore extraction/recovery operation. By the mid-1980s, many of the properties were acquired by the City and business operations ceased. Rohr considered purchasing the vacant Bay Boulevard properties in the late 1980s to construct its corporate headquarters but purchased the property west of the railroad ROW instead. Rohr has never used or conducted any operations on the vacant Bay Boulevard properties.

Rohr purchased Buildings 99 and 100 in 1986 and primarily used them for administrative purposes. Test laboratories were housed in Building 100. Building 29 was constructed in phases beginning in about 1957 through 1962. Both areas of Parcel A were owned by others and used for other purposes prior to Rohr's ownership. (Adrian Brown, 1998; Woodward-Clyde, 1998; URS, 2013; Haley & Aldrich, 2016a, 2016b, 2018a). These other historical uses included agriculture, a trailer park, employee parking, truck engine repair, and a possible lumber yard. Based on historical aerial photographs, the area occupied by Buildings 99 and 100 were citrus groves as early as the 1920s, and the northern portion of the Building 29 Area was also used for agriculture. The agricultural use of portions of Parcel A appears to have taken place through the 1940s.

Building 29 was primarily used for tooling, machining, and office space for most of its history. At one time, the northernmost portion served as the Maintenance Department for the facility. Most recently the building housed laboratories, kitting, an After-Market Spares Warehouse, Service Center and FAI repairs, storage, tool calibration, product development, and office space.

Another former building (Building 28) was built on the southern portion of Parcel A in the mid-1940s and served as offices, including finance and payroll. The building was located south of Building 29 and was demolished around 2000. The area is now occupied by a parking lot.

1.3 SITE ASSESSMENT AND REMEDIATION

Historical environmental features on Parcel A are listed in Table 1 and shown on Figure 2. Site assessment activities were initiated in the late 1980s when Rohr considered purchasing the vacant properties for constructing its corporate office complex (Building 107).

Several investigations and soil remediation activities were conducted specific to 350-360 Bay Boulevard under the regulatory oversight of the San Diego County Department of Environmental Health (DEH) Voluntary Assistance Program (VAP) and the City received a No Further Action (NFA) Letter contingent on continued commercial/industrial property use.

Adrian Brown completed a Phase I in 1998 (Adrian Brown, 1998) to comply with the directives appearing in the 1998 CAO issued to Rohr by the SDRWQCB (SDRWQCB, 1998a, 1998b). The Adrian Brown Phase I predates Rohr's acquisition of the vacant Bay Boulevard properties from the City in 1999. The Phase I identified historical environmental features that could be potential sources of chemicals in soil on the North Campus and included aboveground storage tanks (ASTs), underground storage tanks (USTs), paint booths, and vapor degreasers. Woodward-Clyde also prepared a compilation and evaluation of existing Site and adjacent property data as another directive under the 1998 CAO (Woodward-Clyde, 1998). This document includes information on the vacant Bay Boulevard property site assessment activities that was available at that time. In 2013, URS completed a Phase I as part of due diligence during the sale of Rohr to United Technologies Corporation (URS, 2013). In addition, Haley & Aldrich completed two Phase Is in 2016: one for Buildings 29, 99, and 100 and the other for the vacant Bay Boulevard properties in anticipation of a property sale (Haley & Aldrich, 2016a, 2016b).

Previous investigations on Parcel A have included soil, soil vapor, and groundwater sampling. Indoor air screening has been performed in Building 29. Analytical results for soil and soil vapor samples are provided in Tables 2 through 4. The sample locations are shown on Figure 3. Figures 4A though 4E provide detail maps at smaller scale from north to south so that the environmental features and their associated boring locations can be seen more clearly. Indoor air screening results for Building 29 are summarized in Tables 5 and 6.

Site assessment activities on Parcel A, conducted under SDRWQCB oversight, have included the following:

<u>350, 360, 364, and 368 Bay Boulevard</u>

- Eleven direct-push and Hydropunch borings; and
- Twenty-two soil and two groundwater sample analyses.

Previous assessment and remediation activities conducted at 350 and 360 Bay Boulevard under DEH oversight are described in Section 1.3.2 below. Information related to these investigations is limited to that appearing the Woodward-Clyde "Data Compilation and Evaluation Report" (Woodward-Clyde, 1998) and some documentation in the DEH's electronic library database.

<u>Buildings 99 and 100</u>

- Six direct-push and Hydropunch borings;
- Nine sub-slab vapor probes and one deeper vapor probe; and
- Ten soil, nine sub-slab soil vapor, one deeper soil vapor, and one groundwater sample analyses.

Building 29

- Sixty-six direct-push and Hydropunch borings;
- Seventeen temporary sub-slab soil vapor probes;
- Twenty-one temporary deeper soil vapor probes; and
- One-hundred twenty-six soil, seventeen sub-slab soil vapor, twenty-three deeper soil vapor, and nineteen groundwater sample analyses.

Several borings (seven; borings UT-02, -03, -18, -19, -20, -21 and -66) were advanced and fourteen samples analyzed during URS' 2013 supplemental remedial investigation on the adjacent parcel occupied by the railroad ROW. While these data are described and included in this Revised CSM, they are not located on Parcel A.

A chronology of the Site assessment activities on Parcel A is provided in the following sections.

1.3.1 Fuel UST Closures

In 1986, four fuel USTs in the Building 99 and 100 Area were removed and closed under permit with the DEH. McLaren Environmental Engineering conducted a subsurface investigation prior to Rohr's purchase of the property formerly occupied by Valley Detroit Diesel. Four groundwater monitoring wells (MW-A through MW-D) were installed on the perimeter of the Building 99 and 100 Area. Total recoverable petroleum hydrocarbon (TRPH) and volatile organic compound (VOC) concentrations in soil and groundwater were relatively low or not detected (Woodward-Clyde, 1998). In June 1996, the DEH provided Rohr with approval to destroy the wells.

1.3.2 350 and 360 Bay Boulevard Site Assessment

The following summary is primarily based on information appearing in the "Data Compilation and Evaluation Report" prepared by Woodward-Clyde in 1998 (Woodward-Clyde, 1998) and limited information in the DEH electronic library database. In October 1987, Woodward-Clyde conducted soil excavation, disposal, sampling, and analysis for the City related to petroleum hydrocarbons. Soil with petroleum hydrocarbon concentrations greater than 1,000 milligrams per kilogram ([mg/kg]; 85 cubic yards) was excavated and properly disposed. Lead (greater than 200 mg/kg) was detected in surface soil at 350 Bay Boulevard, around the area believed to have been formerly used for gold ore extraction. A sample contained Soluble Threshold Limit Concentration (STLC) lead at a concentration of 20 milligrams per liter (mg/L), which was above the regulatory limit of 5 mg/L.

In 1988, when Rohr obtained an option to purchase these parcels, Woodward-Clyde collected 25 surface soil samples at random locations and installed and sampled three groundwater monitoring wells (MW-1B, MW-2B and MW-3B). Soil lead concentrations ranged from 75.2 to 16,400 mg/kg and STLC lead concentrations ranged from 1.0 to 538 mg/L. The lead concentration in groundwater in well MW-1B was below the Maximum Contaminant Level (MCL) of 0.050 mg/L. Trichloroethene (TCE) was also reported in well MW-2B at a concentration of 14 micrograms per liter (µg/L).

In 1991, TorStan destroyed well MW-3B and characterized surface soil on the property for the City. Soil sample were analyzed for total and STLC lead (44 samples), organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), and dioxin and furans. Total lead concentrations in the samples

analyzed ranged from 13.3 to 3,490 mg/kg. Three samples contained lead above the Total Threshold Limit Concentration (TTLC) of 1,000 mg/kg. STLC lead ranged from not detected (<0.275 mg/L) to 84.6 mg/L, and 24 samples contained STLC lead above the regulatory limit of 5 mg/L. The upper 80 percent confidence interval concentrations for TTLC and STLC lead were 399 mg/kg and 12.0 mg/L, respectively. OCPs were detected in the 12 samples analyzed, and included DDE and DDT at concentrations ranging from approximately 0.0075 to 0.0361 mg/kg, below the TTLC regulatory limit of 1.0 mg/kg for each compound. PCBs (as Aroclor 1254) were also present in 10 of the 12 soil samples at concentrations ranging from 0.063 to 2.585 mg/kg.

Four additional soil samples were analyzed for PCBs, and dioxin and furans. Two of the samples contained PCBs (Aroclor 1254 and 1260) at concentrations of 0.055 and 7.438 mg/kg. Dioxins and furans were detected in two of the four samples analyzed. Compounds detected included hexa, hepta and octa isomers; concentrations ranged from 3.2 to 1883.7 nanograms per kilogram (ng/kg). TorStan concluded that the concentrations of the isomers detected were below the TTLC for tetradioxins (10,000 ng/kg). Soil containing PCBs was excavated and properly disposed off-site under DEH oversight.

TorStan conducted quarterly groundwater monitoring of wells MW-1B and MW-2B in 1991 and 1992. No OCPs were detected in groundwater samples when analyzed during the first quarter 1991. TCE concentrations in well MW-2B were above the MCL of 5 µg/L during each monitoring event. According to DEH records, MW-2B was destroyed, but MW-1B could not be located. It is unclear if this well remains on the property.

In February 2001, the lead-containing soil was excavated across the property to a depth of 2 feet, and 800 cubic yards of lead-containing soil was removed and consolidated with burn ash from the Shinohara Burn Site on Otay Valley Road. The materials were used as part of the foundation of the cap for the former Otay Class I Landfill operated by San Diego County. This landfill was permitted to accept hazardous waste. Confirmation soil samples were collected from the perimeter and the floor of the excavation at random locations. The mean total lead concentration of the confirmation samples was 54 mg/kg, and the upper 95% confidence interval was 71 mg/kg. An NFA letter was provided to the City by the DEH VAP on September 17, 2001.

1.3.3 1998 Phase I Environmental Site Assessment

Adrian Brown was retained to conduct a Phase I of the Rohr facility in 1998 (Adrian Brown, 1998) in compliance with the 1998 CAO issued by the SDRWQCB. In this Phase I, Adrian Brown identified possible Site environmental features potentially containing hazardous substances and petroleum products such as process lines, sewers, sumps, drains, storm sewers, tanks, storage vessels, equipment vaults, degreasers, waste treatment storage areas, and chemical use areas. The historical environmental features identified by Adrian Brown are included on Figure 2.

1.3.4 San Diego Formation Aquifer Testing

In 1998 and 1999, URS Greiner Woodward-Clyde (URSGWC) conducted a drilling program to assess subsurface geology and hydrogeology of the San Diego Formation at the Rohr Site (URSGWC, 1999). These data were collected to support the redesignation of the groundwater basin uses from beneficial to non-beneficial for the area west of Interstate 5. The drilling program identified subsurface geology to a depth of approximately 550 feet and evaluated the vertical hydraulic connection between shallow groundwater and a deeper, coarse-grained gravel zone identified at 180 to 200 feet below ground

surface (bgs) by conducting aquifer testing. In addition to the five wells installed (DB-2, DB-4, DB-5, OW-3, and OW-4), two pressure transducers (OW-1 and OW-2) were installed in separate grouted boreholes to monitor changes in pressure within the aquitard during aquifer testing. Three wells (DB-2, DB-4, and DB-5) and the two transducers (OW-1 and OW-2) were recently destroyed under permit with the DEH. Wells OW-3 and OW-4, screened in Upper Zone B and Lower Zone B, respectively, remain for monitoring purposes. Groundwater use remains beneficial west of Interstate 5.

1.3.5 Blanchard Grinder UST Closure

The former Blanchard Grinder UST (Rohr Tank No. 3-09598) was in the tooling area in the southern portion of Building 29 (see Table 1 and Figure 2). The machine sat on a metal plate above a concrete sump that served as a reservoir for coolant that was used to circulate through the unit while operating. URSGWC drilled soil borings in 1999 adjacent to this UST and analyzed samples for TRPH. None were detected. Based on the results, the DEH approved the in-place closure of this former sump.

1.3.6 2013 URS Supplemental Remedial Investigation

Following completion of a Phase I, URS conducted a Site investigation in 2013 when United Technologies Corporation acquired Goodrich Corporation (URS, 2015). During this investigation, 62 direct-push and four hand-auger borings were advanced to depths ranging from approximately 1 to 22 feet bgs on the Rohr facility. The investigation included soil and shallow groundwater sampling to identify potential sources of chemicals of potential concern (COPCs) at the facility. There were four borings drilled on Parcel A (UT-22, UT-23, UT-24, and UT-25) and seven other borings were advanced adjacent to the drainage swale west of Parcel A on the railroad ROW (UT-02, UT-03, UT-18 through UT-21 and UT-66). The borings were advanced hydraulically downgradient (west) and outside of buildings, except for UT-22. The results of the investigation were compared to industrial/commercial screening criteria consistent with the Site's commercial/industrial use. Soil samples from the borings were analyzed for VOCs, total petroleum hydrocarbons-extended range (TPH), semi-volatile organic compounds (SVOCs, specifically polynuclear aromatic hydrocarbons [PAHs}, PCBs, PAHs, Title 22 Metals, and hexavalent chromium depending on location and Site history. None of the soil samples from the borings on Parcel A contained COPCs at concentrations above their respective Groundwater Protection Level (GPL), commercial/industrial California Department of Toxic Substances Control (DTSC) Screening Level (DTSC-SL) or TTLC. However, there were some soil samples from the drainage swale that contained one or more COPCs above their respective screening criteria. Soil in UT-02 contained the PCB, Aroclor 1254 at a concentration of 770 micrograms per kilogram (µg/kg), exceeding its commercial/industrial DTSC-SL of 590 µg/kg. The PAHs, benzo(a)pyrene and dibenz(a,h)anthracene were reported in soil from borings UT-18, UT-21 and UT-66 exceeding their respective commercial/industrial DTSC-SLs of 1,300 and 310 µg/kg. The presence of these compounds is attributed to railroad operations unrelated to the Rohr facility.

1.3.7 2016 Haley & Aldrich Phase I and IIs

Following completion of Phase Is, Haley & Aldrich conducted supplemental Phase II Environmental Site Assessments (Phase IIs) in 2016 to investigate soil and groundwater on the Building 99 and 100 and Building 29 Areas (Haley & Aldrich, 2018a) and the vacant Bay Boulevard properties (including 350, 360, 364, and 368 Bay Boulevard [Haley & Aldrich, 2018b]). The locations of the borings advanced during the Phase IIs are shown on Figure 3. The results of the Phase II and Rohr's plans to sell Parcel A were

discussed with the SDRWQCB in late 2017. The SDRWQCB opened a GeoTracker ID for these areas to track investigation and remediation activities for these areas separately from the rest of the North Campus (Eastern Parcels, Global ID no. T10000011095). Subsequently, Rohr notified the SDRWQCB that it planned to retain the vacant Bay Boulevard properties to be included in Parcel C. A summary of the findings for each Phase II conducted by Haley & Aldrich is described below.

1.3.7.1 Buildings 29, 99, and 100

Haley & Aldrich advanced 25 soil borings and analyzed samples for the following COPCs: TPH, VOCs, SVOCs (phenols and PAHs), OCPs, PCBs, and Title 22 Metals. None of the soil samples analyzed for TPH, VOCs, SVOCs (phenols), or OCPs contained an analyte at a concentration above its respective commercial/industrial DTSC-SL except for one sample (B29-05-02) collected at 2 feet bgs that contained the PCB Aroclor 1260 (1,300 µg/kg) above its commercial/industrial DTSC-SL of 580 µg/kg. None of the samples contained any COPCs at a concentration above its GPL or TTLC.

Arsenic was reported in soil at three locations (B29-02, B29-03, and B29-07) on the northern portion of the Building 29 Area at concentrations greater than the Site-specific background threshold of 8 mg/kg (established for the Former South Campus), but below the Site-specific GPL of 24.3 mg/kg. None of the other Title 22 Metals were present in soil at concentrations exceeding screening criteria described in Section 4. No environmental concerns were identified in soil or groundwater in the Building 99 and 100 Area.

1.3.7.2 Vacant Bay Boulevard Properties

Haley & Aldrich advanced 27 soil borings and analyzed 49 soil and 9 groundwater samples for COPCs. Of the borings advanced and samples analyzed, 11 borings and 22 samples were specific to 350, 360, 364, and 368 Bay Boulevard. COPCs included TPH, VOCs, PAHs, OCPs, and Title 22 Metals. None of the soil samples analyzed were reported to exceed a GPL, commercial/industrial DTSC-SL or TTLC for the COPCs identified. One sample collected from BB-23 was reported to contain DDE at its TTLC of 1 mg/kg. Two in-situ groundwater samples from BB-17 and BB-23 were reported to contain arsenic slightly above the MCL of 0.010 mg/L (0.0149 and 0.0122 mg/L, respectively). The presence of low levels of arsenic in groundwater is likely naturally occurring and attributed to background.

1.3.8 2018 Sub-Slab Soil Vapor and Focused Deeper Soil Vapor Survey

In May 2018, and in preparation for the property sale, a soil vapor survey was conducted in Buildings 29, 99, and 100 in accordance with the California Environmental Protection Agency's "Advisory Active Soil Gas Investigations" dated July 2015 (Haley & Aldrich, 2018c). Sub-slab soil vapor sample locations were selected considering past Site use and previous subsurface VOC soil and groundwater concentrations. The soil vapor samples were analyzed by a mobile laboratory using U.S. Environmental Protection Agency (EPA) Method TO-15. The temporary vapor probe locations are shown on Figure 3.

Analytical results for sub-slab soil vapor samples are summarized in Table 3. VOCs were identified in sub-slab soil vapor samples collected beneath the slab of Building 29 and in the deeper soil vapor samples. Samples were collected at a depth of 1 foot below the slab. TCE was detected in 10 of the 17 sub-slab soil vapor sample locations beneath Building 29 at concentrations ranging from 42 to 920,000 micrograms per cubic meter (µg/m^3). The highest TCE concentration in the sub-slab soil vapor samples was detected at probe B29-V03.

Deeper soil vapor data are summarized in Table 4. The deeper soil vapor samples were collected at depths of 5 and 10 feet below the slab in the former Maintenance Department since groundwater beneath this area contains VOCs. TCE was detected in each of the deeper samples collected beneath and in proximity to Building 29 except for samples from probe B29-V05. TCE concentrations ranged from 100 to 3,000,000 µg/m^3 in the 5-foot samples, with the highest concentration detected in probe B29-V03. TCE was detected in three of the four soil vapor samples collected at 10 feet (just above the level of groundwater) at lower concentrations, ranging from 64 to 3,400 µg/m^3. This suggested that TCE in soil vapor was related to a shallow soil source. Based on these findings, Haley & Aldrich recommended supplemental indoor air and potential preferential pathway screening in the building. The SDRWQCB concurred with our recommendations.

Relatively low concentrations of some VOCs were reported in soil vapor samples collected beneath Buildings 99 and 100. None of the VOC concentrations exceeded screening criteria and as such, are not considered an environmental concern.

1.3.9 2018 - 2019 Indoor Air Screening

In September 2018, Haley & Aldrich conducted indoor air screening in Building 29 to evaluate whether total VOCs and TCE may be present in indoor air (Haley & Aldrich, 2018d). The screening was based on locations where TCE had been detected in soil, shallow groundwater, sub-slab soil vapor, and near slab penetrations that could serve as preferential subsurface vapor migration pathways. Air grab samples were screened using a photoionization detector and Hapsite gas chromatograph. It should be noted that the measurements represent a moment in time rather than a time-weighted average concentration over an 8- or 10-hour workday. The results were only used for screening purposes and to determine if interim mitigation measures were warranted prior to implementing building improvements (beyond sealing potential preferential pathways for vapor intrusion). The results of the indoor air screening indicated no immediate interim measures appeared to be required for Building 29.

TCE screening results for September 2018 are summarized in Tables 5 and 6 for the breathing zone and preferential pathways, respectively. The TCE screening results ranged from 0.012 µg/m^3 to 2 µg/m^3, except for two locations where 4.2 µg/m^3 and 5.5 µg/m^3 were measured in the breathing zone near utility trenches in proximity to a floor slab crack, suggesting that potential preferential pathways may be contributing to TCE screening results observed in indoor air. None of the results were greater than the EPA Region 9 Indoor Air Response Action Level of 8 µg/m^3 for TCE, also identified by DTSC as the commercial/industrial worker accelerated response action level assuming an 8-hour workday. No immediate interim measure was required in the building. However, there were several samples in the building where the TCE screening results were greater than the lower end of the health protective risk range for the 8-hour workday for a commercial/industrial worker (3 µg/m^3). This concentration is based on a 1 x 10^{-6} risk threshold assuming chronic long-term exposure.

Indoor air screening was conducted again in February 2019 at the same locations based on DTSC guidance (Haley & Aldrich, 2019). Doors and windows that are typically open were closed in February. TCE screening results for the February 2019 event for the breathing zone and preferential pathways are summarized in Tables 5 and 6, respectively. There were six locations in the northern portion of Building 29 where TCE screening results in the breathing zone were greater than the accelerated response action level for the commercial/industrial 8-hour workday (8 µg/m^3). TCE screening results at six additional locations in the northern half of Building 29 were greater than the lower end of the health protective risk range for the 8-hour workday for a commercial/industrial worker (3 µg/m^3). As an immediate

interim measure, Rohr increased air circulation by keeping fans operating and doors opened. In September 2019, Haley & Aldrich sealed cracks and joints in the slab in the former Maintenance Department.

1.3.10 2020 Data Gap Assessment

A data gap assessment was conducted in January 2020 to further characterize the nature and extent of VOCs in soil and groundwater and conduct some step-out sampling in areas where arsenic and PCBs had been detected above screening levels during the Phase II (Haley & Aldrich, 2018a; 2020a). Arsenic was detected in soil at a concentration slightly greater than the GPL of 24.3 mg/kg in step-out boring B29-07A (24.6 mg/kg). The other analyzed step-out samples contained arsenic concentrations less than the GPL. PCBs were not detected at concentrations greater than the commercial/industrial DTSC-SL in soil samples collected from the step-out borings for boring B29-05.

Several borings were advanced in the former Maintenance Department to identify the potential source of TCE in soil gas and groundwater beneath this area. Soil samples B29-24-010 and B29-23-010 were collected at 1 foot bgs beneath the former Maintenance Department. The samples contained TCE at concentrations greater than the EPA Region 9 commercial/industrial Regional Screening Level ([RSL]; there is no DTSC-SL) of 6 mg/kg (7.83 and 37.8 mg/kg, respectively). TCE in soil sample B29-23-010 also exceeded the GPL of 27 mg/kg. Groundwater analytical results indicated that TCE was present at up to 1,490 µg/L in boring B29-23 beneath the former Maintenance Department. It is our understanding that a relatively small degreaser, once located in this area, appears to have been the source of TCE and other VOCs detected in soil, soil vapor, and groundwater in this area. None of the soil samples contained a COPC concentration above its respective TTLC.

Step-out borings were also conducted around the former mill and lathe locations. None of the COPCs in soil were reported at concentrations above GPLs, commercial/industrial DTSC-SLs, or TTLCs.

1.3.11 2020 GSI Phase II Screening Investigation

GSI conducted a Phase II screening investigation on Parcel A (excluding 350, 360, 364, and 368 Bay Boulevard) in August 2020 on behalf of the Owner (GSI, 2020). The investigation included additional soil and soil vapor sampling and analyses.

The soil analytical results are included in Table 2. Tetrachloroethene (PCE) was detected in PW-12 in soil at a concentration of 4.7 µg/kg at 1.5 feet bgs, and TCE was detected in PW-07 at a concentration of 23 µg/kg at 1.5 feet bgs. PCE and TCE were not detected above laboratory reporting limits in other soil samples. PCBs (Aroclor-1260) were only detected in PW-11, at a concentration of 180 µg/kg and below the screening criteria. PCBs in other samples analyzed were not detected above the reporting limits. No analytes were detected in soil samples at concentrations exceeding GPLs, commercial/industrial DTSC-SLs, TTLCs, or background soil concentrations for arsenic.

Seventeen soil vapor samples (including two duplicate samples) were collected at 15 locations from depths between approximately 3 and 5 feet bgs and analyzed for VOCs. Soil vapor analytical results are included in Table 4. TCE was the constituent detected at the highest concentrations in both the GSI and Haley & Aldrich soil vapor assessments. GSI concluded that the soil analytical results did not indicate a need for additional assessment on Parcel A, and the soil vapor results were generally consistent with the data collected by Haley & Aldrich in 2018.

1.3.12 2020 Partner Phase I for 350, 360, 364, and 368 Bay Boulevard

Partner conducted a Phase I for the property buyer in late 2020 (Partner, 2020). Partner concluded that the parcels had a recognized environmental condition, since they are part of the ongoing larger Eastern Parcels (Parcel A, Case Number T10000011095) investigation under the oversight of the SDRWQCB.

2. Site Description

2.1 SITE GEOLOGY

Parcel A is situated at elevations ranging from approximately 13 feet above MSL on the south and 28 feet above MSL on the north. Parcel A is underlain, in descending order, by limited fill material, the Bay Point Formation, a clay aquitard, and the San Diego Formation. Because Parcel A is more than 1,000 feet upland of the former shoreline, there are no bay muds or extensive fill present on this portion of the North Campus facility. Geologic cross sections A-A' (north-south) and B-B' (east-west in the Former Maintenance Department) are provided as Figures 5 and 6, respectively.

2.1.1 Artificial Fill

Artificial fill generally consisted of yellow to brown, silty fine to medium sand with degraded asphalt and sub-angular fine gravel were observed during the Phase II and the data gap assessment (Haley & Aldrich, 2018a and 2020a). The maximum thickness of fill encountered was approximately 5 feet, in boring B29-33A.

2.1.2 Bay Point Formation

The Bay Point Formation can also be referred to as Quaternary alluvium, as suggested by Wes Danskin formerly with the United States Geological Survey (W. Danskin, pers. comm.). The thickness of the Quaternary sediment can be highly variable in the San Diego embayment, ranging from approximately 200 feet to possibly as much as 700 feet. The Bay Point is Pleistocene in age and was deposited in nearshore marine and onshore fluvial depositional environments.

The Bay Point Formation consists of an interbedded sequence of clay, silt, and silty sand to the total depth explored (approximately 30 feet). The strata are predominantly composed of reddish brown to yellowish brown clay and silt with some thin, discontinuous lenses of silty sand. The coarser-grained lenses are typically saturated below a depth of approximately 12 feet bgs.

2.1.3 Clay Aquitard

A blue-gray estuarine clay, designated as a "clay aquitard" occurs below the sandy interval at about 125 to 150 feet bgs (Huntley, 2000). The clay aquitard was identified during URSGWC's San Diego Formation aquifer testing program. The clay aquitard varies in thickness from 20 feet to almost 40 feet. A blue-gray clay layer has also been encountered beneath the North Campus at a depth of approximately 125 to 150 feet bgs with a thickness of 20 to 65 feet. Although the aquitard materials encountered may differ in color at various locations throughout the North Campus and Former South Campus, the materials are characterized as clay with a low hydraulic conductivity.

2.1.4 San Diego Formation

There is a 20-foot-plus thick interval of coarse sands, gravels, and cobbles beneath the clay aquitard that is attributed to the San Diego Formation (Huntley, 2000). These strata were investigated during a drilling and aquifer testing program that Rohr conducted in 1998 and 1999 on behalf of the Sweetwater Authority to characterize the hydrogeology beneath the North Campus (URSGWC, 1999). These coarser-grained sediments were referred to as the Upper Gravel Unit in the URSGWC study and, based on

geophysical logs and borehole flowmeter logging, Huntley suggested that the Upper Gravel Unit is the most productive zone investigated during this study (Huntley, 2000). The Upper Gravel Unit is underlain by a series of discontinuous lenses of fine to medium sands, silty sands, clayey sands, and silts and clays to a depth of at least 400 feet bgs (Huntley, 2000).

The San Diego Formation consists of two portions: the upper and lower members. The upper member of the San Diego Formation is present on the land surface in the vicinity of downtown San Diego and Chollas Creek but does not seem to be present or exposed in the South Bay, where the Site is located. The upper member was deposited in a higher energy environment, closer to the continent; the lower member was deposited in a lower energy environment, typical of a deeper marine environment. The thickest section of the San Diego Formation is located adjacent to the southeastern edge of San Diego Bay, south of the Site.

The age of the San Diego Formation is less well defined but considered to be of the Plio-Pleistocene age. Like the Quaternary sediment, the San Diego Formation was deposited in nearshore marine and onshore fluvial depositional environments. The contact with the overlying Quaternary alluvium is erosional and very difficult to distinguish in the subsurface and in geophysical logs. The term "San Diego Formation" has historically been used quite liberally, and in some instances, probably inaccurately. For example, marine mollusks present in the clay aquitard during URSGWC's study were found to be Pleistocene age and part of the Quaternary sediments (Bay Point Formation).

Recent work by the United States Geological Survey indicates that San Diego Formation groundwater near the Sweetwater and Otay Rivers is isotopically enriched, reflecting the process of seawater intrusion (Anders et al, 2013). Furthermore, chloride concentrations decline within the saline section of the San Diego Formation at depths of about 500 to 820 feet bgs, indicating that the greatest quantity of regional groundwater recharge (originating in higher elevations to the east), may flow through the coastal aquifer at these depths.

2.2 SITE HYDROGEOLOGY

Because this Revised CSM focuses on soil and soil gas on Parcel A, the discussion of Site hydrogeology is limited to depth and flow direction in the uppermost water-bearing zone (Zone A). Groundwater is present in the Bay Point Formation ranging in depth from approximately 10 to 20 feet bgs, based on observations during drilling and water levels in the wells that are north of Building 99. Boring logs for the direct-push borings and the monitoring wells are provided in Appendix A. The locations of the borings and the existing and former monitoring wells are shown on Figure 3. The thickness of the vadose zone on Parcel A ranges from approximately 10 to 20 feet based on this information. The direction of groundwater flow is generally to the west. Wells present on Parcel A have been limited to those installed for the San Diego Formation aquifer testing program (URSGWC, 1999). Two monitoring wells remain north of Building 99 and serve as upgradient wells. OW-3 is screened in Upper Zone B at 10 to 30 feet bgs, and OW-4 is screened in Lower Zone B at 60 to 80 feet bgs.

3. Environmental Features

Historical environmental features on Parcel A are described in Table 1. The table first describes Rohr operational features, followed by pre-Rohr operational features. The information has been compiled from numerous historical sources and the results of Site assessment activities. References are also noted and listed on the last page of the table. As previously described, soil remediation activities on Parcel A have been limited to 350-360 Bay Boulevard and occurred prior to Rohr's acquisition of the property from the City. The City obtained an NFA letter for soil remediation performed on these two parcels. Rohr has not conducted any activities on the vacant Bay Boulevard properties.

Figure 2 shows former operational features, including buildings, ASTs, USTs, underground vessels, vaults, paint booths, degreasers, hydraulic equipment, and maintenance and storage areas. Rohr Tank IDs are noted in Table 1 and on Figure 2, where appropriate. The numbering of these features on Figure 2 corresponds to that appearing in Table 1. The numbering of the features in the table and on Figure 2 is consistent with the Adrian Brown Phase I (Adrian Brown, 1998), the URS Phase I (URS, 2013) and the Haley & Aldrich Data Gap Assessment (Haley & Aldrich, 2020a).

4. Distribution of Chemicals at the Site

The distribution of chemicals in vadose zone soil, soil vapor, and indoor air (based on screening) are described in the following sections. As previously described, no discussion of saturated soil is included in this Revised CSM as requested in the SDRWQCB letter dated October 27, 2020, since fill is not present in the saturated zone on Parcel A as noted on geologic cross-sections provided as Figures 5 and 6 and on the boring logs provided in Appendix A.

4.1 EXTENT OF CHEMICALS IN VADOSE ZONE SOIL

The Site soil data have been compared to the GPLs developed for the Former South Campus (Haley & Aldrich, 2014a, 2014b), the DTSC-SLs for commercial/industrial use (where no DTSC-SL is established, the EPA Region 9 commercial/industrial RSL was used, for example for TCE), and the TTLCs appearing in California Code of Regulations (CCR) Title 22 Section 66261.24 – Characteristic of Toxicity. In the case of arsenic, Site-specific background for the Former South Campus is greater than the commercial/industrial DTSC-SL (0.36 mg/kg). Therefore, soil arsenic concentrations were compared to background established for the South Campus (8 mg/kg; Haley & Aldrich, 2014a, 2014b).

The GPLs and background concentrations for the Former South Campus should be relevant for the North Campus since the operations were the same as the South Campus (they were the same facility) and the hydrogeology and soil types are very similar. The justification for applying these values will be described and evaluated in the Soil Feasibility Study/Soil Remedial Action Plan (Soil FS/RAP) that will be prepared for the North Campus. GPLs for vadose zone soil are summarized in Table 10 of the "Revised Soil Remedial Action Plan" (Soil RAP) for the northern portion of the South Campus (Haley & Aldrich, 2018b). A copy of this table is provided in Appendix B. The GPL for total PCBs is 130 mg/kg. The PCB concentrations in soil have been compared to the commercial/industrial DTSC-SL and TTLC in lieu of the GPL. The commercial/industrial DTSC-SL for total PCBs in 580 µg/kg and the TTLC is 50 mg/kg.

Soil samples on Parcel A have been analyzed for the following COPCs: VOCs, TPH, SVOCs (phenols and PAHs), PCBs, OCPs, and Title 22 Metals. Figures 7A through 7F summarize the assessment results by chemical class: Figure 7A – VOCs, Figure 7B – TPH, Figure 7C – SVOCs (including phenol and PAHs), Figure 7D - PCBs, Figure 7E – OCPs and Figure 7F – Title 22 Metals. Locations where samples were analyzed and did not contain a COPC for a particular chemical class above a screening criterion are shown in yellow. Locations where samples were not analyzed for that chemical class on the Site are shown in black. Locations where a sample exceeds a GPL are shown in blue, locations where soil exceeds a commercial/industrial DTSC-SL or RSL are shown in yellow and locations that exceed a TTLC are shown in orange. Locations that exceed the Site-specific background for arsenic are also shown in yellow. The COPC, sample depth and its concentration are noted on the figures for screening exceedances.

The analyses performed were specific to the historical environmental features noted in Table 1, and in many instances, none of the COPCs were detected at concentrations that warranted further investigation (see Figures 2 and 7A through 7F).

The locations and COPCs where exceedances of these criteria have been identified are shown in Table 7 and on Figures 7A for VOCs, Figure 7D for PCBs, Figure 7E for OCPs, and Figure 7F for Title 22 Metals (arsenic). The exceedances are described by chemical suite below:

4.1.1 VOCs

TCE was reported at a concentration above the GPL of 27 mg/kg at B29-23 in the former Maintenance Department in Building 29, where a small former degreaser was once located. The concentration reported was well below the TTLC of 2,040 mg/kg. B29-23 and B29-24 (also in Building 29) both reported soil TCE concentrations above the EPA Region 9 commercial/industrial RSL of 6 mg/kg. Both locations are approximately 3 feet south of a subterranean vault that runs along the northern portion of Building 29.

The extent of TCE (and VOCs) in soil on Parcel A is shown on the isoconcentration contour map provided as Figure 8. TCE in soil is primarily limited to the northern portion of Building 29 and a location in the southern portion of the building near the former Blanchard Grinder. As shown on cross sections provided as Figures 5 and 6, the vertical extent of TCE appears to be limited as well.

B29-23 and B29-24 lie within the footprint of the proposed loading dock where soil will be excavated during construction proposed by the new Owner. The area is currently underlain by thick reinforced concrete, since this area was used to test large and heavy equipment. There is also a complex network of subsurface utilities that supported the test laboratory. The extent of TCE in the former Maintenance Department can be conducted as needed prior to constructing the loading dock in this area.

4.1.2 TPH

None of the samples analyzed on Parcel A were reported to contain concentrations that exceeded their respective GPLs and DTSC-SLs for certain TPH carbon ranges.

4.1.3 SVOCs

Phenols were not detected in the samples analyzed in the vicinity of the former lumber yard that was formerly located on a portion of the Site. The PAH dibenz(a,h)anthracene was reported in soil at B29-12 above its commercial/industrial DTSC-SL of 0.31 mg/kg. While not on Rohr property, soil at three locations (UT-18, UT-21, and UT-66) in the adjacent railroad ROW contained benzo(a)pyrene and dibenz(a,h)anthracene above their commercial/industrial DTSC-SLs of 1.3 and 0.31 mg/kg, respectively. The PAHs are often associated with rail lines, and the presence of these compounds in the railroad ROW is attributed to railroad operations, not the Rohr facility.

4.1.4 PCBs

The PCB Aroclor 1260 was reported in B29-05 above its commercial/industrial DTSC-SL of 580 µg/kg and well below the TTLC of 50 mg/kg. Soil in step-out borings (B29-05A, -05B and -05C) was reported to contain PCBs at concentrations less than its TTLC and commercial/industrial DTSC-SL. Step-out sampling has delineated the extent of PCBs that are present in soil above its commercial/industrial DTSC-SL on Parcel A. While not on Rohr property, one location adjacent to Parcel A along the drainage swale in the railroad ROW reported a commercial/industrial DTSC-SL exceedance for PCBs (UT-02).

4.1.5 OCPs

A surface soil sample from BB-23 on 368 Bay Boulevard was reported to contain DDE at a concentration equal to its TTLC of 1 mg/kg. The concentration reported was below its commercial/industrial DTSC-SL of 6.2 mg/kg.

4.1.6 Title 22 Metals

Arsenic was compared to the background concentration established for the former South Campus. Arsenic in soil was reported above background and below the GPL of 24.3 mg/kg in the Building 29 Area that was historically used for agriculture. Seven locations exceeded Site-specific background (B29-02, B29-03, B29-03A, B29-03B, B29-07, B29-07A, and B29-07B). While not on Rohr property, one location adjacent to Parcel A along the drainage swale in the railroad ROW reported an arsenic concentration above background (UT-03).

Arsenic was reported in step-out boring B29-07A for B29-07 at a concentration of 24.6 mg/kg, slightly above the GPL, and well below the TTLC of 500 mg/kg. The boring is immediately adjacent to an underground utility bank. Based on the step-out sampling and the location of the utility bank, arsenic in soil exceeding the GPL is limited and has been delineated. The sample is located beneath pavement in an area that will undergo improvements by the Owner.

A Human Health Risk Assessment (HHRA) for Parcel A is in progress and has been submitted to the SDRWQCB. An evaluation of the relevance of soil background and GPLs developed for the Former South Campus to Parcel A will be included in the Feasibility Study for Parcel A that will be presented in the Soil RAP.

4.2 EXTENT OF CHEMICALS IN SOIL VAPOR

The soil vapor VOC data have been compared to the San Francisco Bay Regional Water Quality Control Board's commercial/industrial sub-slab/soil gas Vapor Environmental Screening Levels (Vapor ESLs). Tables 3 and 4 summarize sub-slab and deeper soil vapor results, respectively. Vapor ESL exceedances are listed in Table 8 and shown on Figure 9. There are no environmental concerns related to soil vapor in the Building 99 and 100 Area.

The following VOCs exceed their Vapor ESLs in sub-slab vapor samples in the following locations:

- TCE: B29-V03, B29-V04, B29-V07, B29-V08, B29-V09, B29-V10, B29-V16, and B29-V19;
- PCE: B29-V03, B29-V04, B29-V05, B29-V07, B29-V08, B29-V09, and B29-V16;
- Chloroform: B29-V03, B29-V07; and B29-V09; and
- Benzene: B29-V03, and B29-V05.

The following VOCs exceeded their Vapor ESLs in deeper soil vapor at the following locations:

- TCE: B29-V01, B29-V02, B29-V03, B29-V06, B29-V07, B29-V08, PW-01B, PW-02, PW-03, PW-04, PW-05, PW-06, PW-07, PW-09, PW-14, and PW-15;
- PCE: B29-V01, B29-V02, B29-V04, B29-V07, B29-V08, PW-05, PW-07, and PW-12;

- Chloroform: B29-V01, B29-V03, B29-V07, PW-02, PW-03, PW-04, PW-05, PW-06, PW-07, PW-08, PW-11, and PW-12;
- Benzene: B29-V01, B29-V02, B29-V05, B29-V06, and B29-V07; PW-04, PW-08, and PW-12;
- Bromodichloromethane: PW-09, PW-11, and PW-12; and
- Ethylbenzene: PW-09.

The TCE soil vapor concentrations on Parcel A are shown on the isoconcentration contour map provided as Figure 10. The distribution of soil vapor is consistent with the soil and groundwater VOC concentrations detected in the Building 29 Area as shown on the TCE isoconcentration contour maps for soil and groundwater provided as Figures 8 and 11, respectively. The Site data are sufficient to conduct the HHRA and develop HBRGs for soil vapor beneath Building 29. An HHRA for Parcel A is in progress. HBRGs are being developed for Parcel A, and this section of the Revised CSM will be updated based on the results of the HHRA.

4.3 INDOOR AIR SCREENING

The TCE indoor air screening data for the breathing zone appearing in Table 5 were compared to the EPA Region 9 Interim TCE Indoor Air Response Levels (RLs). The locations where measurements in the breathing zone exceeded the TCE indoor air RL are shown on Figures 12 and 13 for September 2018 and February 2019, respectively. The six exceedances during the February 2019 screening event were in the former Maintenance Department, where VOCs have been detected in soil, soil vapor, and groundwater as shown on Figures 8, 10 and 11, respectively. TCE screening results at six additional screening locations in the northern half of Building 29 were greater than the lower end of the health protective risk range for the 8-hour workday for a commercial/industrial worker (3 $\mu g/m^3$). As an immediate interim measure, Rohr increased air circulation by keeping fans operating and doors opened and sealed cracks and joints in the slab in the northern portion of the building. There are currently no occupants in the building.

5. Conceptual Site Model

As previously noted, historical chemical sources are coincident with former Site areas associated with long-term chemical usage. A summary of historical environmental features and status of their investigation are provided in Table 1. The Revised CSM for Parcel A is provided on Figure 14. Figure 15 shows the Site human health exposure pathways and depicts historical chemical sources, primary release mechanisms, primary impacted media, transport mechanisms, secondary impacted media, exposure routes, and potentially exposed receptors for Parcel A. Exposure pathways considered to be potentially complete will be quantified in the HHRAs. Those pathways considered to be insignificant will not be quantified.

6. Data Gap Assessment

Historical environmental features on Parcel A have been investigated for their specific COPCs in soil, soil vapor, and shallow groundwater. The detailed maps provided as Figures 4A through 4D show the locations of samples with respect to the historical environmental features on Parcel A from north to south. Figures 7A through 7F show the locations of samples with respect to the historical environmental features based on chemical class supporting the discussion in Section 6.1. Based on our assessments, it is our opinion that the existing soil and soil vapor data support the Revised CSM and are adequate to proceed with an HHRA and a Soil FS/RAP. The COPCs analyzed, sample locations, and sample depths have been reviewed specific to each environmental feature to evaluate whether it has been adequately characterized. Our assessment is provided in Table 1. The following data gaps are described for soil, soil vapor, and indoor air in the sections below. Groundwater data gaps on Parcel A will be described in the Sitewide CSM.

6.1 SOIL

6.1.1 VOCs

VOCs are COPCs for the Site, and extensive sampling has been conducted associated with its historical environmental features as shown on Figure 7A. There are data gaps for soil in the Former Maintenance Department, including the former location of a small degreaser (Historical Environmental Feature No. 300; B29-23 and B29-24). Additional sampling to delineate the extent of soil that may require remediation can be conducted when implementing the Soil FS/RAP following the removal of the building slab and excavation to construct the loading dock.

6.1.2 TPH

Extensive sampling for TPH was conducted for historical features that were known to use materials containing petroleum hydrocarbons (oils) as shown on Figure 7B. TPH was reported primarily in the oil carbon ranges (C17-C32) at concentrations below the GPL of 7,300 mg/kg and the commercial/industrial DTSC-SL of 18,000 mg/kg. Based on the number of samples analyzed and the locations and depths sampled, there are no data gaps associated with TPH at the Site.

6.1.3 SVOCs

Phenols were considered a COPC for a portion of the Building 29 Area that may have been occupied by a lumberyard as shown on Figure 7C. PAHs were also analyzed in the Building 29 Area. An assessment of this area for phenols indicated that none were reported at detectable concentrations, some PAHs were reported in soil, and dibenz(a,h) anthracene was detected at a concentration above its commercial/industrial DTSC-SL in B29-12. Based on the analytical results and the locations and depths sampled, there are no data gaps related to SVOCs, including phenols, and PAHs in Site soil.

6.1.4 PCBs

Extensive sampling for PCBs has been conducted beneath Building 29 as shown on Figure 7D. Building 29 was primarily used as a machine shop for tooling. There is one location where PCBs were detected above the commercial/ industrial DTSC-SL (B29-05). Step-out sampling indicated that the exceedance

was limited in extent. Based on sample results and the locations and depths sampled, there are no data gaps associated with PCBs in soil at the Site at this time.

6.1.5 OCPs

Soil has been analyzed in the Building 29 and Buildings 99 and 100 Areas, and 350, 360, 364 and 368 Bay Boulevard that were historically used for agriculture (see Figure 7E). Only one sample analyzed was reported with DDE concentrations at its TTLC, but the reported concentration was below its commercial/industrial DTSC-SL (BB-23). Based on the number of samples analyzed and the locations and depths sampled, there are no data gaps associated with OCPs at the Site.

6.1.6 Title 22 Metals

Extensive sampling for metals has been conducted on Parcel A as shown on Figure 7F. Of the metals, only arsenic has been detected above its GPL at one location (B29-07A) in the northern portion of Building 29 Area that was historically used for agriculture. The area is paved and immediately adjacent to a subsurface utility bank. If it is found that this area is disturbed during construction of the tenant improvements to Building 29, the limited volume of soil can be addressed at that time, if necessary. There are no data gaps with respect to metals (including arsenic) on Parcel A.

6.2 SOIL VAPOR

The soil vapor surveys identified locations beneath Building 29 where VOCs are present at concentrations that exceed the Vapor ESLs. The locations of the exceedances are coincident with historical environmental features, and impacted soil and groundwater as shown on the TCE concentration contour maps provided as Figures 8 and 11, respectively. The historical features that were associated with VOCs have been adequately investigated. However, there are two locations (PW-11 and PW-12) in Building 29 in the area that was once occupied by a lumber yard where VOCs were reported above Vapor ESLs and are considered data gaps. The Site data are sufficient to conduct the HHRA and develop HBRGs for soil vapor beneath Building 29. The Owner will be installing a sub-slab depressurization system (SSDS) to address soil vapor intrusion. Other remedies will also be considered in the Soil FS/RAP to address vapor intrusion.

6.3 INDOOR AIR

Indoor air screening was conducted based on the findings of the soil gas surveys and addressed cracks and other penetrations to the slab in Building 29. No indoor air sampling was necessary based on the soil vapor survey results in Buildings 99 and 100. The results of the September 2018 screening in Building 29 indicated that none of the results in the breathing zone were greater than the EPA Region 9 Interim TCE Indoor Air RL of 8 µg/m^3 for TCE. However, during the February 2019 screening, there were locations that were above the RL in the former Maintenance Department. Rohr implemented immediate interim actions to increase air circulation and sealed cracks and penetrations in the building slab in the former Maintenance Department. It should be noted that the measurements represent a moment in time rather than a time-weighted average concentration over an 8- or 10-hour workday. The results were only used for screening purposes and to determine if interim mitigation measures were warranted prior to implementing building improvements (beyond sealing potential preferential pathways for vapor intrusion). The results of the indoor air screening indicated no immediate interim measures appeared to be required for Building 29.

As previously noted, the Owner will be making improvements to Building 29 that include constructing a loading dock in the portion once occupied by the former Maintenance Department. In addition, the Owner will be removing TCE-containing soil as part of loading dock construction and installing an SSDS to address vapor intrusion. While indoor air sampling is a data gap, the data will only be relevant if the data are collected post-redevelopment prior to building occupancy by the tenant. It is recommended that indoor air sampling be conducted at that time to address potential vapor intrusion concerns.

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TABLES

TABLE 1
HISTORICAL ENVIRONMENTAL FEATURES
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Map ID (see Figure 2)	Areas or Features of Potential Environmental Concern	Location/ Building No.	Size (gallons unless otherwise specified)	Status	Potential Chemicals Associated with Feature/Area	Previous Soil Assessment Summary	COPCs Above GPLs and/or Comm/Ind DTSC-SLs in Soil	Soil Characterized?	Proper COPCs And Depths Analyzed?	Comments	References
Underground Storage Tanks/Underground Vessels											
3-09598	Machining Coolant UST (Blanchard Grinder)	29	1,345	closed	TPH, VOCs	Closure sampling, UT-22, B29-V19, PW-14	N	Y	Y	The Blanchard Grinder was a machine that sat above a concrete sump that served as a reservoir for coolant that was ciruclated through it while operating. ABC - Active in 1998 URS - Closed on 6/15/99 based on TRPH results	ABC Plate 9, URS Phase I, H&A Phase I, URS Phase II, H&A Vapor Survey
204	Wastewater Clarifier	29	U	inactive	TPH, VOCs, Metals	B29-17, PW-16	N	Y	Y	No issues in B29-17. VOCs detected did not exceed their respective Vapor ESLs.	H&A Phase I, H&A Phase II
200	Clarifier/Sump	100	U	inactive	TPH, VOCs, Metals	UT-03, B99-02, B100-V03, PW-01B	N	Y	Y	H&A reported in Phase I "uncertain if it remains present." Soil samples collected at 1 and 5 feet. No VOCs or PCBs detected. TPH detected at 1 foot at 170 mg/kg. Identified as a REC in H&A Phase I because groundwater was not sampled. No VOCs in soil vapor exceeding their respective Vapor ESLs.	URS Phase II, H&A Phase II, H&A Vapor Survey, GSI Phase II
Aboveground Storage Tanks/ Paint Booths											
T-29-1 (201)	Photo Lab Collection AST	29	1,100	removed	TPH, Metals	B29-04	N	Y	Y	Polyethylene wastewater collection tank from Photo Lab	H&A Phase I, H&A Phase II, H&A Vapor Survey
T-29-2 (202)	R&D Lab Collection AST	29	500	removed	TPH, Metals	B29-06	N	Y	Y	Polyethylene wastewater collection tank from R&D Labs	H&A Phase I, H&A Phase II
T-29-(HTS 1) (203)	HTSD Line (4 ASTs)	29	163 each	removed	None	No soil samples collected near feature.	N	N	N	Consisted of 4 ASTs: alkaline cleaning, hot water seal, rinse and wastewater. No issues in downgradient groundwater at UT-19. A soil vapor sample could not be collected at PW-10 due to no-flow conditions. The line was moved from the South Campus to this location in about 2000. the line was secondarily contained, showed no evidence of leakage, contained no hazardous materials and was infrequently used. For these reasons, there is no data gap.	H&A Phase I, URS Phase II, GSI Phase II
226	LPG Tanks (2)	29	436 each	removed/ inactive	None	NA	N	NA	NA	LPG tanks do not require investigation.	URS Phase I, H&A Phase I
161	Former Paint Booth (two locations)	29	U	removed	VOCs, Metals	UT-25, B29-10, B29-V13 (north location) B29-15, B29-V16 (south location)	N	Y	Y	ABC - Active in 1998 URS - North location not accessible; UT-25 advanced down gradient and outside building to evaluate potential effects on groundwater. URS - Removed in 2013. Relocated to southern part of Building 29, then relocated to Building 1 south of Machine Shop. H&A - Certain VOCs exceeded their respective Vapor ESLs at south location.	ABC Plate 9, URS Phase I, H&A Phase I, URS Phase II, H&A Phase II, H&A Vapor Survey, GSI Phase II

TABLE 1
HISTORICAL ENVIRONMENTAL FEATURES
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Map ID (see Figure 2)	Areas or Features of Potential Environmental Concern	Location/ Building No.	Size (gallons unless otherwise specified)	Status	Potential Chemicals Associated with Feature/Area	Previous Soil Assessment Summary	COPCs Above GPLs and/or Comm/Ind DTSC-SLs in Soil	Soil Characterized?	Proper COPCs And Depths Analyzed?	Comments	References
Degreasers											
300	Small Degreaser	29	U	removed	VOCs	B29-V03, B29-V04, B29-24, B29-26, PW-03, PW-06	TCE	N	Y	There was a small degreasing unit located in the northern portion of Building 29 in the Former Maintenance Department. Certain VOCs in soil vapor exceed their respective Vapor ESLs. There is a data gap for the degreaser. Further delineation can be conducted as needed when the new Owner excavates soil to construct a new loading dock.	H&A Data Gap Assessment, GSI Phase II
301	Cold Solvent Degreaser	29	U	closed	VOCs	B29-17, PW-16	N	Y	Y	Graymills Model T4330F Parts Washer H&A noted in Phase I "Obtained from retired APCD permit, 1998." Recent discussion with Rohr personnel indicates that this degreaser was in the southern portion of Building 29 in small tool repair. VOCs detected did not exceed their respective Vapor ESLs.	H&A Phase I and IIs, GSI Phase II
Other Operations/Equipment											
304A	Defiance Boring Mill (Col. F17)	29	NA	removed	VOCs, PCBs	B29-V06, B29-32A, -32B, -32C	N	Y	Y	H&A reported in the Phase I that photographs of the mills and lathes in the tooling area showed fluid on the floor surface.	H&A Phase I, H&A Phase II, H&A Vapor Survey, H&A Data Gap Assessment, GSI Phase II
304B	Froriep Vertical Turret Lathe (Col. L4)	29	NA	removed	VOCs, PCBs	PW-14, B29-33A, -33B, -33C	N	Y	Y	H&A reported in the Phase I that photographs of the mills and lathes in the tooling area showed fluid on the floor surface. VOCs in soil vapor exceed Vapor ESLs in PW-14.	H&A Phase I, H&A Phase II, H&A Vapor Survey, H&A Data Gap Assessment, GSI Phase II
304C	King Vertical Turret Lathe (Col. I4)	29	NA	removed	VOCs, PCBs	B29-V17, B29-34A, -34B, -34C	N	Y	Y	H&A reported in the Phase I that photographs of the mills and lathes in the tooling area showed fluid on the floor surface.	H&A Phase I, H&A Phase II, H&A Vapor Survey, H&A Data Gap Assessment, GSI Phase II
304D	Herbert Devleig Jig Mill, Moore Vertical Jig Borer, Oerlikon Jig Boring and Pratt & Whitney Jig Boring (Col. L3)	29	NA	removed	VOCs, PCBs	B29-V19, B29-35A, -35B and -35C	N	Y	Y	H&A reported in the Phase I that photographs of the mills and lathes in the tooling area showed fluid on the floor surface. VOCs in soil vapor exceed Vapor ESLs in B29-V19.	H&A Phase I, H&A Phase II, H&A Vapor Survey, H&A Data Gap Assessment, GSI Phase II
See Map Label	Former Maintenance Department	29	NA	NA	TPH, VOCs	Downgradient (UT-23, UT-24), B29-V03 through -V08 and -V10, B29-22 through -29, PW-02 through-07	TCE	N	Y	H&A Phase I reported that oils and potentially solvents were histroically used in a portion of Building 29. Certain VOCs in soil vapor exceed their respective Vapor ESLs. The former Maintenance Department is a data gap. Further delineation can be conducted as needed when the new Owner excavates soil to construct a new loading dock.	H&A Phase I, URS Phase II, H&A Vapor Survey, H&A Data Gap Assessment, GSI Phase II

TABLE 1
HISTORICAL ENVIRONMENTAL FEATURES
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Map ID (see Figure 2)	Areas or Features of Potential Environmental Concern	Location/ Building No.	Size (gallons unless otherwise specified)	Status	Potential Chemicals Associated with Feature/Area	Previous Soil Assessment Summary	COPCs Above GPLs and/or Comm/Ind DTSC-SLs in Soil	Soil Characterized?	Proper COPCs And Depths Analyzed?	Comments	References
Pre-Rohr Features											
See Map Label	Lead- and Petroleum Hydrocarbon-containing Soil	350-360 Bay Boulevard	NA	NA	TPH, Pb	DEH-related Assessment and Remediation, BB-14, -15 and -16	Y	Y	Y	TPH- and lead-containing soil investigated and remediated under DEH VAP oversight. See report text for additional details. DEH VAP issued and NFA letter in 2001.	WCC Data Compilation Report, H&A Phase I, H&A Phase II, Partner Phase I
145	Unleaded Gasoline UST	99/100	10,000	closed	TPHg, BTEX	B99-01, B100-V01	N	Y	Y	URS reported this feature as closed prior to Rohr ownership. No VOCs present in soil vapor above their respective Vapor ESLs.	ABC Plate 9, URS Phase I, H&A Phase I, H&A Phase II, H&A Vapor Survey
146	Diesel Fuel UST	99/100	10,000	closed	TPHd	B99-01, B100-V01	N	Y	Y	URS reported this feature as closed prior to Rohr ownership. No VOCs present in soil vapor above their respective Vapor ESLs.	ABC Plate 9, URS Phase I, H&A Phase I, H&A Phase II, H&A Vapor Survey
147	Waste Oil UST	99/100	1,000	closed	TPH, Metals	B99-01, B100-V01	N	Y	Y	URS reported this feature as closed prior to Rohr ownership. No VOCs present in soil vapor above their respective Vapor ESLs.	ABC Plate 9, URS Phase I, H&A Phase I, H&A Phase II, H&A Vapor Survey
148	Waste Solvent UST	99/100	100	closed	VOCs, TPH	B99-01, B100-V01	N	Y	Y	URS reported this feature as closed prior to Rohr ownership. No VOCs present in soil vapor above their respective Vapor ESLs.	ABC Plate 9, URS Phase I, H&A Phase I, H&A Phase II, H&A Vapor Survey
See Map Label, Gray Shading	Possible Former Lumber Yard	29	NA	NA	Phenols	B29-08 through -11, PW-11, PW-12 B29-V11, B29-V13	N	Y	Y	H&A reported in the Phase I that historical documents and photos suggested a lumber yard occupied a portion of the Building 29 Area in the late 1940s and may have engaged in wood treating prior to Rohr's ownership. No phenols detected. VOCs exceed soil vapor ESLs in PW-11 and PW-12. This is a data gap for soil vapor.	H&A Phase I, H&A Phase II
See Map Stippling and Label	Former Shallow Swale	29	NA	NA	VOCs	B15, UT-23, UT-24, B29-01, -03, -05, -07, B29-V06, -V08 & V10, PW-07	N	Y	Y	H&A reported in the Phase I that 1948 aerial photograph showed a shallow depression filled with debris on the southern and western perimeter of the northern quarter of the Building 29 Area that may be current location of storm drain. Investigated through data gap assessment in former Maintenance Department.	H&A Phase I, H&A Phase II, H&A Data Gap Assessment

TABLE 1
HISTORICAL ENVIRONMENTAL FEATURES
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Map ID (see Figure 2)	Areas or Features of Potential Environmental Concern	Location/ Building No.	Size (gallons unless otherwise specified)	Status	Potential Chemicals Associated with Feature/Area	Previous Soil Assessment Summary	COPCs Above GPLs and/or Comm/Ind DTSC-SLs in Soil	Soil Characterized?	Proper COPCs And Depths Analyzed?	Comments	References
Other Operations/Equipment											
See Map Label	Former Truck Engine Repair with potential hydraulic lifts	100	NA	NA	TPH, VOCs	UT-03, B99-02, B100-V01, -V02, -V03, PW-01B	N	Y	Y	H&A reported in the Phase I that Building 100 contained three bays. The bays were used for truck repair. URS indicated that there was a 30-inch deep work pit in the bays. No VOCs in soil vapor exceeded their respective Vapor ESLs.	URS Phase I and IIs, H&A Phase I and IIs, H&A Vapor Survey, GSI Phase II
See Map Label	Western Drainage Swale	29, 99, and 100	NA	NA	Metals, VOCs, PCBs, PAHs	UT-03, UT-18, UT-19, UT-20, UT-21, UT-66	N	Y	Y	Certain PAHs exceeded commercial/industrial screening criteria in soil associated with railroad right-of-way. This is not Rohr property.	URS Phase I and IIs
See Map Label, Tan Shading	Former Agricultural Property Use	350, 360, 364 and 368 Bay Boulevard, 29, 99, and 100	NA	NA	Metals, OCPs	BB-14 through -24, B99-01 through -04, and B29-01 through -07 with associated step-out borings	As	Y	Y	H&A reported vacant land was previously used for agricultural purposes for citrus and row crops prior to 1950s and identified agricultural property use as a REC. H&A evaluated OCPs and arsenic in surface soil during Phase IIs. Only arsenic present above site-specific background at Building 29. Partner identified the ongoing investigation under SDRWQCB oversight as a REC for vacant parcels (350, 360, 364 and 368 Bay Boulevard) , but did not specifically identify former agricultural property use as a REC.	URS Phase I and IIs, H&A Phase I and IIs, H&A Data Gap Assessment Partner Phase I

Notes and Abbreviations:

UST - Underground storage tank
AST - Aboveground storage tank
UV - Underground vessel
Y - Yes
N - No
NA - Not applicable
U - Unknown
µg/kg - micrograms per kilogram
µg/L - micrograms per liter
bgs - below ground surface
DEH - San Diego County Department of Environmental Health
SDRWQCB - San Diego Regional Water Quality Control Board
VOCs - volatile organic compounds
Metals -Title 22 metals
TCE - trichloroethene
OCPs - organochlorine pesticides
TPH - total petroleum hydrocarbons
PAHs - Polynuclear Aromatic Hydrocarbons
TPHd - TPH diesel range organics
TPHg - TPH gasoline range organics
PCBs - Polychlorinated biphenyls
BTEX - Benzene, toluene, ethylbenzene and xylenes
As - Arsenic

Map ID is the Rohr tank number or number assigned by Adrian Brown Consultants (1998) or URS Corporation (2013) or Haley & Aldrich (2020). The Map IDs are noted on Figure 2.

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10. Partner Engineering and Science, Inc. 2020. Phase I Environmental Site Assessment Report, Bay Boulevard – Parcel A, 350, 360. 364 and 368 Bay Boulevard, Chula Vista, CA 91910. December 28.

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B11	B12	B15	B29-01	B29-01	B29-02	B29-02	B29-02A	B29-02A	B29-02B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B11-2.5	B12-2.5	OMPPA-B15-5	B29-01-1	B29-01-2	B29-02-1	B29-02-2	B29-02A-010	B29-02A-030	B29-02B-010
Sample Date				7/26/2005	7/26/2005	9/13/2005	6/27/2016	6/27/2016	6/27/2016	6/27/2016	1/9/2020	1/9/2020	1/9/2020
Sample Depth				2.5 (ft)	2.5 (ft)	5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	-	-	-	< 0.145	< 0.155	< 0.147	< 0.147	-	-	-
Arsenic	24.3	0.36/8[2]	500	-	-	-	**4.23**	**1.89**	**23.3**	**1.37**	< 0.46	**3.04**	< 0.46
Barium	43000	-	10,000	-	-	-	**72.5**	**58.4**	**154**	**123**	-	-	-
Beryllium	-	6,900	75	-	-	-	**0.329**	**0.359**	**0.415**	**0.343**	-	-	-
Cadmium	970	4,000	100	-	-	-	**0.438 J**	**0.348 J**	**0.251 J**	**0.288 J**	-	-	-
Chromium	660	-	2,500	-	-	-	**14.3**	**15.9**	**8.06**	**16.1**	-	-	-
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	-	-	-	**9**	**11.7**	**2.83**	**9.67**	-	-	-
Copper	5600	-	2,500	-	-	-	**19.8**	**9.28**	**6.4**	**9.05**	-	-	-
Lead	232	320	1,000	-	-	-	**9.55**	**4.33**	**9.21**	**4.42**	-	-	-
Mercury	2.1	4.4	20	-	-	-	< 0.00618	**0.00919 J**	< 0.00607	< 0.00568	-	-	-
Molybdenum	-	-	3,500	-	-	-	< 0.128	< 0.137	**0.346**	< 0.131	-	-	-
Nickel	3400	64,000	2,000	-	-	-	**8.17**	**7.63**	**4.26**	**7.1**	-	-	-
Selenium	-	-	100	-	-	-	< 0.291	< 0.312	**0.706 J**	< 0.297	-	-	-
Silver	-	-	500	-	-	-	< 0.0832	< 0.0893	**0.106 J**	< 0.0849	-	-	-
Thallium	-	-	700	-	-	-	< 0.147	< 0.158	**0.439 J**	< 0.15	-	-	-
Vanadium	-	-	2,400	-	-	-	**41.4**	**49.3**	**18**	**54.5**	-	-	-
Zinc	-	-	5,000	-	-	-	**35.1**	**26.6**	**32.8**	**27.9**	-	-	-
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	-	-	-	< 0.021	< 0.021	< 0.021	< 0.021	-	-	-
Aroclor-1221 (PCB-1221)	-	0.53	-	-	-	-	< 0.043	< 0.043	< 0.042	< 0.043	-	-	-
Aroclor-1232 (PCB-1232)	-	0.49	-	-	-	-	< 0.025	< 0.025	< 0.025	< 0.025	-	-	-
Aroclor-1242 (PCB-1242)	-	0.58	-	-	-	-	< 0.037	< 0.037	< 0.037	< 0.037	-	-	-
Aroclor-1248 (PCB-1248)	-	0.58	-	-	-	-	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-
Aroclor-1254 (PCB-1254)	-	0.59	-	-	-	-	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-
Aroclor-1260 (PCB-1260)	-	0.6	-	-	-	-	< 0.031	< 0.031	< 0.03	< 0.031		-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	< 0.035	< 0.035	< 0.035	< 0.035	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	< 0.034	< 0.034	< 0.033	< 0.034	-	-	-
Total PCBs	130	0.58	50	-	-	-	< 0.043	< 0.043	< 0.042	< 0.043	-	-	-
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	< 0.0024	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	< 0.0022	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	< 0.0022	-	-	-	-
Aldrin	-	0.18	1.4	-	-	-	-	-	< 0.0022	-	-	-	-
alpha-BHC	-	0.24	-	-	-	-	-	-	< 0.0037	-	-	-	-
beta-BHC	-	0.82	-	-	-	-	-	-	< 0.0025	-	-	-	-
Chlordane	-	6.1	2.5	-	-	-	-	-	< 0.026	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	< 0.0044	-	-	-	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	< 0.0022	-	-	-	-
Endosulfan I	-	6,000	-	-	-	-	-	-	< 0.002	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B11	B12	B15	B29-01	B29-01	B29-02	B29-02	B29-02A	B29-02A	B29-02B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B11-2.5	B12-2.5	OMPPA-B15-5	B29-01-1	B29-01-2	B29-02-1	B29-02-2	B29-02A-010	B29-02A-030	B29-02B-010
Sample Date				7/26/2005	7/26/2005	9/13/2005	6/27/2016	6/27/2016	6/27/2016	6/27/2016	1/9/2020	1/9/2020	1/9/2020
Sample Depth				2.5 (ft)	2.5 (ft)	5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	< 0.0024	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	< 0.0026	-	-	-	-
Endrin	-	160	0.2	-	-	-	-	-	< 0.0024	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	< 0.003	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	< 0.0025	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	< 0.0022	-	-	-	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	< 0.0022	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	< 0.0037	-	-	-	-
Methoxychlor	-	2600	100	-	-	-	-	-	< 0.0027	-	-	-	-
Toxaphene	-	1.2	5	-	-	-	-	-	< 0.045	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B11	B12	B15	B29-01	B29-01	B29-02	B29-02	B29-02A	B29-02A	B29-02B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B11-2.5	B12-2.5	OMPPA-B15-5	B29-01-1	B29-01-2	B29-02-1	B29-02-2	B29-02A-010	B29-02A-030	B29-02B-010
Sample Date				7/26/2005	7/26/2005	9/13/2005	6/27/2016	6/27/2016	6/27/2016	6/27/2016	1/9/2020	1/9/2020	1/9/2020
Sample Depth				2.5 (ft)	2.5 (ft)	5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	-	-	-	-	-	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	14	1.3	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	13	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	17,000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	-	-	-	-	-	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	-	-	-	-	-	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	B11	B12	B15	B29-01	B29-01	B29-02	B29-02	B29-02A	B29-02A	B29-02B
Sample Name	(mg/kg)	(mg/kg)	(mg/kg)	B11-2.5	B12-2.5	OMPPA-B15-5	B29-01-1	B29-01-2	B29-02-1	B29-02-2	B29-02A-010	B29-02A-030	B29-02B-010
Sample Date				7/26/2005	7/26/2005	9/13/2005	6/27/2016	6/27/2016	6/27/2016	6/27/2016	1/9/2020	1/9/2020	1/9/2020
Sample Depth				2.5 (ft)	2.5 (ft)	5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C7)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C8)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	-	-	-	< 1.2	< 1.3	**1.4 J**	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	-	-	-	< 1.2	< 1.3	**4.3 J**	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	-	-	-	**1.5 J**	< 1.3	**5.3**	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	-	-	-	**6.5**	< 1.3	**27**	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	-	-	-	**5.1**	< 1.3	**33**	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	-	-	-	**13**	< 1.3	**71**	< 1.3	-	-	-
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Diesel C9-C16 (calculated)	5,400	97	-	-	-	-	< 1.2	< 1.3	< 1.3	< 1.3	-	-	-
Oil C17-C32 (calculated)	7,300	2,400	-	-	-	-	**8**	< 1.3	**38**	< 1.3	-	-	-
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.005	< 0.005	< 0.005	< 0.00025	< 0.00024	< 0.00024	< 0.00025	-	-	-
1,1,1-Trichloroethane	1.7	7,200	-	< 0.005	< 0.005	< 0.005	< 0.00023	< 0.00023	< 0.00022	< 0.00024	-	-	-
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.005	< 0.005	< 0.005	< 0.00035	< 0.00035	< 0.00034	< 0.00036	-	-	-
1,1,2-Trichloroethane	0.04	-	-	< 0.005	< 0.005	< 0.005	< 0.00036	< 0.00036	< 0.00035	< 0.00037	-	-	-
1,1-Dichloroethane	0.56	16	-	< 0.005	< 0.005	< 0.005	< 0.00022	< 0.00021	< 0.00021	< 0.00022	-	-	-
1,1-Dichloroethene	0.071	350	-	< 0.005	< 0.005	< 0.005	< 0.00035	< 0.00035	< 0.00034	< 0.00036	-	-	-
1,1-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00034	< 0.00033	< 0.00033	< 0.00034	-	-	-
1,2,3-Trichlorobenzene	-	300	-	< 0.01	< 0.01	< 0.01	< 0.00093	< 0.00092	< 0.00091	< 0.00096	-	-	-
1,2,3-Trichloropropane	-	0.021	-	< 0.005	< 0.005	< 0.005	< 0.00085	< 0.00084	< 0.00083	< 0.00087	-	-	-
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.005	< 0.005	< 0.005	< 0.00032	< 0.00031	< 0.00031	< 0.00032	-	-	-
1,2,4-Trimethylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.0006	< 0.00059	< 0.00058	< 0.00061	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.01	< 0.01	< 0.01	< 0.0018	< 0.0017	< 0.0017	< 0.0018	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.005	< 0.005	< 0.005	< 0.00026	< 0.00026	< 0.00025	< 0.00027	-	-	-
1,2-Dichlorobenzene	28	-	-	< 0.005	< 0.005	< 0.005	< 0.00023	< 0.00023	< 0.00023	< 0.00024	-	-	-
1,2-Dichloroethane	0.0028	-	-	< 0.005	< 0.005	< 0.005	< 0.00032	< 0.00032	< 0.00031	< 0.00033	-	-	-
1,2-Dichloropropane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00045	< 0.00044	< 0.00044	< 0.00046	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B11	B12	B15	B29-01	B29-01	B29-02	B29-02	B29-02A	B29-02A	B29-02B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B11-2.5	B12-2.5	OMPPA-B15-5	B29-01-1	B29-01-2	B29-02-1	B29-02-2	B29-02A-010	B29-02A-030	B29-02B-010
Sample Date				7/26/2005	7/26/2005	9/13/2005	6/27/2016	6/27/2016	6/27/2016	6/27/2016	1/9/2020	1/9/2020	1/9/2020
Sample Depth				2.5 (ft)	2.5 (ft)	5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00056	< 0.00055	< 0.00055	< 0.00057	-	-	-
1,3-Dichlorobenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00018	< 0.00018	< 0.00018	< 0.00018	-	-	-
1,3-Dichloropropane	-	2,200	-	< 0.005	< 0.005	< 0.005	< 0.00026	< 0.00025	< 0.00025	< 0.00026	-	-	-
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.005	< 0.005	< 0.005	< 0.00023	< 0.00022	< 0.00022	< 0.00023	-	-	-
2,2-Dichloropropane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00034	< 0.00033	< 0.00033	< 0.00035	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.0039	< 0.0038	< 0.0037	< 0.0039	-	-	-
2-Chlorotoluene	-	2,500	-	< 0.005	< 0.005	< 0.005	< 0.00024	< 0.00023	< 0.00023	< 0.00024	-	-	-
2-Hexanone	-	-	-	< 0.05	< 0.05	< 0.05	< 0.0018	< 0.0018	< 0.0018	< 0.0018	-	-	-
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.005	< 0.005	< 0.005	< 0.00059	< 0.00058	< 0.00057	< 0.0006	-	-	-
4-Chlorotoluene	-	2,300	-	< 0.005	< 0.005	< 0.005	< 0.00022	< 0.00021	< 0.00021	< 0.00022	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.0044	< 0.0043	< 0.0043	< 0.0045	-	-	-
Acetone	-	-	-	< 0.05	< 0.05	< 0.05	< 0.0064	< 0.0063	< 0.0062	< 0.0065	-	-	-
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.005	< 0.005	< 0.005	< 0.00013	< 0.00013	< 0.00013	< 0.00014	-	-	-
Bromobenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00021	< 0.00021	< 0.00021	< 0.00022	-	-	-
Bromodichloromethane	-	1.3	-	< 0.005	< 0.005	< 0.005	< 0.00024	< 0.00023	< 0.00023	< 0.00024	-	-	-
Bromoform	-	86	-	< 0.005	< 0.005	< 0.005	< 0.00081	< 0.0008	< 0.00079	< 0.00083	-	-	-
Bromomethane (Methyl Bromide)	-	-	-	< 0.025	< 0.025	< 0.025	< 0.0096	< 0.0095	< 0.0094	< 0.0099	-	-	-
Carbon disulfide	-	-	-	< 0.05	< 0.05	< 0.05	< 0.00031	< 0.00031	< 0.0003	< 0.00032	-	-	-
Carbon tetrachloride	-	2.9	-	< 0.005	< 0.005	< 0.005	< 0.00029	< 0.00028	< 0.00028	< 0.0003	-	-	-
Chlorobenzene	2	-	-	< 0.005	< 0.005	< 0.005	< 0.00023	< 0.00023	< 0.00022	< 0.00023	-	-	-
Chlorobromomethane	-	4.1	-	< 0.005	< 0.005	< 0.005	< 0.00071	< 0.00069	< 0.00069	< 0.00072	-	-	-
Chloroethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.0015	< 0.0015	< 0.0015	< 0.0016	-	-	-
Chloroform (Trichloromethane)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00024	< 0.00024	< 0.00024	< 0.00025	-	-	-
Chloromethane (Methyl Chloride)	-	-	-	< 0.025	< 0.025	< 0.025	< 0.00031	< 0.00031	< 0.0003	< 0.00032	-	-	-
cis-1,2-Dichloroethene	4.9	84	-	< 0.005	< 0.005	< 0.005	< 0.00029	< 0.00028	< 0.00028	< 0.00029	-	-	-
cis-1,3-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00026	< 0.00026	< 0.00025	< 0.00027	-	-	-
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.005	< 0.005	< 0.005	< 0.00064	< 0.00063	< 0.00063	< 0.00066	-	-	-
Dibromochloromethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00058	< 0.00057	< 0.00057	< 0.0006	-	-	-
Dibromomethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00079	< 0.00078	< 0.00077	< 0.00081	-	-	-
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00045	< 0.00045	< 0.00044	< 0.00046	-	-	-
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.005	< 0.005	< 0.005	< 0.00015	< 0.00015	< 0.00015	< 0.00016	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00056	< 0.00055	< 0.00054	< 0.00057	-	-	-
m,p-Xylenes	6	-	-	< 0.005	< 0.005	< 0.005	< 0.00027	< 0.00027	< 0.00027	< 0.00028	-	-	-
Methyl Tert Butyl Ether	-	-	-	< 0.005	< 0.005	< 0.005	< 0.0003	< 0.0003	< 0.00029	< 0.00031	-	-	-
Methylene chloride	0.019	26	-	< 0.05	< 0.05	< 0.05	< 0.0014	< 0.0013	< 0.0013	< 0.0014	-	-	-
Naphthalene	-	6.5	-	< 0.05	< 0.05	< 0.05	< 0.00083	< 0.00082	< 0.00081	< 0.00085	-	-	-
n-Butylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00016	< 0.00016	< 0.00016	< 0.00016	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B11	B12	B15	B29-01	B29-01	B29-02	B29-02	B29-02A	B29-02A	B29-02B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B11-2.5	B12-2.5	OMPPA-B15-5	B29-01-1	B29-01-2	B29-02-1	B29-02-2	B29-02A-010	B29-02A-030	B29-02B-010
Sample Date				7/26/2005	7/26/2005	9/13/2005	6/27/2016	6/27/2016	6/27/2016	6/27/2016	1/9/2020	1/9/2020	1/9/2020
Sample Depth				2.5 (ft)	2.5 (ft)	5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00051	< 0.0005	< 0.0005	< 0.00052	-	-	-
o-Xylene	6	-	-	< 0.005	< 0.005	< 0.005	< 0.00057	< 0.00056	< 0.00055	< 0.00058	-	-	-
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.005	< 0.005	< 0.005	< 0.00062	< 0.00061	< 0.0006	< 0.00063	-	-	-
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00015	< 0.00015	< 0.00015	< 0.00016	-	-	-
Tetrachloroethene	2.1	2.7	-	< 0.005	< 0.005	< 0.005	< 0.00021	< 0.00021	< 0.00021	< 0.00022	-	-	-
Toluene	0.44	5,300	-	< 0.005	< 0.005	< 0.005	< 0.00053	< 0.00052	< 0.00051	< 0.00054	-	-	-
trans-1,2-Dichloroethene	0.17	600	-	< 0.005	< 0.005	< 0.005	< 0.00052	< 0.00051	< 0.0005	< 0.00053	-	-	-
trans-1,3-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.00062	< 0.00061	< 0.0006	< 0.00063	-	-	-
Trichloroethene	27	6[3]	2,040	< 0.005	< 0.005	< 0.005	< 0.00031	< 0.0003	< 0.0003	< 0.00031	-	-	-
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.05	< 0.05	< 0.05	< 0.00038	< 0.00038	< 0.00037	< 0.00039	-	-	-
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.05	< 0.05	< 0.05	< 0.00036	< 0.00035	< 0.00035	< 0.00037	-	-	-
Vinyl acetate	-	-	-	< 0.05	< 0.05	< 0.05	< 0.0049	< 0.0048	< 0.0047	< 0.005	-	-	-
Vinyl chloride	13	0.15	-	< 0.005	< 0.005	< 0.005	< 0.00051	< 0.00051	< 0.0005	< 0.00053	-	-	-
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-02B	B29-02C	B29-02C	B29-03	B29-03	B29-03A	B29-03A	B29-03B	B29-03B	B29-04
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-02B-030	B29-02C-010	B29-02C-030	B29-03-01	B29-03-03	B29-03A-010	B29-03A-030	B29-03B-010	B29-03B-030	B29-04-1
Sample Date				1/9/2020	1/9/2020	1/9/2020	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/27/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	-	-	-	< 0.147	< 0.154	-	-	-	-	< 0.145
Arsenic	24.3	0.36/8[2]	500	< 0.46	< 0.46	< 0.46	**19.6**	**2.64**	**20.4**	**1.44 J**	**21.9**	**1.1 J**	**2.7**
Barium	43000	-	10,000	-	-	-	**182**	**371**	-	-	-	-	**71.6**
Beryllium	-	6,900	75	-	-	-	**0.434**	**0.546**	-	-	-	-	**0.269**
Cadmium	970	4,000	100	-	-	-	**0.235 J**	**0.33 J**	-	-	-	-	**0.37 J**
Chromium	660	-	2,500	-	-	-	**5.09**	**14.9**	-	-	-	-	**13.7**
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	-	-	-	**2.94**	**9.37**	-	-	-	-	**8.77**
Copper	5600	-	2,500	-	-	-	**6.58**	**6.51**	-	-	-	-	**17.1**
Lead	232	320	1,000	-	-	-	**7.69**	**5.03**	-	-	-	-	**7.6**
Mercury	2.1	4.4	20	-	-	-	< 0.00618	< 0.00578	-	-	-	-	**0.0133 J**
Molybdenum	-	-	3,500	-	-	-	**0.324**	< 0.136	-	-	-	-	< 0.128
Nickel	3400	64,000	2,000	-	-	-	**5.19**	**7.79**	-	-	-	-	**6.27**
Selenium	-	-	100	-	-	-	**0.364 J**	< 0.309	-	-	-	-	**0.387 J**
Silver	-	-	500	-	-	-	< 0.0844	< 0.0884	-	-	-	-	< 0.0832
Thallium	-	-	700	-	-	-	**0.328 J**	< 0.156	-	-	-	-	< 0.147
Vanadium	-	-	2,400	-	-	-	**17.2**	**43.2**	-	-	-	-	**40.5**
Zinc	-	-	5,000	-	-	-	**33.2**	**28.3**	-	-	-	-	**25.6**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	-	-	-	< 0.021	< 0.021	-	-	-	-	< 0.021
Aroclor-1221 (PCB-1221)	-	0.53	-	-	-	-	< 0.043	< 0.042	-	-	-	-	< 0.042
Aroclor-1232 (PCB-1232)	-	0.49	-	-	-	-	< 0.025	< 0.025	-	-	-	-	< 0.025
Aroclor-1242 (PCB-1242)	-	0.58	-	-	-	-	< 0.037	< 0.037	-	-	-	-	< 0.037
Aroclor-1248 (PCB-1248)	-	0.58	-	-	-	-	< 0.032	< 0.032	-	-	-	-	< 0.032
Aroclor-1254 (PCB-1254)	-	0.59	-	-	-	-	< 0.032	< 0.032	-	-	-	-	< 0.032
Aroclor-1260 (PCB-1260)	-	0.6	-	-	-	-	< 0.031	< 0.03	-	-	-	-	< 0.03
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	< 0.035	< 0.035	-	-	-	-	< 0.035
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	< 0.034	< 0.033	-	-	-	-	< 0.033
Total PCBs	130	0.58	50	-	-	-	< 0.043	< 0.042	-	-	-	-	< 0.042
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-02B	B29-02C	B29-02C	B29-03	B29-03	B29-03A	B29-03A	B29-03B	B29-03B	B29-04
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-02B-030	B29-02C-010	B29-02C-030	B29-03-01	B29-03-03	B29-03A-010	B29-03A-030	B29-03B-010	B29-03B-030	B29-04-1
Sample Date				1/9/2020	1/9/2020	1/9/2020	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/27/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	160	0.2	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	< 0.3	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	< 0.32	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	< 0.37	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	< 0.38	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	< 0.28	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	< 0.29	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	< 0.32	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	< 0.38	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	< 0.29	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	< 1.3	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	< 1.7	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	< 0.33	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	< 0.47	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	< 0.36	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	< 0.3	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	< 0.33	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	< 0.3	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	< 0.43	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	< 0.26	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	< 0.34	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	< 1.8	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	< 0.35	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	< 3.2	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	< 0.31	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	< 0.33	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	< 0.33	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	< 0.32	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	< 0.33	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	< 0.27	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-02B	B29-02C	B29-02C	B29-03	B29-03	B29-03A	B29-03A	B29-03B	B29-03B	B29-04
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-02B-030	B29-02C-010	B29-02C-030	B29-03-01	B29-03-03	B29-03A-010	B29-03A-030	B29-03B-010	B29-03B-030	B29-04-1
Sample Date				1/9/2020	1/9/2020	1/9/2020	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/27/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	< 0.004	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	< 0.0042	-	-	-	-	-	-
Aniline	-	260	-	-	-	-	< 0.3	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	< 0.002	-	-	-	-	-	-
Azobenzene	-	-	-	-	-	-	< 0.27	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	< 4.1	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	< 0.0025	-	-	-	-	-	-
Benzo(a)pyrene	14	1.3	-	-	-	-	**0.01**	-	-	-	-	-	-
Benzo(b)fluoranthene	-	13	-	-	-	-	**0.024**	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	< 0.0018	-	-	-	-	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	-	**0.032**	-	-	-	-	-	-
Benzoic acid	-	2,100,000	-	-	-	-	< 2.5	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	< 0.33	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	< 0.28	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	< 2	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	< 0.27	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	< 0.27	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	**0.0045 J**	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	< 0.0029	-	-	-	-	-	-
Dibenzofuran	-	650	-	-	-	-	< 0.3	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	< 0.29	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	< 0.57	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	< 0.3	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	< 0.5	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	< 0.0021	-	-	-	-	-	-
Fluorene	-	17,000	-	-	-	-	< 0.0017	-	-	-	-	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	< 0.33	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	< 0.32	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	< 2.5	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	< 0.39	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	< 0.0022	-	-	-	-	-	-
Isophorone	-	1,600	-	-	-	-	< 0.28	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	< 0.81	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	< 0.004	-	-	-	-	-	-
Nitrobenzene	-	-	-	-	-	-	< 1.6	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	< 0.24	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	< 0.42	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	< 0.68	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	< 1.9	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	< 0.0021	-	-	-	-	-	-
Phenol	-	160,000	-	-	-	-	< 0.24	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	< 0.0029	-	-	-	-	-	-
Pyridine	-	530	-	-	-	-	< 0.27	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-02B	B29-02C	B29-02C	B29-03	B29-03	B29-03A	B29-03A	B29-03B	B29-03B	B29-04
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-02B-030	B29-02C-010	B29-02C-030	B29-03-01	B29-03-03	B29-03A-010	B29-03A-030	B29-03B-010	B29-03B-030	B29-04-1
Sample Date				1/9/2020	1/9/2020	1/9/2020	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/27/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C7)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C8)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	-	-	-	< 6.4	**1.6 J**	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	-	-	-	**14 J**	**2.2 J**	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	-	-	-	**33**	**2.7 J**	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	-	-	-	**110**	**4 J**	-	-	-	-	**4.5 J**
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	-	-	-	**120**	**5.8**	-	-	-	-	**7.5**
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	-	-	-	**120**	**3.6 J**	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	-	-	-	**76**	< 1.3	-	-	-	-	< 1.3
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	-	-	-	**470**	**20**	-	-	-	-	**12**
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Diesel C9-C16 (calculated)	5,400	97	-	-	-	-	< 6.4	< 1.3	-	-	-	-	< 1.3
Oil C17-C32 (calculated)	7,300	2,400	-	-	-	-	**157**	**10.5**	-	-	-	-	4.5
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	-	-	-	< 0.00025	< 0.00024	-	-	-	-	< 0.00024
1,1,1-Trichloroethane	1.7	7,200	-	-	-	-	< 0.00023	< 0.00023	-	-	-	-	< 0.00022
1,1,2,2-Tetrachloroethane	-	2.7	-	-	-	-	< 0.00036	< 0.00035	-	-	-	-	< 0.00034
1,1,2-Trichloroethane	0.04	-	-	-	-	-	< 0.00037	< 0.00036	-	-	-	-	< 0.00035
1,1-Dichloroethane	0.56	16	-	-	-	-	< 0.00022	< 0.00022	-	-	-	-	< 0.00021
1,1-Dichloroethene	0.071	350	-	-	-	-	< 0.00036	< 0.00035	-	-	-	-	< 0.00034
1,1-Dichloropropene	-	-	-	-	-	-	< 0.00034	< 0.00033	-	-	-	-	< 0.00033
1,2,3-Trichlorobenzene	-	300	-	-	-	-	< 0.00095	< 0.00093	-	-	-	-	< 0.0009
1,2,3-Trichloropropane	-	0.021	-	-	-	-	< 0.00086	< 0.00085	-	-	-	-	< 0.00082
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	< 0.00032	< 0.00032	-	-	-	-	< 0.00031
1,2,4-Trimethylbenzene	-	-	-	-	-	-	< 0.00061	< 0.0006	-	-	-	-	< 0.00058
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	-	-	-	< 0.0018	< 0.0018	-	-	-	-	< 0.0017
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	-	-	-	< 0.00026	< 0.00026	-	-	-	-	< 0.00025
1,2-Dichlorobenzene	28	-	-	-	-	-	< 0.00024	< 0.00023	-	-	-	-	< 0.00023
1,2-Dichloroethane	0.0028	-	-	-	-	-	< 0.00033	< 0.00032	-	-	-	-	< 0.00031
1,2-Dichloropropane	-	-	-	-	-	-	< 0.00045	< 0.00045	-	-	-	-	< 0.00043

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-02B	B29-02C	B29-02C	B29-03	B29-03	B29-03A	B29-03A	B29-03B	B29-03B	B29-04
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-02B-030	B29-02C-010	B29-02C-030	B29-03-01	B29-03-03	B29-03A-010	B29-03A-030	B29-03B-010	B29-03B-030	B29-04-1
Sample Date				1/9/2020	1/9/2020	1/9/2020	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/27/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	-	-	-	< 0.00057	< 0.00056	-	-	-	-	< 0.00054
1,3-Dichlorobenzene	-	-	-	-	-	-	< 0.00018	< 0.00018	-	-	-	-	< 0.00017
1,3-Dichloropropane	-	2,200	-	-	-	-	< 0.00026	< 0.00026	-	-	-	-	< 0.00025
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	< 0.00023	< 0.00023	-	-	-	-	< 0.00022
2,2-Dichloropropane	-	-	-	-	-	-	< 0.00034	< 0.00034	-	-	-	-	< 0.00033
2-Butanone (Methyl Ethyl Ketone)	-	-	-	-	-	-	< 0.0039	< 0.0038	-	-	-	-	< 0.0037
2-Chlorotoluene	-	2,500	-	-	-	-	< 0.00024	< 0.00024	-	-	-	-	< 0.00023
2-Hexanone	-	-	-	-	-	-	< 0.0018	< 0.0018	-	-	-	-	< 0.0017
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	-	-	-	< 0.0006	< 0.00059	-	-	-	-	< 0.00057
4-Chlorotoluene	-	2,300	-	-	-	-	< 0.00022	< 0.00022	-	-	-	-	< 0.00021
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	-	-	-	< 0.0045	< 0.0044	-	-	-	-	< 0.0043
Acetone	-	-	-	-	-	-	< 0.0065	< 0.0064	-	-	-	-	< 0.0062
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	-	-	-	< 0.00013	< 0.00013	-	-	-	-	< 0.00013
Bromobenzene	-	-	-	-	-	-	< 0.00022	< 0.00021	-	-	-	-	< 0.00021
Bromodichloromethane	-	1.3	-	-	-	-	< 0.00024	< 0.00024	-	-	-	-	< 0.00023
Bromoform	-	86	-	-	-	-	< 0.00082	< 0.00081	-	-	-	-	< 0.00079
Bromomethane (Methyl Bromide)	-	-	-	-	-	-	< 0.0098	< 0.0096	-	-	-	-	< 0.0093
Carbon disulfide	-	-	-	-	-	-	< 0.00032	< 0.00031	-	-	-	-	< 0.0003
Carbon tetrachloride	-	2.9	-	-	-	-	< 0.00029	< 0.00029	-	-	-	-	< 0.00028
Chlorobenzene	2	-	-	-	-	-	< 0.00023	< 0.00023	-	-	-	-	< 0.00022
Chlorobromomethane	-	4.1	-	-	-	-	< 0.00071	< 0.0007	-	-	-	-	< 0.00068
Chloroethane	-	-	-	-	-	-	< 0.0015	< 0.0015	-	-	-	-	< 0.0015
Chloroform (Trichloromethane)	-	-	-	-	-	-	< 0.00025	< 0.00024	-	-	-	-	< 0.00024
Chloromethane (Methyl Chloride)	-	-	-	-	-	-	< 0.00031	< 0.00031	-	-	-	-	< 0.0003
cis-1,2-Dichloroethene	4.9	84	-	-	-	-	< 0.00029	< 0.00028	-	-	-	-	< 0.00028
cis-1,3-Dichloropropene	-	-	-	-	-	-	< 0.00026	< 0.00026	-	-	-	-	< 0.00025
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	-	-	-	< 0.00065	< 0.00064	-	-	-	-	< 0.00062
Dibromochloromethane	-	-	-	-	-	-	< 0.00059	< 0.00058	-	-	-	-	< 0.00056
Dibromomethane	-	-	-	-	-	-	< 0.0008	< 0.00079	-	-	-	-	< 0.00077
Dichlorodifluoromethane (CFC-12)	-	-	-	-	-	-	< 0.00046	< 0.00045	-	-	-	-	< 0.00044
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	-	-	-	< 0.00016	< 0.00015	-	-	-	-	< 0.00015
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	-	-	-	< 0.00057	< 0.00056	-	-	-	-	< 0.00054
m,p-Xylenes	6	-	-	-	-	-	< 0.00028	< 0.00027	-	-	-	-	< 0.00027
Methyl Tert Butyl Ether	-	-	-	-	-	-	< 0.00031	< 0.0003	-	-	-	-	< 0.00029
Methylene chloride	0.019	26	-	-	-	-	< 0.0014	< 0.0014	-	-	-	-	< 0.0013
Naphthalene	-	6.5	-	-	-	-	< 0.00084	< 0.00083	-	-	-	-	< 0.00081
n-Butylbenzene	-	-	-	-	-	-	< 0.00016	< 0.00016	-	-	-	-	< 0.00015

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-02B	B29-02C	B29-02C	B29-03	B29-03	B29-03A	B29-03A	B29-03B	B29-03B	B29-04
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-02B-030	B29-02C-010	B29-02C-030	B29-03-01	B29-03-03	B29-03A-010	B29-03A-030	B29-03B-010	B29-03B-030	B29-04-1
Sample Date				1/9/2020	1/9/2020	1/9/2020	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/27/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	-	-	-	< 0.00052	< 0.00051	-	-	-	-	< 0.0005
o-Xylene	6	-	-	-	-	-	< 0.00058	< 0.00057	-	-	-	-	< 0.00055
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	-	-	-	< 0.00063	< 0.00062	-	-	-	-	< 0.0006
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	-	-	-	< 0.00016	< 0.00015	-	-	-	-	< 0.00015
Tetrachloroethene	2.1	2.7	-	-	-	-	< 0.00022	< 0.00021	-	-	-	-	< 0.00021
Toluene	0.44	5,300	-	-	-	-	< 0.00053	< 0.00052	-	-	-	-	< 0.00051
trans-1,2-Dichloroethene	0.17	600	-	-	-	-	< 0.00052	< 0.00052	-	-	-	-	< 0.0005
trans-1,3-Dichloropropene	-	-	-	-	-	-	< 0.00063	< 0.00062	-	-	-	-	< 0.0006
Trichloroethene	27	6[3]	2,040	-	-	-	< 0.00031	**0.00064 J**	-	-	-	-	< 0.0003
Trichlorofluoromethane (CFC-11)	-	5,400	-	-	-	-	< 0.00039	< 0.00038	-	-	-	-	< 0.00037
Trifluorotrichloroethane (Freon 113)	6.4	-	-	-	-	-	< 0.00036	< 0.00036	-	-	-	-	< 0.00035
Vinyl acetate	-	-	-	-	-	-	< 0.0049	< 0.0048	-	-	-	-	< 0.0047
Vinyl chloride	13	0.15	-	-	-	-	< 0.00052	< 0.00051	-	-	-	-	< 0.0005
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-04	B29-05	B29-05	B29-05A	B29-05A	B29-05B	B29-05B	B29-05C	B29-05C	B29-06
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-04-5	B29-05-2	B29-05-5	B29-05A-020	B29-05A-030	B29-05B-020	B29-05B-030	B29-05C-020	B29-05C-030	B29-06-1
Sample Date				6/27/2016	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/29/2016
Sample Depth				4.5 - 5 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 0.154	**1.18**	< 0.156	-	-	-	-	-	-	< 0.145
Arsenic	24.3	0.36/8[2]	500	**5.07**	**4.59**	**2.85**	-	-	-	-	-	-	**2.02**
Barium	43000	-	10,000	**66.2**	**50.4**	**44.5**	-	-	-	-	-	-	**71.6**
Beryllium	-	6,900	75	**0.295**	**0.168 J**	**0.335**	-	-	-	-	-	-	**0.395**
Cadmium	970	4,000	100	**0.333 J**	**0.401 J**	**0.287 J**	-	-	-	-	-	-	**0.306 J**
Chromium	660	-	2,500	**9.24**	**8.14**	**12.3**	-	-	-	-	-	-	**16**
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	**5.93**	**4.55**	**8.81**	-	-	-	-	-	-	**9.87**
Copper	5600	-	2,500	**10.9**	**23.8**	**10.7**	-	-	-	-	-	-	**8.32**
Lead	232	320	1,000	**4.82**	**17.5**	**6.34**	-	-	-	-	-	-	**4.92**
Mercury	2.1	4.4	20	< 0.00559	**0.0198 J**	**0.0132 J**	-	-	-	-	-	-	**0.00779 J**
Molybdenum	-	-	3,500	**0.352**	**0.851**	< 0.138	-	-	-	-	-	-	< 0.128
Nickel	3400	64,000	2,000	**7.78**	**7.18**	**6.32**	-	-	-	-	-	-	**8.88**
Selenium	-	-	100	< 0.31	< 0.3	**0.643 J**	-	-	-	-	-	-	< 0.291
Silver	-	-	500	< 0.0888	< 0.0857	< 0.0897	-	-	-	-	-	-	< 0.0832
Thallium	-	-	700	< 0.157	< 0.152	< 0.159	-	-	-	-	-	-	< 0.147
Vanadium	-	-	2,400	**32.3**	**19.5**	**37.9**	-	-	-	-	-	-	**46.4**
Zinc	-	-	5,000	**30.5**	**30.7**	**23.9**	-	-	-	-	-	-	**31**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.021	< 0.021	< 0.021	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.021
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.042	< 0.042	< 0.043	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.042
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.025	< 0.025	< 0.025	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.025
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.037	< 0.037	< 0.037	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.037
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.032	< 0.032	< 0.032	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.032
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.032	< 0.032	< 0.032	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.032
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.03	**1.3**	< 0.031	**0.0997**	**0.00566 J**	**0.127**	< 0.00494	**0.0132 J**	**0.0129 J**	< 0.03
Aroclor-1262 (PCB-1262)	-	-	-	< 0.035	< 0.035	< 0.035	-	-	-	-	-	-	< 0.035
Aroclor-1268 (PCB-1268)	-	-	-	< 0.033	< 0.033	< 0.034	-	-	-	-	-	-	< 0.033
Total PCBs	130	0.58	50	< 0.042	**1.3**	< 0.043	**0.0997**	**0.00566**	**0.127**	< 0.00537	**0.0132**	**0.0129**	< 0.042
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	< 0.0024	-	-	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	< 0.0022	-	-	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	**0.021**	-	-	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	< 0.0022	-	-	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	< 0.0037	-	-	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	< 0.0025	-	-	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	< 0.026	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	< 0.0044	-	-	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	< 0.0022	-	-	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	< 0.002	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-04	B29-05	B29-05	B29-05A	B29-05A	B29-05B	B29-05B	B29-05C	B29-05C	B29-06
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-04-5	B29-05-2	B29-05-5	B29-05A-020	B29-05A-030	B29-05B-020	B29-05B-030	B29-05C-020	B29-05C-030	B29-06-1
Sample Date				6/27/2016	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/29/2016
Sample Depth				4.5 - 5 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	< 0.0024	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	< 0.0026	-	-	-	-	-	-	-	-
Endrin	-	160	0.2	-	< 0.0024	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	< 0.003	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	< 0.0025	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	< 0.0022	-	-	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	< 0.0022	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	< 0.0037	-	-	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	< 0.0027	-	-	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	< 0.045	-	-	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	< 0.29	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	< 0.32	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	< 0.36	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	< 0.37	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	< 0.28	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	< 0.29	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	< 0.32	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	< 0.38	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	< 0.29	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	< 1.3	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	< 1.7	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	< 0.33	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	< 0.46	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	< 0.36	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	< 0.29	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	< 0.33	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	< 0.3	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	< 0.43	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	< 0.26	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	< 0.34	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	< 1.8	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	< 0.35	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	< 3.1	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	< 0.3	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	< 0.33	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	< 0.32	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	< 0.32	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	< 0.32	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	< 0.27	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-04	B29-05	B29-05	B29-05A	B29-05A	B29-05B	B29-05B	B29-05C	B29-05C	B29-06
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-04-5	B29-05-2	B29-05-5	B29-05A-020	B29-05A-030	B29-05B-020	B29-05B-030	B29-05C-020	B29-05C-030	B29-06-1
Sample Date				6/27/2016	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/29/2016
Sample Depth				4.5 - 5 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	< 0.0041	-	-	-	-	-	-	-	**0.028**
Acenaphthylene	-	-	-	-	< 0.0042	-	-	-	-	-	-	-	**0.015 J**
Aniline	-	260	-	-	< 0.3	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	**0.0075 J**	-	-	-	-	-	-	-	< 0.002
Azobenzene	-	-	-	-	< 0.27	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	< 4.1	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	**0.008 J**	-	-	-	-	-	-	-	< 0.0024
Benzo(a)pyrene	14	1.3	-	-	**0.016**	-	-	-	-	-	-	-	**0.02**
Benzo(b)fluoranthene	-	13	-	-	**0.018**	-	-	-	-	-	-	-	**0.017**
Benzo(g,h,i)perylene	-	-	-	-	< 0.0018	-	-	-	-	-	-	-	**0.014**
Benzo(k)fluoranthene	-	210,000	-	-	**0.025**	-	-	-	-	-	-	-	**0.11**
Benzoic acid	-	2,100,000	-	-	< 2.5	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	< 0.33	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	< 0.28	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	< 2	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	< 0.27	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	< 0.27	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	**0.016**	-	-	-	-	-	-	-	**0.0025 J**
Dibenz(a,h)anthracene	-	0.31	-	-	< 0.003	-	-	-	-	-	-	-	< 0.0029
Dibenzofuran	-	650	-	-	< 0.3	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	< 0.29	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	< 0.56	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	< 0.3	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	< 0.5	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	**0.12**	-	-	-	-	-	-	-	< 0.0021
Fluorene	-	17,000	-	-	< 0.0017	-	-	-	-	-	-	-	**0.0034 J**
Hexachlorobenzene	-	0.86	-	-	< 0.33	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	< 0.31	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	< 2.5	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	< 0.39	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022
Isophorone	-	1,600	-	-	< 0.28	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	< 0.81	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	< 0.0041	-	-	-	-	-	-	-	< 0.004
Nitrobenzene	-	-	-	-	< 1.6	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	< 0.23	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	< 0.42	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	< 0.68	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	< 1.9	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	**0.045**	-	-	-	-	-	-	-	< 0.0021
Phenol	-	160,000	-	-	< 0.24	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	**0.029**	-	-	-	-	-	-	-	**0.01**
Pyridine	-	530	-	-	< 0.27	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	B29-04	B29-05	B29-05	B29-05A	B29-05A	B29-05B	B29-05B	B29-05C	B29-05C	B29-06
Sample Name				B29-04-5	B29-05-2	B29-05-5	B29-05A-020	B29-05A-030	B29-05B-020	B29-05B-030	B29-05C-020	B29-05C-030	B29-06-1
Sample Date				6/27/2016	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/29/2016
Sample Depth	(mg/kg)	(mg/kg)	(mg/kg)	4.5 - 5 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C7)	-	-	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C8)	-	-	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	**1.3 J**	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	**4.8 J**	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	**8**	< 13	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	**2.4 J**	**26 J**	< 1.2	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	< 1.3	**49 J**	**1.6 J**	-	-	-	-	-	-	**35 J**
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	**81**	**110**	**4.4 J**	-	-	-	-	-	-	**140**
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	**110**	**130**	**13**	-	-	-	-	-	-	**160**
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	**5.3**	**160**	**1.7 J**	-	-	-	-	-	-	**67**
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	**12**	**85**	**2.9 J**	-	-	-	-	-	-	< 12
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	**220**	**560**	**24**	-	-	-	-	-	-	**400**
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Diesel C9-C16 (calculated)	5,400	97	-	< 1.3	< 13	< 1.2	-	-	-	-	-	-	< 12
Oil C17-C32 (calculated)	7,300	2,400	-	**97.5**	**185**	**6**	-	-	-	-	-	-	**175**
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.00024	< 0.00025	< 0.00024	-	-	-	-	-	-	< 0.00024
1,1,1-Trichloroethane	1.7	7,200	-	< 0.00023	< 0.00023	< 0.00023	-	-	-	-	-	-	< 0.00023
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00035	< 0.00036	< 0.00035	-	-	-	-	-	-	< 0.00035
1,1,2-Trichloroethane	0.04	-	-	< 0.00036	< 0.00036	< 0.00036	-	-	-	-	-	-	< 0.00036
1,1-Dichloroethane	0.56	16	-	< 0.00021	< 0.00022	< 0.00021	-	-	-	-	-	-	< 0.00021
1,1-Dichloroethene	0.071	350	-	< 0.00035	< 0.00036	< 0.00035	-	-	-	-	-	-	< 0.00035
1,1-Dichloropropene	-	-	-	< 0.00033	< 0.00034	< 0.00033	-	-	-	-	-	-	< 0.00033
1,2,3-Trichlorobenzene	-	300	-	< 0.00092	< 0.00094	< 0.00092	-	-	-	-	-	-	< 0.00093
1,2,3-Trichloropropane	-	0.021	-	< 0.00083	< 0.00085	< 0.00084	-	-	-	-	-	-	< 0.00084
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.00031	< 0.00032	< 0.00031	-	-	-	-	-	-	< 0.00032
1,2,4-Trimethylbenzene	-	-	-	< 0.00059	< 0.0006	< 0.00059	-	-	-	-	-	-	< 0.0006
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0017	< 0.0018	< 0.0018	-	-	-	-	-	-	< 0.0018
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.00026	< 0.00026	< 0.00026	-	-	-	-	-	-	< 0.00026
1,2-Dichlorobenzene	28	-	-	< 0.00023	< 0.00024	< 0.00023	-	-	-	-	-	-	< 0.00023
1,2-Dichloroethane	0.0028	-	-	< 0.00032	< 0.00032	< 0.00032	-	-	-	-	-	-	< 0.00032
1,2-Dichloropropane	-	-	-	< 0.00044	< 0.00045	< 0.00044	-	-	-	-	-	-	< 0.00045

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-04	B29-05	B29-05	B29-05A	B29-05A	B29-05B	B29-05B	B29-05C	B29-05C	B29-06
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-04-5	B29-05-2	B29-05-5	B29-05A-020	B29-05A-030	B29-05B-020	B29-05B-030	B29-05C-020	B29-05C-030	B29-06-1
Sample Date				6/27/2016	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/29/2016
Sample Depth				4.5 - 5 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00055	< 0.00056	< 0.00056	-	-	-	-	-	-	< 0.00056
1,3-Dichlorobenzene	-	-	-	< 0.00018	< 0.00018	< 0.00018	-	-	-	-	-	-	< 0.00018
1,3-Dichloropropane	-	2,200	-	< 0.00025	< 0.00026	< 0.00026	-	-	-	-	-	-	< 0.00026
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00022	< 0.00023	< 0.00022	-	-	-	-	-	-	< 0.00023
2,2-Dichloropropane	-	-	-	< 0.00033	< 0.00034	< 0.00033	-	-	-	-	-	-	< 0.00034
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.0038	< 0.0039	< 0.0038	-	-	-	-	-	-	< 0.0038
2-Chlorotoluene	-	2,500	-	< 0.00023	< 0.00024	< 0.00023	-	-	-	-	-	-	< 0.00024
2-Hexanone	-	-	-	< 0.0018	< 0.0018	< 0.0018	-	-	-	-	-	-	< 0.0018
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00058	< 0.00059	< 0.00058	-	-	-	-	-	-	< 0.00059
4-Chlorotoluene	-	2,300	-	< 0.00021	< 0.00022	< 0.00022	-	-	-	-	-	-	< 0.00022
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.0043	< 0.0044	< 0.0044	-	-	-	-	-	-	< 0.0044
Acetone	-	-	-	< 0.0063	< 0.0064	< 0.0063	-	-	-	-	-	-	< 0.0063
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.00013	< 0.00013	< 0.00013	-	-	-	-	-	-	< 0.00013
Bromobenzene	-	-	-	< 0.00021	< 0.00022	< 0.00021	-	-	-	-	-	-	< 0.00021
Bromodichloromethane	-	1.3	-	< 0.00023	< 0.00024	< 0.00024	-	-	-	-	-	-	< 0.00024
Bromoform	-	86	-	< 0.0008	< 0.00082	< 0.0008	-	-	-	-	-	-	< 0.00081
Bromomethane (Methyl Bromide)	-	-	-	< 0.0095	< 0.0097	< 0.0095	-	-	-	-	-	-	< 0.0096
Carbon disulfide	-	-	-	< 0.00031	< 0.00031	< 0.00031	-	-	-	-	-	-	< 0.00031
Carbon tetrachloride	-	2.9	-	< 0.00028	< 0.00029	< 0.00029	-	-	-	-	-	-	< 0.00029
Chlorobenzene	2	-	-	< 0.00022	< 0.00023	< 0.00023	-	-	-	-	-	-	< 0.00023
Chlorobromomethane	-	4.1	-	< 0.00069	< 0.00071	< 0.0007	-	-	-	-	-	-	< 0.0007
Chloroethane	-	-	-	< 0.0015	< 0.0015	< 0.0015	-	-	-	-	-	-	< 0.0015
Chloroform (Trichloromethane)	-	-	-	< 0.00024	**0.0005 J**	**0.00079 J**	-	-	-	-	-	-	< 0.00024
Chloromethane (Methyl Chloride)	-	-	-	< 0.00031	< 0.00031	< 0.00031	-	-	-	-	-	-	< 0.00031
cis-1,2-Dichloroethene	4.9	84	-	< 0.00028	< 0.00029	< 0.00028	-	-	-	-	-	-	< 0.00028
cis-1,3-Dichloropropene	-	-	-	< 0.00026	< 0.00026	< 0.00026	-	-	-	-	-	-	< 0.00026
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00063	< 0.00065	< 0.00064	-	-	-	-	-	-	< 0.00064
Dibromochloromethane	-	-	-	< 0.00057	< 0.00059	< 0.00058	-	-	-	-	-	-	< 0.00058
Dibromomethane	-	-	-	< 0.00078	< 0.0008	< 0.00078	-	-	-	-	-	-	< 0.00079
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.00045	< 0.00046	< 0.00045	-	-	-	-	-	-	< 0.00045
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.00015	< 0.00016	< 0.00015	-	-	-	-	-	-	< 0.00015
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.00055	< 0.00056	< 0.00055	-	-	-	-	-	-	< 0.00056
m,p-Xylenes	6	-	-	< 0.00027	< 0.00028	< 0.00027	-	-	-	-	-	-	< 0.00027
Methyl Tert Butyl Ether	-	-	-	< 0.0003	< 0.0003	< 0.0003	-	-	-	-	-	-	< 0.0003
Methylene chloride	0.019	26	-	< 0.0013	< 0.0014	< 0.0014	-	-	-	-	-	-	< 0.0014
Naphthalene	-	6.5	-	< 0.00082	< 0.00084	< 0.00082	-	-	-	-	-	-	< 0.00083
n-Butylbenzene	-	-	-	< 0.00016	< 0.00016	< 0.00016	-	-	-	-	-	-	< 0.00016

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-04	B29-05	B29-05	B29-05A	B29-05A	B29-05B	B29-05B	B29-05C	B29-05C	B29-06
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-04-5	B29-05-2	B29-05-5	B29-05A-020	B29-05A-030	B29-05B-020	B29-05B-030	B29-05C-020	B29-05C-030	B29-06-1
Sample Date				6/27/2016	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/29/2016
Sample Depth				4.5 - 5 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.0005	< 0.00052	< 0.00051	-	-	-	-	-	-	< 0.00051
o-Xylene	6	-	-	< 0.00056	< 0.00057	< 0.00056	-	-	-	-	-	-	< 0.00057
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00061	< 0.00062	< 0.00061	-	-	-	-	-	-	< 0.00061
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00015	< 0.00016	< 0.00015	-	-	-	-	-	-	< 0.00015
Tetrachloroethene	2.1	2.7	-	< 0.00021	< 0.00022	< 0.00021	-	-	-	-	-	-	< 0.00021
Toluene	0.44	5,300	-	< 0.00052	< 0.00053	< 0.00052	-	-	-	-	-	-	< 0.00052
trans-1,2-Dichloroethene	0.17	600	-	< 0.00051	< 0.00052	< 0.00051	-	-	-	-	-	-	< 0.00051
trans-1,3-Dichloropropene	-	-	-	< 0.00061	< 0.00062	< 0.00061	-	-	-	-	-	-	< 0.00062
Trichloroethene	27	6[3]	2,040	< 0.0003	**0.015**	**0.014**	-	-	-	-	-	-	< 0.00031
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.00038	< 0.00039	< 0.00038	-	-	-	-	-	-	< 0.00038
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.00035	< 0.00036	< 0.00036	-	-	-	-	-	-	< 0.00036
Vinyl acetate	-	-	-	< 0.0048	< 0.0049	< 0.0048	-	-	-	-	-	-	< 0.0048
Vinyl chloride	13	0.15	-	< 0.00051	< 0.00052	< 0.00051	-	-	-	-	-	-	< 0.00051
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-06	B29-07	B29-07	B29-07A	B29-07A	B29-07B	B29-07B	B29-08	B29-08	B29-09
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-06-5	B29-07-1	B29-07-3	B29-07A-010	B29-07A-030	B29-07B-010	B29-07B-030	B29-08-1	B29-08-5	B29-09-1
Sample Date				6/29/2016	6/29/2016	6/29/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 0.145	< 0.143	< 0.145	-	-	-	-	< 0.144	< 0.147	**0.208 J**
Arsenic	24.3	0.36/8[2]	500	**4.86**	**21.8**	**2.86**	**24.6**	**1.98 J**	**22**	**1.63 J**	**2.16**	**4.56**	**5.76**
Barium	43000	-	10,000	**48.8**	**130**	**73.1**	-	-	-	-	**55.4**	**37.3**	**37.2**
Beryllium	-	6,900	75	**0.257**	**0.404**	**0.401**	-	-	-	-	**0.364**	**0.407**	**0.228 J**
Cadmium	970	4,000	100	**0.473 J**	**0.262 J**	**0.385 J**	-	-	-	-	**0.236 J**	**0.295 J**	**0.398 J**
Chromium	660	-	2,500	**11.8**	**7**	**16**	-	-	-	-	**11.3**	**13.5**	**11.2**
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	**6.88**	**2.71**	**5.5**	-	-	-	-	**8.91**	**6.27**	**6.53**
Copper	5600	-	2,500	**21.8**	**6.97**	**8.18**	-	-	-	-	**5.75**	**10.2**	**23.1**
Lead	232	320	1,000	**12.5**	**7.82**	**3.58**	-	-	-	-	**4.93**	**8.29**	**13**
Mercury	2.1	4.4	20	**0.0357 J**	< 0.00587	**0.0102 J**	-	-	-	-	**0.0203 J**	**0.0168 J**	**0.0233 J**
Molybdenum	-	-	3,500	**0.219 J**	**0.221 J**	< 0.129	-	-	-	-	< 0.128	< 0.13	**0.143 J**
Nickel	3400	64,000	2,000	**6.35**	**4.59**	**6.28**	-	-	-	-	**8.18**	**6.84**	**4.67**
Selenium	-	-	100	**0.516 J**	**0.753**	< 0.292	-	-	-	-	< 0.289	< 0.295	< 0.295
Silver	-	-	500	< 0.0832	< 0.0824	< 0.0836	-	-	-	-	< 0.0828	< 0.0844	< 0.0844
Thallium	-	-	700	< 0.147	**0.338 J**	**0.376 J**	-	-	-	-	**0.168 J**	**0.173 J**	**0.488 J**
Vanadium	-	-	2,400	**32.8**	**16.6**	**44.5**	-	-	-	-	**33.3**	**34.3**	**27.2**
Zinc	-	-	5,000	**47.5**	**33.9**	**29.4**	-	-	-	-	**20.8**	**25.4**	**31.8**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.021	< 0.021	< 0.021	-	-	-	-	< 0.021	< 0.021	< 0.021
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.042	< 0.042	< 0.042	-	-	-	-	< 0.042	< 0.042	< 0.042
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.025	< 0.025	< 0.025	-	-	-	-	< 0.025	< 0.025	< 0.025
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.037	< 0.037	< 0.037	-	-	-	-	< 0.037	< 0.037	< 0.037
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.032	< 0.032	< 0.032	-	-	-	-	< 0.032	< 0.032	< 0.032
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.032	< 0.032	< 0.031	-	-	-	-	< 0.031	< 0.032	< 0.031
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.03	< 0.03	< 0.03	-	-	-	-	**0.17**	**0.036 J**	< 0.03
Aroclor-1262 (PCB-1262)	-	-	-	< 0.035	< 0.035	< 0.034	-	-	-	-	< 0.034	< 0.035	< 0.034
Aroclor-1268 (PCB-1268)	-	-	-	< 0.033	< 0.033	< 0.033	-	-	-	-	< 0.033	< 0.033	< 0.033
Total PCBs	130	0.58	50	< 0.042	< 0.042	< 0.042	-	-	-	-	**0.17**	**0.036**	< 0.042
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	< 0.0024	-	-	-	-	-	-	-	< 0.0023
4,4'-DDE	-	9.3	1.0	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022
4,4'-DDT	-	7.1	1.0	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022
Aldrin	-	0.18	1.4	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022
alpha-BHC	-	0.24	-	-	< 0.0037	-	-	-	-	-	-	-	< 0.0037
beta-BHC	-	0.82	-	-	< 0.0025	-	-	-	-	-	-	-	< 0.0025
Chlordane	-	6.1	2.5	-	< 0.026	-	-	-	-	-	-	-	< 0.026
delta-BHC	-	-	-	-	< 0.0044	-	-	-	-	-	-	-	< 0.0044
Dieldrin	-	0.093	8.0	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022
Endosulfan I	-	6,000	-	-	< 0.002	-	-	-	-	-	-	-	< 0.002

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-06	B29-07	B29-07	B29-07A	B29-07A	B29-07B	B29-07B	B29-08	B29-08	B29-09
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-06-5	B29-07-1	B29-07-3	B29-07A-010	B29-07A-030	B29-07B-010	B29-07B-030	B29-08-1	B29-08-5	B29-09-1
Sample Date				6/29/2016	6/29/2016	6/29/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	< 0.0024	-	-	-	-	-	-	-	< 0.0023
Endosulfan sulfate	-	11,000	-	-	< 0.0026	-	-	-	-	-	-	-	< 0.0026
Endrin	-	160	0.2	-	< 0.0024	-	-	-	-	-	-	-	< 0.0023
Endrin aldehyde	-	-	-	-	< 0.003	-	-	-	-	-	-	-	< 0.003
Endrin ketone	-	-	-	-	< 0.0025	-	-	-	-	-	-	-	< 0.0025
gamma-BHC (Lindane)	-	2	4.0	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022
Heptachlor	-	0.63	4.7	-	< 0.0022	-	-	-	-	-	-	-	< 0.0021
Heptachlor epoxide	-	0.33	-	-	< 0.0037	-	-	-	-	-	-	-	< 0.0037
Methoxychlor	-	2600	100	-	< 0.0027	-	-	-	-	-	-	-	< 0.0027
Toxaphene	-	1.2	5	-	< 0.045	-	-	-	-	-	-	-	< 0.044
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	< 0.29	-	-	-	-	-	-	< 0.3	< 0.059
1,2-Dichlorobenzene	28	-	-	-	< 0.32	-	-	-	-	-	-	< 0.32	< 0.064
1,3-Dichlorobenzene	-	-	-	-	< 0.36	-	-	-	-	-	-	< 0.37	< 0.073
1,4-Dichlorobenzene	0.23	-	-	-	< 0.37	-	-	-	-	-	-	< 0.38	< 0.075
1-Methylnaphthalene	-	30	-	-	< 0.28	-	-	-	-	-	-	< 0.28	< 0.056
2,2'-oxybis(2-Chloropropane)	-	-	-	-	< 0.29	-	-	-	-	-	-	< 0.29	< 0.057
2,4,5-Trichlorophenol	-	53,000	-	-	< 0.32	-	-	-	-	-	-	< 0.32	< 0.064
2,4,6-Trichlorophenol	-	21	-	-	< 0.38	-	-	-	-	-	-	< 0.38	< 0.077
2,4-Dichlorophenol	-	1,600	-	-	< 0.29	-	-	-	-	-	-	< 0.29	< 0.058
2,4-Dimethylphenol	-	11,000	-	-	< 1.3	-	-	-	-	-	-	< 1.3	< 0.27
2,4-Dinitrophenol	-	1,100	-	-	< 1.7	-	-	-	-	-	-	< 1.7	< 0.34
2,4-Dinitrotoluene	-	-	-	-	< 0.33	-	-	-	-	-	-	< 0.33	< 0.067
2,6-Dichlorophenol	-	4.7	-	-	< 0.46	-	-	-	-	-	-	< 0.47	< 0.093
2,6-Dinitrotoluene	-	0.99	-	-	< 0.36	-	-	-	-	-	-	< 0.36	< 0.073
2-Chloronaphthalene	-	27,000	-	-	< 0.29	-	-	-	-	-	-	< 0.3	< 0.059
2-Chlorophenol	-	3,900	-	-	< 0.33	-	-	-	-	-	-	< 0.33	< 0.067
2-Methylnaphthalene	-	1,300	-	-	< 0.3	-	-	-	-	-	-	< 0.3	< 0.06
2-Methylphenol (o-Cresol)	-	26,000	-	-	< 0.43	-	-	-	-	-	-	< 0.43	< 0.087
2-Nitroaniline	-	5,200	-	-	< 0.26	-	-	-	-	-	-	< 0.26	< 0.052
2-Nitrophenol	-	-	-	-	< 0.34	-	-	-	-	-	-	< 0.34	< 0.067
3,3'-Dichlorobenzidine	-	0.93	-	-	< 1.8	-	-	-	-	-	-	< 1.8	< 0.36
3-Nitroaniline	-	-	-	-	< 0.35	-	-	-	-	-	-	< 0.35	< 0.07
4,6-Dinitro-2-methylphenol	-	42	-	-	< 3.1	-	-	-	-	-	-	< 3.2	< 0.63
4-Bromophenyl phenyl ether	-	-	-	-	< 0.3	-	-	-	-	-	-	< 0.31	< 0.061
4-Chloro-3-methylphenol	-	53,000	-	-	< 0.33	-	-	-	-	-	-	< 0.33	< 0.066
4-Chloroaniline	-	7.4	-	-	< 0.32	-	-	-	-	-	-	< 0.33	< 0.065
4-Chlorophenyl phenyl ether	-	-	-	-	< 0.32	-	-	-	-	-	-	< 0.32	< 0.064
4-Nitroaniline	-	74	-	-	< 0.32	-	-	-	-	-	-	< 0.33	< 0.065
4-Nitrophenol	-	-	-	-	< 0.27	-	-	-	-	-	-	< 0.27	< 0.054

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-06	B29-07	B29-07	B29-07A	B29-07A	B29-07B	B29-07B	B29-08	B29-08	B29-09
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-06-5	B29-07-1	B29-07-3	B29-07A-010	B29-07A-030	B29-07B-010	B29-07B-030	B29-08-1	B29-08-5	B29-09-1
Sample Date				6/29/2016	6/29/2016	6/29/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	< 0.004	-	-	-	-	-	-	< 0.32	< 0.063
Acenaphthylene	-	-	-	-	< 0.0042	-	-	-	-	-	-	< 0.3	< 0.06
Aniline	-	260	-	-	< 0.3	-	-	-	-	-	-	< 0.3	< 0.06
Anthracene	-	130,000	-	-	< 0.002	-	-	-	-	-	-	< 0.32	< 0.063
Azobenzene	-	-	-	-	< 0.27	-	-	-	-	-	-	< 0.27	< 0.054
Benzidine	-	0.003	-	-	< 4.1	-	-	-	-	-	-	< 4.1	< 0.83
Benzo(a)anthracene	-	12	-	-	< 0.0025	-	-	-	-	-	-	< 0.28	< 0.057
Benzo(a)pyrene	14	1.3	-	-	**0.011**	-	-	-	-	-	-	< 0.27	< 0.054
Benzo(b)fluoranthene	-	13	-	-	**0.01**	-	-	-	-	-	-	< 0.32	< 0.064
Benzo(g,h,i)perylene	-	-	-	-	**0.026**	-	-	-	-	-	-	< 0.28	< 0.055
Benzo(k)fluoranthene	-	210,000	-	-	**0.032**	-	-	-	-	-	-	< 0.32	< 0.065
Benzoic acid	-	2,100,000	-	-	< 2.5	-	-	-	-	-	-	< 2.5	< 0.5
Benzyl Alcohol	-	53,000	-	-	< 0.33	-	-	-	-	-	-	< 0.33	< 0.066
bis(2-Chloroethoxy)methane	-	1,600	-	-	< 0.28	-	-	-	-	-	-	< 0.28	< 0.056
bis(2-Chloroethyl)ether	-	0.47	-	-	< 2	-	-	-	-	-	-	< 2	< 0.41
bis(2-Ethylhexyl)phthalate	57	110	-	-	< 0.27	-	-	-	-	-	-	< 0.27	< 0.053
Butyl benzylphthalate	-	780	-	-	< 0.27	-	-	-	-	-	-	< 0.27	< 0.054
Chrysene	-	1,300	-	-	< 0.0021	-	-	-	-	-	-	< 0.32	< 0.064
Dibenz(a,h)anthracene	-	0.31	-	-	< 0.0029	-	-	-	-	-	-	< 0.23	< 0.046
Dibenzofuran	-	650	-	-	< 0.3	-	-	-	-	-	-	< 0.3	< 0.06
Diethyl phthalate	-	420,000	-	-	< 0.29	-	-	-	-	-	-	< 0.29	< 0.058
Dimethyl phthalate	-	-	-	-	< 0.56	-	-	-	-	-	-	< 0.57	< 0.11
Di-n-butylphthalate	-	53,000	-	-	< 0.3	-	-	-	-	-	-	< 0.3	< 0.06
Di-n-octyl phthalate	-	5,300	-	-	< 0.5	-	-	-	-	-	-	< 0.5	< 0.1
Fluoranthene	-	18,000	-	-	< 0.0021	-	-	-	-	-	-	< 0.31	< 0.062
Fluorene	-	17,000	-	-	< 0.0017	-	-	-	-	-	-	< 0.32	< 0.063
Hexachlorobenzene	-	0.86	-	-	< 0.33	-	-	-	-	-	-	< 0.33	< 0.067
Hexachlorobutadiene	-	5.3	-	-	< 0.31	-	-	-	-	-	-	< 0.32	< 0.063
Hexachlorocyclopentadiene	-	-	-	-	< 2.5	-	-	-	-	-	-	< 2.5	< 0.5
Hexachloroethane	-	-	-	-	< 0.39	-	-	-	-	-	-	< 0.39	< 0.078
Indeno(1,2,3-cd)pyrene	-	13	-	-	< 0.0022	-	-	-	-	-	-	< 0.27	< 0.053
Isophorone	-	1,600	-	-	< 0.28	-	-	-	-	-	-	< 0.28	< 0.057
m,p-Cresols	-	-	-	-	< 0.81	-	-	-	-	-	-	< 0.81	< 0.16
Naphthalene	-	6.5	-	-	< 0.004	-	-	-	-	-	-	< 0.29	< 0.059
Nitrobenzene	-	-	-	-	< 1.6	-	-	-	-	-	-	< 1.6	< 0.32
N-Nitrosodimethylamine	-	0.53	-	-	< 0.23	-	-	-	-	-	-	< 0.24	< 0.047
N-Nitrosodi-n-propylamine	-	0.21	-	-	< 0.42	-	-	-	-	-	-	< 0.42	< 0.084
N-Nitrosodiphenylamine	-	300	-	-	< 0.68	-	-	-	-	-	-	< 0.68	< 0.14
Pentachlorophenol	0.0717	2	-	-	< 1.9	-	-	-	-	-	-	< 1.9	< 0.39
Phenanthrene	-	-	-	-	< 0.0021	-	-	-	-	-	-	< 0.34	< 0.069
Phenol	-	160,000	-	-	< 0.24	-	-	-	-	-	-	< 0.24	< 0.048
Pyrene	-	13,000	-	-	< 0.0029	-	-	-	-	-	-	< 0.38	< 0.077
Pyridine	-	530	-	-	< 0.27	-	-	-	-	-	-	< 0.27	< 0.055

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	B29-06	B29-07	B29-07	B29-07A	B29-07A	B29-07B	B29-07B	B29-08	B29-08	B29-09
Sample Name				B29-06-5	B29-07-1	B29-07-3	B29-07A-010	B29-07A-030	B29-07B-010	B29-07B-030	B29-08-1	B29-08-5	B29-09-1
Sample Date				6/29/2016	6/29/2016	6/29/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/28/2016	6/28/2016	6/29/2016
Sample Depth	(mg/kg)	(mg/kg)	(mg/kg)	4.5 - 5 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C7)	-	-	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C8)	-	-	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	**29 J**	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	**21 J**	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	**43 J**	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	**55**	< 6.3	**1.4 J**	-	-	-	-	< 25	< 25	< 1.3
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	**69**	**7.1 J**	**2.6 J**	-	-	-	-	**26 J**	**31 J**	< 1.3
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	**200**	**140**	**3.4 J**	-	-	-	-	**140**	**160**	**6.2**
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	**130**	**170**	**2.5 J**	-	-	-	-	**130**	**160**	**4.2 J**
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	**140**	**6.5 J**	< 1.3	-	-	-	-	**86 J**	**110**	**5.2**
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	< 13	**18 J**	< 1.3	-	-	-	-	**36 J**	**42 J**	< 1.3
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	**690**	**340**	**9.9**	-	-	-	-	**420**	**510**	**16**
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Diesel C9-C16 (calculated)	5,400	97	-	< 13	< 6.3	< 1.3	-	-	-	-	< 25	< 25	< 1.3
Oil C17-C32 (calculated)	7,300	2,400	-	**417**	**147.1**	**7.4**	-	-	-	-	**166**	**191**	**6.2**
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.00023	< 0.00025	< 0.00025	-	-	-	-	< 0.00024	< 0.00025	< 0.00024
1,1,1-Trichloroethane	1.7	7,200	-	< 0.00022	< 0.00023	< 0.00023	-	-	-	-	< 0.00023	< 0.00024	< 0.00022
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00034	< 0.00035	< 0.00036	-	-	-	-	< 0.00035	< 0.00036	< 0.00034
1,1,2-Trichloroethane	0.04	-	-	< 0.00034	< 0.00036	< 0.00037	-	-	-	-	< 0.00036	< 0.00037	< 0.00035
1,1-Dichloroethane	0.56	16	-	< 0.00021	< 0.00022	< 0.00022	-	-	-	-	< 0.00021	< 0.00022	< 0.00021
1,1-Dichloroethene	0.071	350	-	< 0.00034	< 0.00035	< 0.00036	-	-	-	-	< 0.00035	< 0.00036	< 0.00034
1,1-Dichloropropene	-	-	-	< 0.00032	< 0.00034	< 0.00034	-	-	-	-	< 0.00033	< 0.00034	< 0.00033
1,2,3-Trichlorobenzene	-	300	-	< 0.00089	< 0.00093	< 0.00095	-	-	-	-	< 0.00092	< 0.00096	< 0.00091
1,2,3-Trichloropropane	-	0.021	-	< 0.00081	< 0.00085	< 0.00086	-	-	-	-	< 0.00084	< 0.00087	< 0.00082
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.0003	< 0.00032	< 0.00032	-	-	-	-	< 0.00031	< 0.00033	< 0.00031
1,2,4-Trimethylbenzene	-	-	-	< 0.00057	< 0.0006	< 0.00061	-	-	-	-	< 0.00059	< 0.00061	< 0.00058
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0017	< 0.0018	< 0.0018	-	-	-	-	< 0.0018	< 0.0018	< 0.0017
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.00025	< 0.00026	< 0.00026	-	-	-	-	< 0.00026	< 0.00027	< 0.00025
1,2-Dichlorobenzene	28	-	-	< 0.00022	< 0.00023	< 0.00024	-	-	-	-	< 0.00023	< 0.00024	< 0.00023
1,2-Dichloroethane	0.0028	-	-	< 0.0003	< 0.00032	< 0.00033	-	-	-	-	< 0.00032	< 0.00033	< 0.00031
1,2-Dichloropropane	-	-	-	< 0.00043	< 0.00045	< 0.00045	-	-	-	-	< 0.00044	< 0.00046	< 0.00043

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-06	B29-07	B29-07	B29-07A	B29-07A	B29-07B	B29-07B	B29-08	B29-08	B29-09
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-06-5	B29-07-1	B29-07-3	B29-07A-010	B29-07A-030	B29-07B-010	B29-07B-030	B29-08-1	B29-08-5	B29-09-1
Sample Date				6/29/2016	6/29/2016	6/29/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00053	< 0.00056	< 0.00057	-	-	-	-	< 0.00055	< 0.00058	< 0.00054
1,3-Dichlorobenzene	-	-	-	< 0.00017	< 0.00018	< 0.00018	-	-	-	-	< 0.00018	< 0.00018	< 0.00017
1,3-Dichloropropane	-	2,200	-	< 0.00025	< 0.00026	< 0.00026	-	-	-	-	< 0.00026	< 0.00026	< 0.00025
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00022	< 0.00023	< 0.00023	-	-	-	-	< 0.00022	< 0.00023	< 0.00022
2,2-Dichloropropane	-	-	-	< 0.00032	< 0.00034	< 0.00034	-	-	-	-	< 0.00033	< 0.00035	< 0.00033
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.0037	< 0.0039	< 0.0039	-	-	-	-	< 0.0038	< 0.004	< 0.0037
2-Chlorotoluene	-	2,500	-	< 0.00022	< 0.00024	< 0.00024	-	-	-	-	< 0.00023	< 0.00024	< 0.00023
2-Hexanone	-	-	-	< 0.0017	< 0.0018	< 0.0018	-	-	-	-	< 0.0018	< 0.0018	< 0.0017
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00056	< 0.00059	< 0.0006	-	-	-	-	< 0.00058	< 0.00061	< 0.00057
4-Chlorotoluene	-	2,300	-	< 0.00021	< 0.00022	< 0.00022	-	-	-	-	< 0.00022	< 0.00022	< 0.00021
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.0042	< 0.0044	< 0.0045	-	-	-	-	< 0.0044	< 0.0045	< 0.0043
Acetone	-	-	-	< 0.0061	< 0.0064	< 0.0065	-	-	-	-	< 0.0063	< 0.0065	< 0.0062
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.00013	< 0.00013	< 0.00013	-	-	-	-	< 0.00013	< 0.00014	< 0.00013
Bromobenzene	-	-	-	< 0.0002	< 0.00021	< 0.00022	-	-	-	-	< 0.00021	< 0.00022	< 0.00021
Bromodichloromethane	-	1.3	-	< 0.00023	< 0.00024	< 0.00024	-	-	-	-	< 0.00024	< 0.00024	< 0.00023
Bromoform	-	86	-	< 0.00077	< 0.00081	< 0.00082	-	-	-	-	< 0.0008	< 0.00083	< 0.00079
Bromomethane (Methyl Bromide)	-	-	-	< 0.0091	< 0.0096	< 0.0098	-	-	-	-	< 0.0095	< 0.0099	< 0.0093
Carbon disulfide	-	-	-	< 0.0003	< 0.00031	< 0.00032	-	-	-	-	< 0.00031	< 0.00032	< 0.0003
Carbon tetrachloride	-	2.9	-	< 0.00027	< 0.00029	< 0.00029	-	-	-	-	< 0.00029	< 0.0003	< 0.00028
Chlorobenzene	2	-	-	< 0.00022	< 0.00023	< 0.00023	-	-	-	-	< 0.00023	< 0.00023	< 0.00022
Chlorobromomethane	-	4.1	-	< 0.00067	< 0.00071	< 0.00072	-	-	-	-	< 0.0007	< 0.00072	< 0.00068
Chloroethane	-	-	-	< 0.0014	< 0.0015	< 0.0015	-	-	-	-	< 0.0015	< 0.0016	< 0.0015
Chloroform (Trichloromethane)	-	-	-	< 0.00023	< 0.00024	< 0.00025	-	-	-	-	< 0.00024	< 0.00025	< 0.00024
Chloromethane (Methyl Chloride)	-	-	-	< 0.0003	< 0.00031	< 0.00032	-	-	-	-	< 0.00031	< 0.00032	< 0.0003
cis-1,2-Dichloroethene	4.9	84	-	< 0.00027	< 0.00029	< 0.00029	-	-	-	-	< 0.00028	< 0.00029	< 0.00028
cis-1,3-Dichloropropene	-	-	-	< 0.00025	< 0.00026	< 0.00026	-	-	-	-	< 0.00026	< 0.00027	< 0.00025
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00061	< 0.00064	< 0.00065	-	-	-	-	< 0.00064	< 0.00066	< 0.00062
Dibromochloromethane	-	-	-	< 0.00055	< 0.00058	< 0.00059	-	-	-	-	< 0.00058	< 0.0006	< 0.00057
Dibromomethane	-	-	-	< 0.00075	< 0.00079	< 0.0008	-	-	-	-	< 0.00078	< 0.00081	< 0.00077
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.00043	< 0.00045	< 0.00046	-	-	-	-	< 0.00045	< 0.00046	< 0.00044
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.00015	< 0.00015	< 0.00016	-	-	-	-	< 0.00015	< 0.00016	< 0.00015
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.00053	< 0.00056	< 0.00057	-	-	-	-	< 0.00055	< 0.00057	< 0.00054
m,p-Xylenes	6	-	-	< 0.00026	< 0.00027	< 0.00028	-	-	-	-	< 0.00027	< 0.00028	< 0.00027
Methyl Tert Butyl Ether	-	-	-	< 0.00029	< 0.0003	< 0.00031	-	-	-	-	< 0.0003	< 0.00031	< 0.00029
Methylene chloride	0.019	26	-	< 0.0013	< 0.0014	< 0.0014	-	-	-	-	< 0.0014	< 0.0014	< 0.0013
Naphthalene	-	6.5	-	< 0.00079	< 0.00083	< 0.00084	-	-	-	-	< 0.00082	< 0.00085	< 0.00081
n-Butylbenzene	-	-	-	< 0.00015	< 0.00016	< 0.00016	-	-	-	-	< 0.00016	< 0.00016	< 0.00016

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-06	B29-07	B29-07	B29-07A	B29-07A	B29-07B	B29-07B	B29-08	B29-08	B29-09
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-06-5	B29-07-1	B29-07-3	B29-07A-010	B29-07A-030	B29-07B-010	B29-07B-030	B29-08-1	B29-08-5	B29-09-1
Sample Date				6/29/2016	6/29/2016	6/29/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.00049	< 0.00051	< 0.00052	-	-	-	-	< 0.00051	< 0.00053	< 0.0005
o-Xylene	6	-	-	< 0.00054	< 0.00057	< 0.00058	-	-	-	-	< 0.00056	< 0.00058	< 0.00055
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00059	< 0.00062	< 0.00063	-	-	-	-	< 0.00061	< 0.00063	< 0.0006
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00015	< 0.00015	< 0.00016	-	-	-	-	< 0.00015	< 0.00016	< 0.00015
Tetrachloroethene	2.1	2.7	-	< 0.0002	< 0.00021	< 0.00022	-	-	-	-	< 0.00021	< 0.00022	< 0.00021
Toluene	0.44	5,300	-	< 0.0005	< 0.00053	< 0.00053	-	-	-	-	< 0.00052	< 0.00054	< 0.00051
trans-1,2-Dichloroethene	0.17	600	-	< 0.00049	< 0.00052	< 0.00052	-	-	-	-	< 0.00051	< 0.00053	< 0.0005
trans-1,3-Dichloropropene	-	-	-	< 0.00059	< 0.00062	< 0.00063	-	-	-	-	< 0.00061	< 0.00064	< 0.0006
Trichloroethene	27	6[3]	2,040	< 0.00029	< 0.00031	< 0.00031	-	-	-	-	< 0.0003	< 0.00032	< 0.0003
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.00036	< 0.00038	< 0.00039	-	-	-	-	< 0.00038	< 0.00039	< 0.00037
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.00034	< 0.00036	< 0.00037	-	-	-	-	< 0.00036	< 0.00037	< 0.00035
Vinyl acetate	-	-	-	< 0.0046	< 0.0049	< 0.0049	-	-	-	-	< 0.0048	< 0.005	< 0.0047
Vinyl chloride	13	0.15	-	< 0.00049	< 0.00051	< 0.00052	-	-	-	-	< 0.00051	< 0.00053	< 0.0005
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

BOLD = concentration detected at or above reported detection limit.

No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).

< = analyte not detected above the indicated reporting limit.

B = compound detected in the associated blank

J = estimated concentration.

- = not analyzed or not applicable.

mg/kg = milligrams per kilogram.

bgs = below ground surface.

GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)

DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.

TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24

[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.

[2] Site background

[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-09	B29-10	B29-10	B29-11	B29-11	B29-12	B29-12	B29-13	B29-13	B29-14
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-09-5	B29-10-1	B29-10-5	B29-11-1	B29-11-5	B29-12-1	B29-12-5	B29-13-4	B29-13-5	B29-14-1.5
Sample Date				6/29/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	3.5 - 4 (ft)	4.5 - 5 (ft)	1 - 1.5 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 0.154	< 0.143	< 0.15	< 0.154	< 0.148	**0.226 J**	< 0.145	< 0.154	< 0.154	< 0.147
Arsenic	24.3	0.36/8[2]	500	**1.27**	**5.81**	**2.25**	**2.12**	**4.59**	**1.45**	**1.75**	**3.85**	**3.16**	**1.29**
Barium	43000	-	10,000	**52.1**	**58.9**	**197**	**96.1**	**26.5**	**57.8**	**72**	**143**	**54.3**	**30.9**
Beryllium	-	6,900	75	**0.227 J**	**0.232 J**	**0.494**	**0.391**	**0.183 J**	**0.154 J**	**0.526**	**0.352**	**0.399**	**0.276**
Cadmium	970	4,000	100	**0.175 J**	**0.908**	**0.283 J**	**0.278 J**	**0.252 J**	**0.215 J**	**0.264 J**	**0.372 J**	**0.327 J**	**0.245 J**
Chromium	660	-	2,500	**8.04**	**10.7**	**14.7**	**12.1**	**8.02**	**6.5**	**13.2**	**12.4**	**14.5**	**10**
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	**5.7**	**6.21**	**7.95**	**7.98**	**5.28**	**6.2**	**8.32**	**7.11**	**6.24**	**4.97**
Copper	5600	-	2,500	**3.05**	**35.4**	**6.49**	**5.97**	**12.6**	**5.9**	**6.56**	**4.83**	**5.56**	**2.8**
Lead	232	320	1,000	**3.02**	**21.7**	**4.57**	**4.79**	**9.33**	**4.97**	**5.28**	**2.45**	**3.57**	**2.25**
Mercury	2.1	4.4	20	< 0.00559	**0.0515 J**	**0.0114 J**	**0.00706 J**	**0.0115 J**	**0.0065 J**	**0.0181 J**	**0.0122 J**	**0.00769 J**	< 0.00559
Molybdenum	-	-	3,500	< 0.137	**0.275**	< 0.133	< 0.137	< 0.131	**0.201 J**	< 0.129	< 0.137	< 0.137	< 0.131
Nickel	3400	64,000	2,000	**4.33**	**7.41**	**7.73**	**8.08**	**3.56**	**7.28**	**8.53**	**6.24**	**6.25**	**4.12**
Selenium	-	-	100	**0.334 J**	< 0.287	< 0.301	< 0.31	**0.4 J**	< 0.3	< 0.292	**0.804**	< 0.31	**0.307 J**
Silver	-	-	500	< 0.0888	< 0.082	< 0.0861	< 0.0888	< 0.0853	< 0.0857	< 0.0836	< 0.0888	< 0.0888	< 0.0849
Thallium	-	-	700	**0.172 J**	< 0.145	**0.409 J**	< 0.157	< 0.151	< 0.152	**0.314 J**	**0.248 J**	< 0.157	< 0.15
Vanadium	-	-	2,400	**26.7**	**26.9**	**39.3**	**35.6**	**20.2**	**29.7**	**34.9**	**39.1**	**41**	**39.4**
Zinc	-	-	5,000	**13.7**	**53.1**	**28.9**	**24.1**	**16**	**24.5**	**28.1**	**20.3**	**23.8**	**27**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.032	< 0.031	< 0.032	< 0.031	< 0.032	< 0.031	< 0.032	< 0.032	< 0.032	< 0.031
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Aroclor-1262 (PCB-1262)	-	-	-	< 0.035	< 0.034	< 0.035	< 0.034	< 0.035	< 0.034	< 0.035	< 0.035	< 0.035	< 0.034
Aroclor-1268 (PCB-1268)	-	-	-	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Total PCBs	130	0.58	50	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	< 0.0023	-	< 0.0024	-	< 0.0023
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	< 0.0022	-	< 0.0022	-	< 0.0022
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	< 0.0022	-	< 0.0022	-	< 0.0022
Aldrin	-	0.18	1.4	-	-	-	-	-	< 0.0022	-	< 0.0022	-	< 0.0022
alpha-BHC	-	0.24	-	-	-	-	-	-	< 0.0037	-	< 0.0037	-	< 0.0037
beta-BHC	-	0.82	-	-	-	-	-	-	< 0.0025	-	< 0.0025	-	< 0.0025
Chlordane	-	6.1	2.5	-	-	-	-	-	< 0.026	-	< 0.026	-	< 0.026
delta-BHC	-	-	-	-	-	-	-	-	< 0.0044	-	< 0.0044	-	< 0.0044
Dieldrin	-	0.093	8.0	-	-	-	-	-	< 0.0022	-	< 0.0022	-	< 0.0022
Endosulfan I	-	6,000	-	-	-	-	-	-	< 0.002	-	< 0.002	-	< 0.002

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-09	B29-10	B29-10	B29-11	B29-11	B29-12	B29-12	B29-13	B29-13	B29-14
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-09-5	B29-10-1	B29-10-5	B29-11-1	B29-11-5	B29-12-1	B29-12-5	B29-13-4	B29-13-5	B29-14-1.5
Sample Date				6/29/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	3.5 - 4 (ft)	4.5 - 5 (ft)	1 - 1.5 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	< 0.0023	-	< 0.0023	-	< 0.0023
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	< 0.0026	-	< 0.0026	-	< 0.0026
Endrin	-	160	0.2	-	-	-	-	-	< 0.0023	-	< 0.0023	-	< 0.0023
Endrin aldehyde	-	-	-	-	-	-	-	-	< 0.003	-	< 0.003	-	< 0.003
Endrin ketone	-	-	-	-	-	-	-	-	< 0.0025	-	< 0.0025	-	< 0.0025
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	< 0.0022	-	< 0.0022	-	< 0.0022
Heptachlor	-	0.63	4.7	-	-	-	-	-	< 0.0021	-	< 0.0022	-	< 0.0021
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	< 0.0037	-	< 0.0037	-	< 0.0037
Methoxychlor	-	2600	100	-	-	-	-	-	< 0.0027	-	< 0.0027	-	< 0.0027
Toxaphene	-	1.2	5	-	-	-	-	-	< 0.044	-	< 0.045	-	< 0.044
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	< 0.29	-	< 0.059	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	< 0.32	-	< 0.064	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	< 0.36	-	< 0.073	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	< 0.37	-	< 0.075	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	< 0.28	-	< 0.056	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	< 0.28	-	< 0.057	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	< 0.31	-	< 0.063	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	< 0.38	-	< 0.076	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	< 0.29	-	< 0.058	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	< 1.3	-	< 0.26	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	< 1.7	-	< 0.34	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	< 0.33	-	< 0.066	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	< 0.46	-	< 0.093	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	< 0.36	-	< 0.072	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	< 0.29	-	< 0.059	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	< 0.33	-	< 0.066	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	< 0.3	-	< 0.06	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	< 0.43	-	< 0.086	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	< 0.26	-	< 0.052	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	< 0.33	-	< 0.067	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	< 1.8	-	< 0.36	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	< 0.35	-	< 0.069	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	< 3.1	-	< 0.63	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	< 0.3	-	< 0.061	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	< 0.33	-	< 0.066	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	< 0.32	-	< 0.065	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	< 0.32	-	< 0.064	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	< 0.32	-	< 0.065	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	< 0.27	-	< 0.054	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-09	B29-10	B29-10	B29-11	B29-11	B29-12	B29-12	B29-13	B29-13	B29-14
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-09-5	B29-10-1	B29-10-5	B29-11-1	B29-11-5	B29-12-1	B29-12-5	B29-13-4	B29-13-5	B29-14-1.5
Sample Date				6/29/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	3.5 - 4 (ft)	4.5 - 5 (ft)	1 - 1.5 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	< 0.31	-	< 0.063	-	< 0.004	-	< 0.004	-	-
Acenaphthylene	-	-	-	-	< 0.3	-	< 0.059	-	< 0.0042	-	< 0.0041	-	-
Aniline	-	260	-	-	< 0.3	-	< 0.059	-	-	-	-	-	-
Anthracene	-	130,000	-	-	< 0.31	-	< 0.063	-	< 0.002	-	< 0.002	-	-
Azobenzene	-	-	-	-	< 0.27	-	< 0.054	-	-	-	-	-	-
Benzidine	-	0.003	-	-	< 4.1	-	< 0.82	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	< 0.28	-	< 0.057	-	< 0.0025	-	< 0.0024	-	-
Benzo(a)pyrene	14	1.3	-	-	< 0.27	-	< 0.054	-	**0.048**	-	< 0.002	-	-
Benzo(b)fluoranthene	-	13	-	-	< 0.32	-	< 0.063	-	**0.071**	-	< 0.0021	-	-
Benzo(g,h,i)perylene	-	-	-	-	< 0.27	-	< 0.055	-	**0.025**	-	< 0.0018	-	-
Benzo(k)fluoranthene	-	210,000	-	-	< 0.32	-	< 0.065	-	**0.065**	-	< 0.0017	-	-
Benzoic acid	-	2,100,000	-	-	< 2.5	-	< 0.49	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	< 0.33	-	< 0.066	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	< 0.28	-	< 0.056	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	< 2	-	< 0.4	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	< 0.26	-	< 0.053	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	< 0.27	-	< 0.054	-	-	-	-	-	-
Chrysene	-	1,300	-	-	< 0.32	-	< 0.064	-	< 0.0021	-	< 0.002	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	< 0.23	-	< 0.046	-	**0.63**	-	< 0.0029	-	-
Dibenzofuran	-	650	-	-	< 0.3	-	< 0.06	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	< 0.29	-	< 0.058	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	< 0.56	-	**0.25 J**	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	< 0.3	-	< 0.06	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	< 0.5	-	< 0.1	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	< 0.31	-	< 0.062	-	< 0.0021	-	< 0.0021	-	-
Fluorene	-	17,000	-	-	< 0.31	-	< 0.063	-	< 0.0017	-	< 0.0017	-	-
Hexachlorobenzene	-	0.86	-	-	< 0.33	-	< 0.066	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	< 0.31	-	< 0.063	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	< 2.5	-	< 0.5	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	< 0.39	-	< 0.078	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	< 0.26	-	< 0.053	-	**0.72**	-	< 0.0022	-	-
Isophorone	-	1,600	-	-	< 0.28	-	< 0.057	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	< 0.81	-	< 0.16	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	< 0.29	-	< 0.058	-	< 0.004	-	< 0.004	-	-
Nitrobenzene	-	-	-	-	< 1.6	-	< 0.32	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	< 0.23	-	< 0.047	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	< 0.41	-	< 0.083	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	< 0.68	-	< 0.14	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	< 1.9	-	< 0.38	-	-	-	-	-	-
Phenanthrene	-	-	-	-	< 0.34	-	< 0.068	-	**0.0063 J**	-	< 0.0021	-	-
Phenol	-	160,000	-	-	< 0.24	-	< 0.048	-	-	-	-	-	-
Pyrene	-	13,000	-	-	< 0.38	-	< 0.076	-	**0.017**	-	< 0.0029	-	-
Pyridine	-	530	-	-	< 0.27	-	< 0.054	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-09	B29-10	B29-10	B29-11	B29-11	B29-12	B29-12	B29-13	B29-13	B29-14
Sample Name				B29-09-5	B29-10-1	B29-10-5	B29-11-1	B29-11-5	B29-12-1	B29-12-5	B29-13-4	B29-13-5	B29-14-1.5
Sample Date				6/29/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	3.5 - 4 (ft)	4.5 - 5 (ft)	1 - 1.5 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C7)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C8)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	**2 J**	< 1.2
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	< 1.3	< 13	< 1.3	**1.6 J**	< 1.2	**61 J**	< 1.2	< 1.3	**3.7 J**	< 1.2
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	< 1.3	**82**	**2.2 J**	**10**	< 1.2	**280**	**4.2 J**	< 1.3	**3.5 J**	**6.7**
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	< 1.3	**86**	**2.8 J**	**10**	< 1.2	**260**	**3.9 J**	< 1.3	< 1.3	**8.3**
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	< 1.3	**61**	< 1.3	**3.6 J**	< 1.2	**120 J**	**2.5 J**	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	< 1.3	**15 J**	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	< 1.3	**240**	**5**	**26**	< 1.3	**720**	**11**	< 1.3	**9.2**	**15**
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Diesel C9-C16 (calculated)	5,400	97	-	< 1.3	< 13	< 1.3	< 1.2	< 1.2	< 38	< 1.2	< 1.3	< 1.3	< 1.2
Oil C17-C32 (calculated)	7,300	2,400	-	< 1.3	**82**	**2.2**	**11.6**	< 1.2	**341**	**4.2**	< 1.3	**9.2**	**6.7**
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.00024	< 0.00025	< 0.00024	< 0.00024	< 0.00025	< 0.00025	< 0.00024	< 0.00025	< 0.00025	< 0.00024
1,1,1-Trichloroethane	1.7	7,200	-	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00023	< 0.00023
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00034	< 0.00036	< 0.00035	< 0.00034	< 0.00036	< 0.00036	< 0.00035	< 0.00036	< 0.00036	< 0.00035
1,1,2-Trichloroethane	0.04	-	-	< 0.00035	< 0.00037	< 0.00036	< 0.00035	< 0.00037	< 0.00037	< 0.00035	< 0.00036	< 0.00037	< 0.00036
1,1-Dichloroethane	0.56	16	-	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.00022	< 0.00022	< 0.00021
1,1-Dichloroethene	0.071	350	-	< 0.00034	< 0.00036	< 0.00035	< 0.00034	< 0.00036	< 0.00036	< 0.00035	< 0.00036	< 0.00036	< 0.00035
1,1-Dichloropropene	-	-	-	< 0.00033	< 0.00034	< 0.00033	< 0.00032	< 0.00034	< 0.00034	< 0.00033	< 0.00034	< 0.00034	< 0.00033
1,2,3-Trichlorobenzene	-	300	-	< 0.00091	< 0.00095	< 0.00092	< 0.0009	< 0.00095	< 0.00095	< 0.00091	< 0.00094	< 0.00095	< 0.00093
1,2,3-Trichloropropane	-	0.021	-	< 0.00082	< 0.00086	< 0.00084	< 0.00082	< 0.00086	< 0.00086	< 0.00083	< 0.00085	< 0.00086	< 0.00084
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.00031	< 0.00032	< 0.00031	< 0.00031	< 0.00032	< 0.00032	< 0.00031	< 0.00032	< 0.00032	< 0.00031
1,2,4-Trimethylbenzene	-	-	-	< 0.00058	< 0.00061	< 0.00059	< 0.00058	< 0.00061	< 0.00061	< 0.00059	< 0.0006	< 0.00061	< 0.00059
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0018
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00026	< 0.00027	< 0.00026
1,2-Dichlorobenzene	28	-	-	< 0.00023	< 0.00024	< 0.00023	< 0.00023	< 0.00024	< 0.00024	< 0.00023	< 0.00024	< 0.00024	< 0.00023
1,2-Dichloroethane	0.0028	-	-	< 0.00031	< 0.00033	< 0.00032	< 0.00031	< 0.00033	< 0.00033	< 0.00031	< 0.00032	< 0.00033	< 0.00032
1,2-Dichloropropane	-	-	-	< 0.00043	< 0.00045	< 0.00044	< 0.00043	< 0.00045	< 0.00045	< 0.00044	< 0.00045	< 0.00046	< 0.00044

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-09	B29-10	B29-10	B29-11	B29-11	B29-12	B29-12	B29-13	B29-13	B29-14
Sample Name				B29-09-5	B29-10-1	B29-10-5	B29-11-1	B29-11-5	B29-12-1	B29-12-5	B29-13-4	B29-13-5	B29-14-1.5
Sample Date				6/29/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	3.5 - 4 (ft)	4.5 - 5 (ft)	1 - 1.5 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00054	< 0.00057	< 0.00055	< 0.00054	< 0.00057	< 0.00057	< 0.00055	< 0.00056	< 0.00057	< 0.00056
1,3-Dichlorobenzene	-	-	-	< 0.00017	< 0.00018	< 0.00018	< 0.00017	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
1,3-Dichloropropane	-	2,200	-	< 0.00025	< 0.00026	< 0.00025	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00026	< 0.00026	< 0.00026
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00022	< 0.00023	< 0.00022	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00023	< 0.00023
2,2-Dichloropropane	-	-	-	< 0.00033	< 0.00034	< 0.00033	< 0.00033	< 0.00034	< 0.00034	< 0.00033	< 0.00034	< 0.00034	< 0.00034
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.0037	< 0.0039	< 0.0038	< 0.0037	< 0.0039	< 0.0039	< 0.0038	< 0.0039	< 0.0039	< 0.0038
2-Chlorotoluene	-	2,500	-	< 0.00023	< 0.00024	< 0.00023	< 0.00023	< 0.00024	< 0.00024	< 0.00023	< 0.00024	< 0.00024	< 0.00023
2-Hexanone	-	-	-	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00057	< 0.0006	< 0.00058	< 0.00057	< 0.0006	< 0.0006	< 0.00058	< 0.00059	< 0.0006	< 0.00059
4-Chlorotoluene	-	2,300	-	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.00022	< 0.00022	< 0.00022
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.0043	< 0.0045	< 0.0043	< 0.0043	< 0.0045	< 0.0045	< 0.0043	< 0.0044	< 0.0045	< 0.0044
Acetone	-	-	-	< 0.0062	< 0.0065	< 0.0063	< 0.0062	< 0.0065	< 0.0065	< 0.0062	< 0.0064	< 0.0065	**0.012 J**
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Bromobenzene	-	-	-	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.00022	< 0.00022	< 0.00021
Bromodichloromethane	-	1.3	-	< 0.00023	< 0.00024	< 0.00023	< 0.00023	< 0.00024	< 0.00024	< 0.00023	< 0.00024	< 0.00024	< 0.00024
Bromoform	-	86	-	< 0.00079	< 0.00082	< 0.0008	< 0.00078	< 0.00082	< 0.00082	< 0.00079	< 0.00082	< 0.00083	< 0.00081
Bromomethane (Methyl Bromide)	-	-	-	< 0.0093	< 0.0098	< 0.0095	< 0.0093	< 0.0098	< 0.0098	< 0.0094	< 0.0097	< 0.0098	< 0.0096
Carbon disulfide	-	-	-	< 0.0003	< 0.00032	< 0.00031	< 0.0003	< 0.00032	< 0.00032	< 0.00031	< 0.00031	< 0.00032	< 0.00031
Carbon tetrachloride	-	2.9	-	< 0.00028	< 0.00029	< 0.00028	< 0.00028	< 0.00029	< 0.00029	< 0.00028	< 0.00029	< 0.00029	< 0.00029
Chlorobenzene	2	-	-	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00023	< 0.00023
Chlorobromomethane	-	4.1	-	< 0.00068	< 0.00072	< 0.00069	< 0.00068	< 0.00071	< 0.00071	< 0.00069	< 0.00071	< 0.00072	< 0.0007
Chloroethane	-	-	-	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0016	< 0.0015
Chloroform (Trichloromethane)	-	-	-	< 0.00024	< 0.00025	< 0.00024	< 0.00024	< 0.00025	< 0.00025	< 0.00024	< 0.00025	< 0.00025	< 0.00024
Chloromethane (Methyl Chloride)	-	-	-	< 0.0003	< 0.00032	< 0.00031	< 0.0003	< 0.00031	< 0.00031	< 0.0003	< 0.00031	< 0.00032	< 0.00031
cis-1,2-Dichloroethene	4.9	84	-	< 0.00028	< 0.00029	< 0.00028	< 0.00028	< 0.00029	< 0.00029	< 0.00028	< 0.00029	< 0.00029	**0.00032 J**
cis-1,3-Dichloropropene	-	-	-	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00026	< 0.00026	< 0.00026
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00062	< 0.00065	< 0.00063	< 0.00062	< 0.00065	< 0.00065	< 0.00063	< 0.00065	< 0.00065	< 0.00064
Dibromochloromethane	-	-	-	< 0.00057	< 0.00059	< 0.00057	< 0.00056	< 0.00059	< 0.00059	< 0.00057	< 0.00059	< 0.00059	< 0.00058
Dibromomethane	-	-	-	< 0.00077	< 0.0008	< 0.00078	< 0.00077	< 0.0008	< 0.0008	< 0.00077	< 0.0008	< 0.00081	< 0.00079
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.00044	< 0.00046	< 0.00045	< 0.00044	< 0.00046	< 0.00046	< 0.00044	< 0.00046	< 0.00046	< 0.00045
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.00015	< 0.00016	< 0.00015	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00016	< 0.00016	< 0.00015
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.00054	< 0.00057	< 0.00055	< 0.00054	< 0.00057	< 0.00057	< 0.00055	< 0.00056	< 0.00057	< 0.00055
m,p-Xylenes	6	-	-	< 0.00027	< 0.00028	< 0.00027	< 0.00026	< 0.00028	< 0.00028	< 0.00027	< 0.00028	< 0.00028	< 0.00027
Methyl Tert Butyl Ether	-	-	-	< 0.00029	< 0.00031	< 0.0003	< 0.00029	< 0.00031	< 0.00031	< 0.00029	< 0.0003	< 0.00031	< 0.0003
Methylene chloride	0.019	26	-	< 0.0013	< 0.0014	< 0.0013	< 0.0013	< 0.0014	< 0.0014	< 0.0013	< 0.0014	< 0.0014	< 0.0014
Naphthalene	-	6.5	-	< 0.00081	< 0.00084	< 0.00082	< 0.0008	< 0.00084	< 0.00084	< 0.00081	< 0.00084	< 0.00085	< 0.00083
n-Butylbenzene	-	-	-	< 0.00016	< 0.00016	< 0.00016	< 0.00015	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-09	B29-10	B29-10	B29-11	B29-11	B29-12	B29-12	B29-13	B29-13	B29-14
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-09-5	B29-10-1	B29-10-5	B29-11-1	B29-11-5	B29-12-1	B29-12-5	B29-13-4	B29-13-5	B29-14-1.5
Sample Date				6/29/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/29/2016
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	3.5 - 4 (ft)	4.5 - 5 (ft)	1 - 1.5 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.0005	< 0.00052	< 0.0005	< 0.0005	< 0.00052	< 0.00052	< 0.0005	< 0.00052	< 0.00052	< 0.00051
o-Xylene	6	-	-	< 0.00055	< 0.00058	< 0.00056	< 0.00055	< 0.00058	< 0.00058	< 0.00056	< 0.00057	< 0.00058	< 0.00056
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.0006	< 0.00063	< 0.00061	< 0.0006	< 0.00063	< 0.00063	< 0.0006	< 0.00062	< 0.00063	< 0.00061
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00015	< 0.00016	< 0.00015	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00016	< 0.00016	< 0.00015
Tetrachloroethene	2.1	2.7	-	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.00022	< 0.00022	< 0.00021
Toluene	0.44	5,300	-	< 0.00051	< 0.00053	< 0.00052	< 0.00051	< 0.00053	< 0.00053	< 0.00051	< 0.00053	< 0.00054	< 0.00052
trans-1,2-Dichloroethene	0.17	600	-	< 0.0005	< 0.00052	< 0.00051	< 0.0005	< 0.00052	< 0.00052	< 0.0005	< 0.00052	< 0.00053	< 0.00051
trans-1,3-Dichloropropene	-	-	-	< 0.0006	< 0.00063	< 0.00061	< 0.0006	< 0.00063	< 0.00063	< 0.0006	< 0.00062	< 0.00063	< 0.00061
Trichloroethene	27	6[3]	2,040	< 0.0003	< 0.00031	< 0.0003	< 0.0003	< 0.00031	< 0.00031	< 0.0003	< 0.00031	< 0.00031	**0.0042 J**
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.00037	< 0.00039	< 0.00038	< 0.00037	< 0.00039	< 0.00039	< 0.00037	< 0.00039	< 0.00039	< 0.00038
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.00035	< 0.00037	< 0.00035	< 0.00035	< 0.00036	< 0.00036	< 0.00035	< 0.00036	< 0.00037	< 0.00036
Vinyl acetate	-	-	-	< 0.0047	< 0.0049	< 0.0048	< 0.0047	< 0.0049	< 0.0049	< 0.0047	< 0.0049	< 0.0049	< 0.0048
Vinyl chloride	13	0.15	-	< 0.0005	< 0.00052	< 0.00051	< 0.0005	< 0.00052	< 0.00052	< 0.0005	< 0.00052	< 0.00052	< 0.00051
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-14	B29-15	B29-15	B29-16	B29-16	B29-17	B29-17	B29-18	B29-18	B29-19
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-14-3	B29-15-1	B29-15-3	B29-16-1	B29-16-3	B29-17-1	B29-17-3	B29-18-1.5	B29-18-3	B29-19-2
Sample Date				6/29/2016	6/29/2016	6/29/2016	6/28/2016	6/28/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1 - 1.5 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	**0.294 J**	< 0.148	< 0.146	< 0.152	< 0.144	< 0.148	< 0.147	< 0.143	**0.221 J**	**0.352 J**
Arsenic	24.3	0.36/8[2]	500	**2.31**	**5.18**	**2.39**	**2.73**	**1.25**	**2.96**	**2.58**	**1.5**	**1.56**	**2.09**
Barium	43000	-	10,000	**34.4**	**18.4**	**43.9**	**56**	**36.8**	**55.1**	**43.5**	**32.6**	**35.8**	**26.8**
Beryllium	-	6,900	75	**0.564**	< 0.136	**0.523**	**0.253 J**	**0.161 J**	**0.242 J**	**0.627**	**0.273**	**0.501**	**0.6**
Cadmium	970	4,000	100	**0.285 J**	**0.356 J**	**0.263 J**	**0.3 J**	**0.172 J**	**0.275 J**	**0.336 J**	**0.215 J**	**0.239 J**	**0.283 J**
Chromium	660	-	2,500	**16**	**5.92**	**15.9**	**11.4**	**7.17**	**10.2**	**15.3**	**9.26**	**12.6**	**14.2**
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	**6.94**	**18**	**8.14**	**5.79**	**3.94**	**5.02**	**9.08**	**6.41**	**8.37**	**6.4**
Copper	5600	-	2,500	**5.78**	**9.26**	**42.1**	**4.62**	**4.76**	**5.37**	**5.74**	**6.02**	**5.38**	**5.43**
Lead	232	320	1,000	**5.48**	**1.87**	**4.84**	**2.53**	**1.98**	**5.65**	**5.95**	**6.95**	**5.78**	**5.29**
Mercury	2.1	4.4	20	**0.00897 J**	**0.00562 J**	**0.0161 J**	< 0.00597	< 0.00597	**0.00586 J**	**0.0177 J**	**0.0168 J**	**0.02 J**	**0.0233 J**
Molybdenum	-	-	3,500	< 0.13	< 0.131	< 0.129	< 0.135	< 0.128	< 0.131	< 0.13	< 0.127	< 0.128	< 0.131
Nickel	3400	64,000	2,000	**8.93**	**3.02**	**9.46**	**4.54**	**2.94**	**4.03**	**9.63**	**7.75**	**7.58**	**8.09**
Selenium	-	-	100	< 0.295	**0.885**	< 0.294	< 0.306	< 0.289	< 0.298	**0.389 J**	< 0.288	< 0.291	< 0.297
Silver	-	-	500	< 0.0844	**0.414**	< 0.084	< 0.0875	< 0.0828	< 0.0853	< 0.0844	< 0.0824	< 0.0832	< 0.0849
Thallium	-	-	700	< 0.149	**0.285 J**	**0.358 J**	**0.243 J**	< 0.147	< 0.151	**0.39 J**	< 0.146	**0.21 J**	< 0.15
Vanadium	-	-	2,400	**37.5**	**21.9**	**40.9**	**37.8**	**25.9**	**33.7**	**36.4**	**24.5**	**34.4**	**35.8**
Zinc	-	-	5,000	**29**	**36.5**	**34.5**	**29.3**	**14.2**	**27.7**	**27.3**	**17.8**	**23.6**	**28.6**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.042	< 0.042	< 0.043	< 0.042	< 0.043	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.037	< 0.037	< 0.037	< 0.037	< 0.038	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.031	< 0.032	< 0.032	< 0.031	< 0.032
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.03	< 0.03	< 0.031	< 0.03	< 0.031	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Aroclor-1262 (PCB-1262)	-	-	-	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.034	< 0.035	< 0.035	< 0.034	< 0.035
Aroclor-1268 (PCB-1268)	-	-	-	< 0.033	< 0.033	< 0.034	< 0.033	< 0.034	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Total PCBs	130	0.58	50	< 0.042	< 0.042	< 0.043	< 0.042	< 0.043	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	< 0.0024	-	< 0.0024
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	< 0.0022	-	< 0.0022
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	< 0.0022	-	< 0.0022
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	< 0.0022	-	< 0.0022
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	< 0.0037	-	< 0.0037
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	< 0.0025	-	< 0.0025
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	< 0.026	-	< 0.026
delta-BHC	-	-	-	-	-	-	-	-	-	-	< 0.0044	-	< 0.0044
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	< 0.0022	-	< 0.0022
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	< 0.002	-	< 0.002

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-14	B29-15	B29-15	B29-16	B29-16	B29-17	B29-17	B29-18	B29-18	B29-19
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-14-3	B29-15-1	B29-15-3	B29-16-1	B29-16-3	B29-17-1	B29-17-3	B29-18-1.5	B29-18-3	B29-19-2
Sample Date				6/29/2016	6/29/2016	6/29/2016	6/28/2016	6/28/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1 - 1.5 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	< 0.0024	-	< 0.0023
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	< 0.0026	-	< 0.0026
Endrin	-	160	0.2	-	-	-	-	-	-	-	< 0.0024	-	< 0.0023
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	< 0.003	-	< 0.003
Endrin ketone	-	-	-	-	-	-	-	-	-	-	< 0.0025	-	< 0.0025
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	< 0.0022	-	< 0.0022
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	< 0.0022	-	< 0.0022
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	< 0.0037	-	< 0.0037
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	< 0.0027	-	< 0.0027
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	< 0.045	-	< 0.045
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-14	B29-15	B29-15	B29-16	B29-16	B29-17	B29-17	B29-18	B29-18	B29-19
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-14-3	B29-15-1	B29-15-3	B29-16-1	B29-16-3	B29-17-1	B29-17-3	B29-18-1.5	B29-18-3	B29-19-2
Sample Date				6/29/2016	6/29/2016	6/29/2016	6/28/2016	6/28/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1 - 1.5 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	< 0.004	< 0.004	-	-	-	-	< 0.004	-	-
Acenaphthylene	-	-	-	-	< 0.0041	< 0.0042	-	-	-	-	< 0.0042	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	< 0.002	< 0.002	-	-	-	-	< 0.002	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	< 0.0024	< 0.0025	-	-	-	-	< 0.0025	-	-
Benzo(a)pyrene	14	1.3	-	-	< 0.002	< 0.002	-	-	-	-	**0.015**	-	-
Benzo(b)fluoranthene	-	13	-	-	< 0.0021	< 0.0021	-	-	-	-	**0.015**	-	-
Benzo(g,h,i)perylene	-	-	-	-	< 0.0018	< 0.0018	-	-	-	-	**0.018**	-	-
Benzo(k)fluoranthene	-	210,000	-	-	< 0.0017	< 0.0017	-	-	-	-	**0.031**	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	< 0.002	< 0.0021	-	-	-	-	< 0.0021	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	< 0.0029	< 0.0029	-	-	-	-	**0.19**	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	< 0.0021	< 0.0021	-	-	-	-	< 0.0021	-	-
Fluorene	-	17,000	-	-	< 0.0017	< 0.0017	-	-	-	-	< 0.0017	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	< 0.0022	< 0.0022	-	-	-	-	**0.33**	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	< 0.004	< 0.004	-	-	-	-	< 0.004	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	**0.0022 J**	< 0.0021	-	-	-	-	< 0.0021	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	< 0.0029	< 0.0029	-	-	-	-	**0.0037 J**	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	B29-14	B29-15	B29-15	B29-16	B29-16	B29-17	B29-17	B29-18	B29-18	B29-19
Sample Name	(mg/kg)	(mg/kg)	(mg/kg)	B29-14-3	B29-15-1	B29-15-3	B29-16-1	B29-16-3	B29-17-1	B29-17-3	B29-18-1.5	B29-18-3	B29-19-2
Sample Date				6/29/2016	6/29/2016	6/29/2016	6/28/2016	6/28/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1 - 1.5 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C7)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C8)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	**1.8 J**	**1.5 J**	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	**2.6 J**	**1.6 J**	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	< 1.2	**2.8 J**	< 1.2	**1.4 J**	**3.1 J**	**2.2 J**	< 1.3	< 13	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	< 1.2	**3 J**	< 1.2	**2.8 J**	**5.5**	**4.2 J**	< 1.3	**21 J**	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	< 1.2	**4.2 J**	< 1.2	**4.1 J**	**8.8**	**10**	< 1.3	**150**	**2.2 J**	**3.2 J**
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	**12**	**4.9 J**	< 1.3	**150**	**2.4 J**	**2 J**
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	**44 J**	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	**39 J**	< 1.3	< 1.2
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	< 1.3	**10**	< 1.3	**8.3**	**34**	**25**	< 1.3	**400**	**4.5 J**	**5.3**
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Diesel C9-C16 (calculated)	5,400	97	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.3	< 1.2	< 1.3	< 13	< 1.3	< 1.2
Oil C17-C32 (calculated)	7,300	2,400	-	< 1.2	**10**	< 1.2	**8.3**	**21.8**	**19.5**	< 1.3	**171**	**2.2**	**3.2**
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.00023	< 0.00024	< 0.00024	< 0.00025	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
1,1,1-Trichloroethane	1.7	7,200	-	< 0.00022	< 0.00022	< 0.00022	< 0.00023	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00022	< 0.00023
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00033	< 0.00034	< 0.00034	< 0.00036	< 0.00034	< 0.00035	< 0.00035	< 0.00034	< 0.00034	< 0.00035
1,1,2-Trichloroethane	0.04	-	-	< 0.00034	< 0.00035	< 0.00035	< 0.00036	< 0.00035	< 0.00036	< 0.00036	< 0.00035	< 0.00035	< 0.00036
1,1-Dichloroethane	0.56	16	-	< 0.0002	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
1,1-Dichloroethene	0.071	350	-	< 0.00033	< 0.00034	< 0.00034	< 0.00036	< 0.00034	< 0.00035	< 0.00035	< 0.00034	< 0.00034	< 0.00035
1,1-Dichloropropene	-	-	-	< 0.00031	< 0.00032	< 0.00033	< 0.00034	< 0.00032	< 0.00033	< 0.00033	< 0.00032	< 0.00032	< 0.00033
1,2,3-Trichlorobenzene	-	300	-	< 0.00087	< 0.0009	< 0.00091	< 0.00094	< 0.0009	< 0.00092	< 0.00093	< 0.0009	< 0.0009	< 0.00093
1,2,3-Trichloropropane	-	0.021	-	< 0.00079	< 0.00082	< 0.00083	< 0.00086	< 0.00081	< 0.00083	< 0.00084	< 0.00081	< 0.00082	< 0.00084
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.0003	< 0.00031	< 0.00031	< 0.00032	< 0.0003	< 0.00031	< 0.00032	< 0.0003	< 0.00031	< 0.00032
1,2,4-Trimethylbenzene	-	-	-	< 0.00056	< 0.00058	< 0.00058	< 0.0006	< 0.00057	< 0.00059	< 0.0006	< 0.00057	< 0.00058	< 0.0006
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0017	< 0.0017	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0018	< 0.0017	< 0.0017	< 0.0018
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.00024	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00025	< 0.00026
1,2-Dichlorobenzene	28	-	-	< 0.00022	< 0.00023	< 0.00023	< 0.00024	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00023
1,2-Dichloroethane	0.0028	-	-	< 0.0003	< 0.00031	< 0.00031	< 0.00032	< 0.00031	< 0.00032	< 0.00032	< 0.00031	< 0.00031	< 0.00032
1,2-Dichloropropane	-	-	-	< 0.00042	< 0.00043	< 0.00044	< 0.00045	< 0.00043	< 0.00044	< 0.00045	< 0.00043	< 0.00043	< 0.00045

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-14	B29-15	B29-15	B29-16	B29-16	B29-17	B29-17	B29-18	B29-18	B29-19
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-14-3	B29-15-1	B29-15-3	B29-16-1	B29-16-3	B29-17-1	B29-17-3	B29-18-1.5	B29-18-3	B29-19-2
Sample Date				6/29/2016	6/29/2016	6/29/2016	6/28/2016	6/28/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1 - 1.5 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00052	< 0.00054	< 0.00055	< 0.00057	< 0.00054	< 0.00055	< 0.00056	< 0.00054	< 0.00054	< 0.00056
1,3-Dichlorobenzene	-	-	-	< 0.00017	< 0.00017	< 0.00018	< 0.00018	< 0.00017	< 0.00018	< 0.00018	< 0.00017	< 0.00017	< 0.00018
1,3-Dichloropropane	-	2,200	-	< 0.00024	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00025	< 0.00026
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00021	< 0.00022	< 0.00022	< 0.00023	< 0.00022	< 0.00022	< 0.00023	< 0.00022	< 0.00022	< 0.00023
2,2-Dichloropropane	-	-	-	< 0.00032	< 0.00033	< 0.00033	< 0.00034	< 0.00032	< 0.00033	< 0.00034	< 0.00032	< 0.00033	< 0.00034
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.0036	< 0.0037	< 0.0038	< 0.0039	< 0.0037	< 0.0038	< 0.0038	< 0.0037	< 0.0037	< 0.0038
2-Chlorotoluene	-	2,500	-	< 0.00022	< 0.00023	< 0.00023	< 0.00024	< 0.00023	< 0.00023	< 0.00024	< 0.00023	< 0.00023	< 0.00024
2-Hexanone	-	-	-	< 0.0017	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0017	< 0.0018
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00055	< 0.00057	< 0.00058	< 0.0006	< 0.00057	< 0.00058	< 0.00059	< 0.00057	< 0.00057	< 0.00059
4-Chlorotoluene	-	2,300	-	< 0.0002	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00022
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.0041	< 0.0043	< 0.0043	< 0.0045	< 0.0042	< 0.0043	< 0.0044	< 0.0042	< 0.0043	< 0.0044
Acetone	-	-	-	< 0.006	**0.01 J**	< 0.0062	< 0.0064	< 0.0061	< 0.0063	**0.0069 J**	< 0.0061	< 0.0062	< 0.0063
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.00012	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Bromobenzene	-	-	-	< 0.0002	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Bromodichloromethane	-	1.3	-	< 0.00022	< 0.00023	< 0.00023	< 0.00024	< 0.00023	< 0.00023	< 0.00024	< 0.00023	< 0.00023	< 0.00024
Bromoform	-	86	-	< 0.00076	< 0.00078	< 0.00079	< 0.00082	< 0.00078	< 0.0008	< 0.00081	< 0.00078	< 0.00078	< 0.00081
Bromomethane (Methyl Bromide)	-	-	-	< 0.009	< 0.0093	< 0.0094	< 0.0097	< 0.0092	< 0.0095	< 0.0096	< 0.0092	< 0.0093	< 0.0096
Carbon disulfide	-	-	-	< 0.00029	< 0.0003	< 0.0003	< 0.00032	< 0.0003	< 0.00031	< 0.00031	< 0.0003	< 0.0003	< 0.00031
Carbon tetrachloride	-	2.9	-	< 0.00027	< 0.00028	< 0.00028	< 0.00029	< 0.00028	< 0.00028	< 0.00029	< 0.00028	< 0.00028	< 0.00029
Chlorobenzene	2	-	-	< 0.00021	< 0.00022	< 0.00022	< 0.00023	< 0.00022	< 0.00022	< 0.00023	< 0.00022	< 0.00022	< 0.00023
Chlorobromomethane	-	4.1	-	< 0.00066	< 0.00068	< 0.00069	< 0.00071	< 0.00068	< 0.00069	< 0.0007	< 0.00068	< 0.00068	< 0.0007
Chloroethane	-	-	-	< 0.0014	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Chloroform (Trichloromethane)	-	-	-	< 0.00023	< 0.00024	< 0.00024	< 0.00025	< 0.00023	< 0.00024	< 0.00024	< 0.00023	< 0.00024	< 0.00024
Chloromethane (Methyl Chloride)	-	-	-	< 0.00029	< 0.0003	< 0.0003	< 0.00031	< 0.0003	< 0.00031	< 0.00031	< 0.0003	< 0.0003	< 0.00031
cis-1,2-Dichloroethene	4.9	84	-	**0.00047 J**	< 0.00028	< 0.00028	< 0.00029	< 0.00027	< 0.00028	< 0.00028	< 0.00027	< 0.00028	< 0.00028
cis-1,3-Dichloropropene	-	-	-	< 0.00024	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00025	< 0.00026
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.0006	< 0.00062	< 0.00063	< 0.00065	< 0.00062	< 0.00063	< 0.00064	< 0.00062	< 0.00062	< 0.00064
Dibromochloromethane	-	-	-	< 0.00055	< 0.00056	< 0.00057	< 0.00059	< 0.00056	< 0.00057	< 0.00058	< 0.00056	< 0.00056	< 0.00058
Dibromomethane	-	-	-	< 0.00074	< 0.00077	< 0.00077	< 0.0008	< 0.00076	< 0.00078	< 0.00079	< 0.00076	< 0.00077	< 0.00079
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.00042	< 0.00044	< 0.00044	< 0.00046	< 0.00043	< 0.00045	< 0.00045	< 0.00043	< 0.00044	< 0.00045
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.00014	< 0.00015	< 0.00015	< 0.00016	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.00052	< 0.00054	< 0.00054	< 0.00056	< 0.00054	< 0.00055	< 0.00056	< 0.00054	< 0.00054	< 0.00056
m,p-Xylenes	6	-	-	< 0.00026	< 0.00026	< 0.00027	< 0.00028	< 0.00026	< 0.00027	< 0.00027	< 0.00026	< 0.00026	< 0.00027
Methyl Tert Butyl Ether	-	-	-	< 0.00028	< 0.00029	< 0.00029	< 0.0003	< 0.00029	< 0.0003	< 0.0003	< 0.00029	< 0.00029	< 0.0003
Methylene chloride	0.019	26	-	< 0.0013	< 0.0013	< 0.0013	< 0.0014	< 0.0013	< 0.0013	< 0.0014	< 0.0013	< 0.0013	< 0.0014
Naphthalene	-	6.5	-	< 0.00078	< 0.0008	< 0.00081	< 0.00084	< 0.0008	< 0.00082	< 0.00083	< 0.0008	< 0.0008	< 0.00083
n-Butylbenzene	-	-	-	< 0.00015	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00015	< 0.00016

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-14	B29-15	B29-15	B29-16	B29-16	B29-17	B29-17	B29-18	B29-18	B29-19
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-14-3	B29-15-1	B29-15-3	B29-16-1	B29-16-3	B29-17-1	B29-17-3	B29-18-1.5	B29-18-3	B29-19-2
Sample Date				6/29/2016	6/29/2016	6/29/2016	6/28/2016	6/28/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016	6/29/2016
Sample Depth				2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1 - 1.5 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.00048	< 0.0005	< 0.0005	< 0.00052	< 0.00049	< 0.0005	< 0.00051	< 0.00049	< 0.0005	< 0.00051
o-Xylene	6	-	-	< 0.00053	< 0.00055	< 0.00055	< 0.00057	< 0.00055	< 0.00056	< 0.00057	< 0.00055	< 0.00055	< 0.00057
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00058	< 0.0006	< 0.0006	< 0.00062	< 0.00059	< 0.00061	< 0.00061	< 0.00059	< 0.0006	< 0.00061
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00014	< 0.00015	< 0.00015	< 0.00016	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Tetrachloroethene	2.1	2.7	-	< 0.0002	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Toluene	0.44	5,300	-	< 0.00049	< 0.00051	< 0.00051	< 0.00053	< 0.00051	< 0.00052	< 0.00052	< 0.00051	< 0.00051	< 0.00052
trans-1,2-Dichloroethene	0.17	600	-	< 0.00048	< 0.0005	< 0.0005	< 0.00052	< 0.0005	< 0.00051	< 0.00051	< 0.0005	< 0.0005	< 0.00051
trans-1,3-Dichloropropene	-	-	-	< 0.00058	< 0.0006	< 0.0006	< 0.00062	< 0.00059	< 0.00061	< 0.00062	< 0.00059	< 0.0006	< 0.00062
Trichloroethene	27	6[3]	2,040	**0.002 J**	< 0.0003	**0.0018 J**	< 0.00031	< 0.00029	< 0.0003	< 0.00031	< 0.00029	< 0.0003	< 0.00031
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.00036	< 0.00037	< 0.00037	< 0.00039	< 0.00037	< 0.00038	< 0.00038	< 0.00037	< 0.00037	< 0.00038
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.00034	< 0.00035	< 0.00035	< 0.00036	< 0.00035	< 0.00035	< 0.00036	< 0.00035	< 0.00035	< 0.00036
Vinyl acetate	-	-	-	< 0.0045	< 0.0047	< 0.0047	< 0.0049	< 0.0047	< 0.0048	< 0.0048	< 0.0047	< 0.0047	< 0.0048
Vinyl chloride	13	0.15	-	< 0.00048	< 0.0005	< 0.0005	< 0.00052	< 0.00049	< 0.00051	< 0.00051	< 0.00049	< 0.0005	< 0.00051
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-19	B29-20	B29-20	B29-21	B29-22	B29-22	B29-23	B29-23	B29-24	B29-24
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-19-5	B29-20-1	B29-20-2	B29-21-1	B29-22-010	B29-22-050	B29-23-010	B29-23-050	B29-24-010	B29-24-050
Sample Date				6/29/2016	6/27/2016	6/27/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/14/2020	1/14/2020
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 0.148	< 0.155	< 0.143	< 0.148	-	-	-	-	-	-
Arsenic	24.3	0.36/8[2]	500	**1.49**	**1.41**	**1.61**	**7.59**	-	-	-	-	-	-
Barium	43000	-	10,000	**52.7**	**77.4**	**38.8**	**40.7**	-	-	-	-	-	-
Beryllium	-	6,900	75	**0.358**	**0.211 J**	**0.241**	**0.152 J**	-	-	-	-	-	-
Cadmium	970	4,000	100	**0.163 J**	**0.406 J**	**0.158 J**	**0.424 J**	-	-	-	-	-	-
Chromium	660	-	2,500	**9.39**	**8.11**	**7.29**	**9.37**	-	-	-	-	-	-
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	**5.38**	**4.37**	**4.48**	**6.2**	-	-	-	-	-	-
Copper	5600	-	2,500	**4.57**	**7.17**	**4.2**	**12.8**	-	-	-	-	-	-
Lead	232	320	1,000	**3.54**	**41**	**5.14**	**2.02**	-	-	-	-	-	-
Mercury	2.1	4.4	20	**0.0108 J**	**0.0359 J**	< 0.00559	**0.00898 J**	-	-	-	-	-	-
Molybdenum	-	-	3,500	< 0.131	< 0.137	< 0.126	**0.271**	-	-	-	-	-	-
Nickel	3400	64,000	2,000	**5.63**	**3.61**	**4.37**	**3.41**	-	-	-	-	-	-
Selenium	-	-	100	< 0.298	< 0.312	< 0.287	**1.14**	-	-	-	-	-	-
Silver	-	-	500	< 0.0853	< 0.0893	< 0.082	**0.114 J**	-	-	-	-	-	-
Thallium	-	-	700	< 0.151	**0.197 J**	< 0.145	< 0.151	-	-	-	-	-	-
Vanadium	-	-	2,400	**26**	**20.8**	**22.8**	**27.8**	-	-	-	-	-	-
Zinc	-	-	5,000	**18.5**	**255**	**29.6**	**41.3**	-	-	-	-	-	-
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.021	< 0.021	< 0.021	< 0.021	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.042	< 0.042	< 0.042	< 0.043	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.025	< 0.025	< 0.025	< 0.025	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.037	< 0.037	< 0.037	< 0.037	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.03	< 0.03	< 0.03	< 0.031	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	< 0.035	< 0.035	< 0.035	< 0.035	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	< 0.033	< 0.033	< 0.033	< 0.034	-	-	-	-	-	-
Total PCBs	130	0.58	50	< 0.042	< 0.042	< 0.042	< 0.043	-	-	-	-	-	-
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	< 0.0024	-	< 0.0024	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	< 0.0037	-	< 0.0037	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	< 0.0025	-	< 0.0025	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	< 0.026	-	< 0.026	-	-	-	-	-	-
delta-BHC	-	-	-	-	< 0.0044	-	< 0.0044	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	< 0.002	-	< 0.002	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-19	B29-20	B29-20	B29-21	B29-22	B29-22	B29-23	B29-23	B29-24	B29-24
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-19-5	B29-20-1	B29-20-2	B29-21-1	B29-22-010	B29-22-050	B29-23-010	B29-23-050	B29-24-010	B29-24-050
Sample Date				6/29/2016	6/27/2016	6/27/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/14/2020	1/14/2020
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	< 0.0023	-	< 0.0024	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	< 0.0026	-	< 0.0026	-	-	-	-	-	-
Endrin	-	160	0.2	-	< 0.0023	-	< 0.0024	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	< 0.003	-	< 0.003	-	-	-	-	-	-
Endrin ketone	-	-	-	-	< 0.0025	-	< 0.0025	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	< 0.0037	-	< 0.0037	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	< 0.0027	-	< 0.0027	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	< 0.045	-	< 0.045	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-19	B29-20	B29-20	B29-21	B29-22	B29-22	B29-23	B29-23	B29-24	B29-24
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-19-5	B29-20-1	B29-20-2	B29-21-1	B29-22-010	B29-22-050	B29-23-010	B29-23-050	B29-24-010	B29-24-050
Sample Date				6/29/2016	6/27/2016	6/27/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/14/2020	1/14/2020
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	-	-	-	-	-	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	14	1.3	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	13	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	17,000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	-	-	-	-	-	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	-	-	-	-	-	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-19	B29-20	B29-20	B29-21	B29-22	B29-22	B29-23	B29-23	B29-24	B29-24
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-19-5	B29-20-1	B29-20-2	B29-21-1	B29-22-010	B29-22-050	B29-23-010	B29-23-050	B29-24-010	B29-24-050
Sample Date				6/29/2016	6/27/2016	6/27/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/14/2020	1/14/2020
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C7)	-	-	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C8)	-	-	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	< 1.3	< 1.3	< 12	**1.9 J**	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	< 1.3	< 1.3	< 12	**9**	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	< 1.3	< 1.3	< 12	**6.2**	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	< 1.3	< 1.3	**20 J**	**21**	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	**2.5 J**	**2.4 J**	**50**	**24**	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	**3.2 J**	**6.5**	**140**	**27**	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	**1.8 J**	**8.1**	**180**	**28**	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	< 1.3	**7.6**	**260**	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	< 1.3	**2.1 J**	**88**	< 1.2	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	**7.5**	**27**	**740**	**120**	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Diesel C9-C16 (calculated)	5,400	97	-	< 1.3	< 1.3	< 12	< 1.2	-	-	-	-	-	-
Oil C17-C32 (calculated)	7,300	2,400	-	**5.7**	**8.9**	**210**	**89.1**	-	-	-	-	-	-
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.00025	< 0.00023	< 0.00024	< 0.00024	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,1,1-Trichloroethane	1.7	7,200	-	< 0.00023	< 0.00022	< 0.00022	< 0.00023	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00036	< 0.00033	< 0.00034	< 0.00035	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
1,1,2-Trichloroethane	0.04	-	-	< 0.00037	< 0.00034	< 0.00035	< 0.00036	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883
1,1-Dichloroethane	0.56	16	-	< 0.00022	< 0.0002	< 0.00021	< 0.00021	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575
1,1-Dichloroethene	0.071	350	-	< 0.00036	< 0.00033	< 0.00034	< 0.00035	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,1-Dichloropropene	-	-	-	< 0.00034	< 0.00032	< 0.00032	< 0.00033	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007
1,2,3-Trichlorobenzene	-	300	-	< 0.00095	< 0.00088	< 0.0009	< 0.00092	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625
1,2,3-Trichloropropane	-	0.021	-	< 0.00086	< 0.0008	< 0.00082	< 0.00083	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115
1,2,4-Trichlorobenzene	0.818	35	-	< 0.00032	< 0.0003	< 0.00031	< 0.00031	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482
1,2,4-Trimethylbenzene	-	-	-	< 0.00061	< 0.00057	< 0.00058	**0.0052**	< 0.00116	< 0.00116	< 0.00116	< 0.00116	**0.00117 J**	< 0.00116
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0018	< 0.0017	< 0.0017	< 0.0017	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.00026	< 0.00025	< 0.00025	< 0.00026	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525
1,2-Dichlorobenzene	28	-	-	< 0.00024	< 0.00022	< 0.00022	< 0.00023	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145
1,2-Dichloroethane	0.0028	-	-	< 0.00033	< 0.0003	< 0.00031	< 0.00032	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475
1,2-Dichloropropane	-	-	-	< 0.00045	< 0.00042	< 0.00043	< 0.00044	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-19	B29-20	B29-20	B29-21	B29-22	B29-22	B29-23	B29-23	B29-24	B29-24
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-19-5	B29-20-1	B29-20-2	B29-21-1	B29-22-010	B29-22-050	B29-23-010	B29-23-050	B29-24-010	B29-24-050
Sample Date				6/29/2016	6/27/2016	6/27/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/14/2020	1/14/2020
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00057	< 0.00053	< 0.00054	**0.0018 J**	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
1,3-Dichlorobenzene	-	-	-	< 0.00018	< 0.00017	< 0.00017	< 0.00018	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017
1,3-Dichloropropane	-	2,200	-	< 0.00026	< 0.00024	< 0.00025	< 0.00025	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00023	< 0.00021	< 0.00022	< 0.00022	< 0.00197	< 0.00197	< 0.0394	< 0.00197	< 0.00197	< 0.00197
2,2-Dichloropropane	-	-	-	< 0.00034	< 0.00032	< 0.00033	< 0.00033	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.0039	< 0.0036	< 0.0037	< 0.0038	**0.0339**	**0.0355**	**0.0308**	**0.0304**	**0.0197 J**	**0.0229 J**
2-Chlorotoluene	-	2,500	-	< 0.00024	< 0.00022	< 0.00023	< 0.00023	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092
2-Hexanone	-	-	-	< 0.0018	< 0.0017	< 0.0017	< 0.0018	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.0006	< 0.00056	< 0.00057	< 0.00058	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253
4-Chlorotoluene	-	2,300	-	< 0.00022	< 0.00021	< 0.00021	< 0.00021	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.0045	< 0.0042	< 0.0043	< 0.0043	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acetone	-	-	-	< 0.0065	< 0.006	< 0.0061	**0.015 J**	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137
Acrylonitrile	-	-	-	-	-	-	-	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bromobenzene	-	-	-	< 0.00022	< 0.0002	< 0.00021	< 0.00021	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105
Bromodichloromethane	-	1.3	-	< 0.00024	< 0.00022	< 0.00023	< 0.00023	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788
Bromoform	-	86	-	< 0.00082	< 0.00077	< 0.00078	< 0.0008	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598
Bromomethane (Methyl Bromide)	-	-	-	< 0.0098	< 0.0091	< 0.0093	< 0.0095	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Carbon disulfide	-	-	-	< 0.00032	< 0.0003	< 0.0003	< 0.00031	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	< 0.00029	< 0.00027	< 0.00028	< 0.00028	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
Chlorobenzene	2	-	-	< 0.00023	< 0.00022	< 0.00022	< 0.00022	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573
Chlorobromomethane	-	4.1	-	< 0.00072	< 0.00067	< 0.00068	< 0.00069	-	-	-	-	-	-
Chloroethane	-	-	-	< 0.0015	< 0.0014	< 0.0015	< 0.0015	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
Chloroform (Trichloromethane)	-	-	-	< 0.00025	< 0.00023	< 0.00024	< 0.00024	**0.00425**	< 0.000415	**0.0102**	< 0.000415	**0.019 J**	**0.00255 J**
Chloromethane (Methyl Chloride)	-	-	-	< 0.00032	< 0.00029	< 0.0003	< 0.00031	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139
cis-1,2-Dichloroethene	4.9	84	-	< 0.00029	< 0.00027	< 0.00028	< 0.00028	< 0.00069	< 0.00069	**0.00153 J**	< 0.00069	< 0.00069	< 0.00069
cis-1,3-Dichloropropene	-	-	-	< 0.00026	< 0.00025	< 0.00025	< 0.00026	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00065	< 0.00061	< 0.00062	**0.00066 J**	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233
Dibromochloromethane	-	-	-	< 0.00059	< 0.00055	< 0.00056	< 0.00057	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045
Dibromomethane	-	-	-	< 0.0008	< 0.00075	< 0.00076	< 0.00078	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.00046	< 0.00043	< 0.00044	< 0.00045	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Ethylbenzene	7.7	-	-	< 0.00016	< 0.00015	< 0.00015	< 0.00015	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053
Hexachlorobutadiene	-	5.3	-	-	-	-	-	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127
Isopropylbenzene (Cumene)	-	-	-	< 0.00057	< 0.00053	< 0.00054	< 0.00055	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863
m,p-Xylenes	6	-	-	< 0.00028	< 0.00026	< 0.00026	< 0.00027	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	-	-	< 0.00031	< 0.00029	< 0.00029	< 0.0003	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295
Methylene chloride	0.019	26	-	< 0.0014	< 0.0013	< 0.0013	< 0.0013	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664
Naphthalene	-	6.5	-	< 0.00084	< 0.00079	< 0.0008	< 0.00082	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312
n-Butylbenzene	-	-	-	< 0.00016	< 0.00015	< 0.00015	**0.00067 J**	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-19	B29-20	B29-20	B29-21	B29-22	B29-22	B29-23	B29-23	B29-24	B29-24
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-19-5	B29-20-1	B29-20-2	B29-21-1	B29-22-010	B29-22-050	B29-23-010	B29-23-050	B29-24-010	B29-24-050
Sample Date				6/29/2016	6/27/2016	6/27/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/14/2020	1/14/2020
Sample Depth				4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.00052	< 0.00048	< 0.00049	< 0.0005	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118
o-Xylene	6	-	-	< 0.00058	< 0.00054	< 0.00055	< 0.00056	-	-	-	-	-	-
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00063	< 0.00058	< 0.0006	< 0.00061	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00016	< 0.00015	< 0.00015	< 0.00015	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155
Tetrachloroethene	2.1	2.7	-	< 0.00022	< 0.0002	< 0.00021	**0.00054 J**	< 0.0007	< 0.0007	**0.00117 J**	< 0.0007	**0.00163 J**	< 0.0007
Toluene	0.44	5,300	-	< 0.00053	< 0.0005	< 0.00051	< 0.00052	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125
trans-1,2-Dichloroethene	0.17	600	-	< 0.00052	< 0.00049	< 0.0005	< 0.00051	< 0.00143	< 0.00143	**0.0018 J**	< 0.00143	< 0.00143	< 0.00143
trans-1,3-Dichloropropene	-	-	-	< 0.00063	< 0.00058	< 0.0006	< 0.00061	< 0.00153	< 0.00153	< 0.0306	< 0.00153	< 0.00153	< 0.00153
Trichloroethene	27	6[3]	2,040	< 0.00031	< 0.00029	< 0.0003	**0.00079 J**	**1.33**	**0.0474**	**37.8**	**0.0502**	**7.83**	**0.0925**
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.00039	< 0.00036	< 0.00037	< 0.00038	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.00037	< 0.00034	< 0.00035	< 0.00035	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675
Vinyl acetate	-	-	-	< 0.0049	< 0.0046	< 0.0047	< 0.0048	-	-	-	-	-	-
Vinyl chloride	13	0.15	-	< 0.00052	< 0.00049	< 0.0005	< 0.00051	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683
Xylene (total)	6	-	-	-	-	-	-	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-25	B29-25	B29-26	B29-26	B29-27	B29-27	B29-28	B29-28	B29-29	B29-29
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-25-010	B29-25-050	B29-26-10	B29-26-050	B29-27-010	B29-27-050	B29-28-010	B29-28-050	B29-29-010	B29-29-050
Sample Date				1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	-	-	-	-	-	-	-	-	-	-
Arsenic	24.3	0.36/8[2]	500	-	-	-	-	-	-	-	-	-	-
Barium	43000	-	10,000	-	-	-	-	-	-	-	-	-	-
Beryllium	-	6,900	75	-	-	-	-	-	-	-	-	-	-
Cadmium	970	4,000	100	-	-	-	-	-	-	-	-	-	-
Chromium	660	-	2,500	-	-	-	-	-	-	-	-	-	-
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	-	-	-	-	-	-	-	-	-	-
Copper	5600	-	2,500	-	-	-	-	-	-	-	-	-	-
Lead	232	320	1,000	-	-	-	-	-	-	-	-	-	-
Mercury	2.1	4.4	20	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	3,500	-	-	-	-	-	-	-	-	-	-
Nickel	3400	64,000	2,000	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	100	-	-	-	-	-	-	-	-	-	-
Silver	-	-	500	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	700	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	2,400	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	5,000	-	-	-	-	-	-	-	-	-	-
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	0.53	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	0.49	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	0.58	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	0.58	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	0.59	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	0.6	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	130	0.58	50	-	-	-	-	-	-	-	-	-	-
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-25	B29-25	B29-26	B29-26	B29-27	B29-27	B29-28	B29-28	B29-29	B29-29
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-25-010	B29-25-050	B29-26-10	B29-26-050	B29-27-010	B29-27-050	B29-28-010	B29-28-050	B29-29-010	B29-29-050
Sample Date				1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	160	0.2	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-25	B29-25	B29-26	B29-26	B29-27	B29-27	B29-28	B29-28	B29-29	B29-29
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-25-010	B29-25-050	B29-26-10	B29-26-050	B29-27-010	B29-27-050	B29-28-010	B29-28-050	B29-29-010	B29-29-050
Sample Date				1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	-	-	-	-	-	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	14	1.3	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	13	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	17,000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	-	-	-	-	-	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	-	-	-	-	-	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	B29-25	B29-25	B29-26	B29-26	B29-27	B29-27	B29-28	B29-28	B29-29	B29-29
Sample Name	(mg/kg)	(mg/kg)	(mg/kg)	B29-25-010	B29-25-050	B29-26-10	B29-26-050	B29-27-010	B29-27-050	B29-28-010	B29-28-050	B29-29-010	B29-29-050
Sample Date				1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C7)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C8)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	-	-	-	-	-	-	-	-	-	-
Diesel C9-C16 (calculated)	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Oil C17-C32 (calculated)	7,300	2,400	-	-	-	-	-	-	-	-	-	-	-
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.0005	< 0.000505	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,1,1-Trichloroethane	1.7	7,200	-	< 0.000275	< 0.000278	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00039	< 0.000394	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
1,1,2-Trichloroethane	0.04	-	-	< 0.000883	< 0.000892	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883
1,1-Dichloroethane	0.56	16	-	< 0.000575	< 0.000581	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575
1,1-Dichloroethene	0.071	350	-	< 0.0005	< 0.000505	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,1-Dichloropropene	-	-	-	< 0.0007	< 0.000707	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007
1,2,3-Trichlorobenzene	-	300	-	< 0.000625	< 0.000631	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625
1,2,3-Trichloropropane	-	0.021	-	< 0.0051	< 0.00515	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
1,2,3-Trimethylbenzene	-	-	-	< 0.00115	< 0.00116	**0.00125 J**	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115
1,2,4-Trichlorobenzene	0.818	35	-	< 0.00482	< 0.00487	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482
1,2,4-Trimethylbenzene	-	-	-	< 0.00116	< 0.00117	**0.00303 J**	< 0.00116	< 0.00116	< 0.00116	**0.00155 J**	< 0.00116	< 0.00116	< 0.00116
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0051	< 0.00515	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.000525	< 0.00053	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525
1,2-Dichlorobenzene	28	-	-	< 0.00145	< 0.00146	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145
1,2-Dichloroethane	0.0028	-	-	< 0.000475	< 0.00048	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475
1,2-Dichloropropane	-	-	-	< 0.00127	< 0.00128	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-25	B29-25	B29-26	B29-26	B29-27	B29-27	B29-28	B29-28	B29-29	B29-29
Sample Name				B29-25-010	B29-25-050	B29-26-10	B29-26-050	B29-27-010	B29-27-050	B29-28-010	B29-28-050	B29-29-010	B29-29-050
Sample Date				1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00108	< 0.00109	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
1,3-Dichlorobenzene	-	-	-	< 0.0017	< 0.00172	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017
1,3-Dichloropropane	-	2,200	-	< 0.00175	< 0.00177	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00197	< 0.00199	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197
2,2-Dichloropropane	-	-	-	< 0.000793	< 0.000801	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793
2-Butanone (Methyl Ethyl Ketone)	-	-	-	**0.037**	**0.0455**	**0.029**	**0.0235 J**	**0.0235 J**	**0.0267**	**0.0264**	**0.0227 J**	**0.0273**	**0.0303**
2-Chlorotoluene	-	2,500	-	< 0.00092	< 0.000929	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092
2-Hexanone	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00253	< 0.00256	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253
4-Chlorotoluene	-	2,300	-	< 0.00113	< 0.00114	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.01	< 0.0101	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acetone	-	-	-	< 0.0137	< 0.0138	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137
Acrylonitrile	-	-	-	< 0.0019	< 0.00192	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.0004	< 0.000404	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.0004 J**	< 0.0004	< 0.0004	< 0.0004
Bromobenzene	-	-	-	< 0.00105	< 0.00106	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105
Bromodichloromethane	-	1.3	-	< 0.000788	< 0.000796	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788
Bromoform	-	86	-	< 0.00598	< 0.00604	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598
Bromomethane (Methyl Bromide)	-	-	-	< 0.0037	< 0.00374	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	< 0.00108	< 0.00109	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
Chlorobenzene	2	-	-	< 0.000573	< 0.000579	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573
Chlorobromomethane	-	4.1	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	-	-	-	< 0.00108	< 0.00109	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
Chloroform (Trichloromethane)	-	-	-	< 0.000415	< 0.000419	**0.00333 J**	**0.00095 J**	**0.00193 J**	< 0.000415	**0.0155**	< 0.000415	< 0.000415	< 0.000415
Chloromethane (Methyl Chloride)	-	-	-	< 0.00139	< 0.0014	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139
cis-1,2-Dichloroethene	4.9	84	-	< 0.00069	< 0.000697	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
cis-1,3-Dichloropropene	-	-	-	< 0.000678	< 0.000685	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00233	< 0.00235	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233
Dibromochloromethane	-	-	-	< 0.00045	< 0.000455	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045
Dibromomethane	-	-	-	< 0.001	< 0.00101	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.000818	< 0.000826	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818
Diisopropyl ether (DIPE)	-	-	-	< 0.00035	< 0.000353	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Ethylbenzene	7.7	-	-	< 0.00053	< 0.000535	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053
Hexachlorobutadiene	-	5.3	-	< 0.0127	< 0.0128	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127
Isopropylbenzene (Cumene)	-	-	-	< 0.000863	< 0.000872	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863
m,p-Xylenes	6	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	-	-	< 0.000295	< 0.000298	< 0.000295	< 0.000295	< 0.000295	**0.000675 J**	< 0.000295	< 0.000295	< 0.000295	< 0.000295
Methylene chloride	0.019	26	-	< 0.00664	< 0.00671	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	**0.0104 J**
Naphthalene	-	6.5	-	< 0.00312	< 0.00315	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312
n-Butylbenzene	-	-	-	< 0.00384	< 0.00388	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-25	B29-25	B29-26	B29-26	B29-27	B29-27	B29-28	B29-28	B29-29	B29-29
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-25-010	B29-25-050	B29-26-10	B29-26-050	B29-27-010	B29-27-050	B29-28-010	B29-28-050	B29-29-010	B29-29-050
Sample Date				1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.00118	< 0.00119	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118
o-Xylene	6	-	-	-	-	-	-	-	-	-	-	-	-
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00273	< 0.00276	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00155	< 0.00157	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155
Tetrachloroethene	2.1	2.7	-	< 0.0007	< 0.000707	**0.0309**	< 0.0007	**0.0325**	< 0.0007	**1.26**	**0.00117 J**	**0.216**	**0.0115**
Toluene	0.44	5,300	-	< 0.00125	< 0.00126	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125
trans-1,2-Dichloroethene	0.17	600	-	< 0.00143	< 0.00144	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143
trans-1,3-Dichloropropene	-	-	-	< 0.00153	< 0.00155	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153
Trichloroethene	27	6[3]	2,040	< 0.0004	< 0.000404	**0.737**	**0.0186**	**0.275**	**0.00273**	**1.43**	**0.00228**	**0.0779**	**0.00313**
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.0005	< 0.000505	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.000675	< 0.000682	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	13	0.15	-	< 0.000683	< 0.00069	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683
Xylene (total)	6	-	-	< 0.00478	< 0.00483	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-30	B29-30	B29-31	B29-31	B29-32A	B29-32A	B29-32B	B29-32B	B29-32C	B29-32C
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-30-010	B29-30-050	B29-31-010	B29-31-050	B29-32A-010	B29-32A-050	B29-32B-010	B29-32B-050	B29-32C-010	B29-32C-050
Sample Date				1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	-	-	-	-	-	-	-	-	-	-
Arsenic	24.3	0.36/8[2]	500	-	-	-	-	-	-	-	-	-	-
Barium	43000	-	10,000	-	-	-	-	-	-	-	-	-	-
Beryllium	-	6,900	75	-	-	-	-	-	-	-	-	-	-
Cadmium	970	4,000	100	-	-	-	-	-	-	-	-	-	-
Chromium	660	-	2,500	-	-	-	-	-	-	-	-	-	-
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	-	-	-	-	-	-	-	-	-	-
Copper	5600	-	2,500	-	-	-	-	-	-	-	-	-	-
Lead	232	320	1,000	-	-	-	-	-	-	-	-	-	-
Mercury	2.1	4.4	20	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	3,500	-	-	-	-	-	-	-	-	-	-
Nickel	3400	64,000	2,000	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	100	-	-	-	-	-	-	-	-	-	-
Silver	-	-	500	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	700	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	2,400	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	5,000	-	-	-	-	-	-	-	-	-	-
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	-	-	-	-	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035
Aroclor-1221 (PCB-1221)	-	0.53	-	-	-	-	-	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537
Aroclor-1232 (PCB-1232)	-	0.49	-	-	-	-	-	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417
Aroclor-1242 (PCB-1242)	-	0.58	-	-	-	-	-	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318
Aroclor-1248 (PCB-1248)	-	0.58	-	-	-	-	-	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315
Aroclor-1254 (PCB-1254)	-	0.59	-	-	-	-	-	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472
Aroclor-1260 (PCB-1260)	-	0.6	-	-	-	-	-	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	130	0.58	50	-	-	-	-	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-30	B29-30	B29-31	B29-31	B29-32A	B29-32A	B29-32B	B29-32B	B29-32C	B29-32C
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-30-010	B29-30-050	B29-31-010	B29-31-050	B29-32A-010	B29-32A-050	B29-32B-010	B29-32B-050	B29-32C-010	B29-32C-050
Sample Date				1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	160	0.2	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-30	B29-30	B29-31	B29-31	B29-32A	B29-32A	B29-32B	B29-32B	B29-32C	B29-32C
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-30-010	B29-30-050	B29-31-010	B29-31-050	B29-32A-010	B29-32A-050	B29-32B-010	B29-32B-050	B29-32C-010	B29-32C-050
Sample Date				1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	-	-	-	-	-	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	14	1.3	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	13	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	17,000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	-	-	-	-	-	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	-	-	-	-	-	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-30	B29-30	B29-31	B29-31	B29-32A	B29-32A	B29-32B	B29-32B	B29-32C	B29-32C
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-30-010	B29-30-050	B29-31-010	B29-31-050	B29-32A-010	B29-32A-050	B29-32B-010	B29-32B-050	B29-32C-010	B29-32C-050
Sample Date				1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C7)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C8)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	-	-	-	-	-	-	-	-	-	-
Diesel C9-C16 (calculated)	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Oil C17-C32 (calculated)	7,300	2,400	-	-	-	-	-	-	-	-	-	-	-
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,1,1-Trichloroethane	1.7	7,200	-	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	**0.000525 J**	< 0.000275
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
1,1,2-Trichloroethane	0.04	-	-	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883
1,1-Dichloroethane	0.56	16	-	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575
1,1-Dichloroethene	0.071	350	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,1-Dichloropropene	-	-	-	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007
1,2,3-Trichlorobenzene	-	300	-	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625
1,2,3-Trichloropropane	-	0.021	-	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
1,2,3-Trimethylbenzene	-	-	-	**0.00124 J**	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115
1,2,4-Trichlorobenzene	0.818	35	-	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482
1,2,4-Trimethylbenzene	-	-	-	**0.00139 J**	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525
1,2-Dichlorobenzene	28	-	-	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145
1,2-Dichloroethane	0.0028	-	-	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475
1,2-Dichloropropane	-	-	-	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-30	B29-30	B29-31	B29-31	B29-32A	B29-32A	B29-32B	B29-32B	B29-32C	B29-32C
Sample Name				B29-30-010	B29-30-050	B29-31-010	B29-31-050	B29-32A-010	B29-32A-050	B29-32B-010	B29-32B-050	B29-32C-010	B29-32C-050
Sample Date				1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
1,3-Dichlorobenzene	-	-	-	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017
1,3-Dichloropropane	-	2,200	-	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197
2,2-Dichloropropane	-	-	-	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793
2-Butanone (Methyl Ethyl Ketone)	-	-	-	**0.0487**	**0.0481**	**0.0497**	**0.0391**	**0.0183 J**	**0.0193 J**	**0.016 J**	**0.0177 J**	< 0.0125	**0.0158 J**
2-Chlorotoluene	-	2,500	-	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092
2-Hexanone	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253
4-Chlorotoluene	-	2,300	-	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acetone	-	-	-	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137
Acrylonitrile	-	-	-	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.000725 J**	< 0.0004
Bromobenzene	-	-	-	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105
Bromodichloromethane	-	1.3	-	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788
Bromoform	-	86	-	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598
Bromomethane (Methyl Bromide)	-	-	-	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
Chlorobenzene	2	-	-	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573
Chlorobromomethane	-	4.1	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	-	-	-	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
Chloroform (Trichloromethane)	-	-	-	**0.000916 J**	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415
Chloromethane (Methyl Chloride)	-	-	-	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139
cis-1,2-Dichloroethene	4.9	84	-	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
cis-1,3-Dichloropropene	-	-	-	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233
Dibromochloromethane	-	-	-	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045
Dibromomethane	-	-	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818
Diisopropyl ether (DIPE)	-	-	-	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Ethylbenzene	7.7	-	-	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053
Hexachlorobutadiene	-	5.3	-	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127
Isopropylbenzene (Cumene)	-	-	-	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863
m,p-Xylenes	6	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	-	-	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295
Methylene chloride	0.019	26	-	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	**0.00953 J**	< 0.00664	< 0.00664	< 0.00664	**0.00913 J**
Naphthalene	-	6.5	-	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312
n-Butylbenzene	-	-	-	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-30	B29-30	B29-31	B29-31	B29-32A	B29-32A	B29-32B	B29-32B	B29-32C	B29-32C
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-30-010	B29-30-050	B29-31-010	B29-31-050	B29-32A-010	B29-32A-050	B29-32B-010	B29-32B-050	B29-32C-010	B29-32C-050
Sample Date				1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020	1/14/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118
o-Xylene	6	-	-	-	-	-	-	-	-	-	-	-	-
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155
Tetrachloroethene	2.1	2.7	-	< 0.0007	< 0.0007	< 0.0007	< 0.0007	**0.0117**	< 0.0007	**0.00818**	< 0.0007	**0.173**	**0.00268**
Toluene	0.44	5,300	-	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125
trans-1,2-Dichloroethene	0.17	600	-	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143
trans-1,3-Dichloropropene	-	-	-	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153
Trichloroethene	27	6[3]	2,040	**0.0229**	< 0.0004	**0.0011**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	13	0.15	-	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683
Xylene (total)	6	-	-	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-33A	B29-33A	B29-33B	B29-33B	B29-33C	B29-33C	B29-34A	B29-34A	B29-34B	B29-34B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-33A-010	B29-33A-050	B29-33B-010	B29-33B-050	B29-33C-010	B29-33C-050	B29-34A-010	B29-34A-050	B29-34B-010	B29-34B-050
Sample Date				1/8/2020	1/8/2020	1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	-	-	-	-	-	-	-	-	-	-
Arsenic	24.3	0.36/8[2]	500	-	-	-	-	-	-	-	-	-	-
Barium	43000	-	10,000	-	-	-	-	-	-	-	-	-	-
Beryllium	-	6,900	75	-	-	-	-	-	-	-	-	-	-
Cadmium	970	4,000	100	-	-	-	-	-	-	-	-	-	-
Chromium	660	-	2,500	-	-	-	-	-	-	-	-	-	-
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	-	-	-	-	-	-	-	-	-	-
Copper	5600	-	2,500	-	-	-	-	-	-	-	-	-	-
Lead	232	320	1,000	-	-	-	-	-	-	-	-	-	-
Mercury	2.1	4.4	20	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	3,500	-	-	-	-	-	-	-	-	-	-
Nickel	3400	64,000	2,000	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	100	-	-	-	-	-	-	-	-	-	-
Silver	-	-	500	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	700	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	2,400	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	5,000	-	-	-	-	-	-	-	-	-	-
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.00318	< 0.00318	< 0.00318	**0.148**	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.00472	< 0.00472	< 0.00472	**0.077**	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	130	0.58	50	< 0.00537	< 0.00537	< 0.00537	**0.225**	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-33A	B29-33A	B29-33B	B29-33B	B29-33C	B29-33C	B29-34A	B29-34A	B29-34B	B29-34B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-33A-010	B29-33A-050	B29-33B-010	B29-33B-050	B29-33C-010	B29-33C-050	B29-34A-010	B29-34A-050	B29-34B-010	B29-34B-050
Sample Date				1/8/2020	1/8/2020	1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	160	0.2	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-33A	B29-33A	B29-33B	B29-33B	B29-33C	B29-33C	B29-34A	B29-34A	B29-34B	B29-34B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-33A-010	B29-33A-050	B29-33B-010	B29-33B-050	B29-33C-010	B29-33C-050	B29-34A-010	B29-34A-050	B29-34B-010	B29-34B-050
Sample Date				1/8/2020	1/8/2020	1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	-	-	-	-	-	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	14	1.3	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	13	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	17,000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	-	-	-	-	-	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	-	-	-	-	-	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	B29-33A	B29-33A	B29-33B	B29-33B	B29-33C	B29-33C	B29-34A	B29-34A	B29-34B	B29-34B
Sample Name	(mg/kg)	(mg/kg)	(mg/kg)	B29-33A-010	B29-33A-050	B29-33B-010	B29-33B-050	B29-33C-010	B29-33C-050	B29-34A-010	B29-34A-050	B29-34B-010	B29-34B-050
Sample Date				1/8/2020	1/8/2020	1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C7)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C8)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	-	-	-	-	-	-	-	-	-	-
Diesel C9-C16 (calculated)	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Oil C17-C32 (calculated)	7,300	2,400	-	-	-	-	-	-	-	-	-	-	-
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,1,1-Trichloroethane	1.7	7,200	-	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
1,1,2-Trichloroethane	0.04	-	-	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883
1,1-Dichloroethane	0.56	16	-	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575
1,1-Dichloroethene	0.071	350	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,1-Dichloropropene	-	-	-	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007
1,2,3-Trichlorobenzene	-	300	-	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625
1,2,3-Trichloropropane	-	0.021	-	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
1,2,3-Trimethylbenzene	-	-	-	< 0.00115	< 0.00115	< 0.00115	**0.00788**	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115
1,2,4-Trichlorobenzene	0.818	35	-	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482
1,2,4-Trimethylbenzene	-	-	-	< 0.00116	< 0.00116	< 0.00116	**0.00473 J**	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525
1,2-Dichlorobenzene	28	-	-	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145
1,2-Dichloroethane	0.0028	-	-	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475
1,2-Dichloropropane	-	-	-	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-33A	B29-33A	B29-33B	B29-33B	B29-33C	B29-33C	B29-34A	B29-34A	B29-34B	B29-34B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-33A-010	B29-33A-050	B29-33B-010	B29-33B-050	B29-33C-010	B29-33C-050	B29-34A-010	B29-34A-050	B29-34B-010	B29-34B-050
Sample Date				1/8/2020	1/8/2020	1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00108	< 0.00108	< 0.00108	**0.00183 J**	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
1,3-Dichlorobenzene	-	-	-	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017
1,3-Dichloropropane	-	2,200	-	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197
2,2-Dichloropropane	-	-	-	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793
2-Butanone (Methyl Ethyl Ketone)	-	-	-	**0.0461**	**0.046**	**0.0366**	**0.0631**	< 0.0125	**0.0357**	**0.041**	**0.0438**	**0.0427**	**0.0472**
2-Chlorotoluene	-	2,500	-	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092
2-Hexanone	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253
4-Chlorotoluene	-	2,300	-	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acetone	-	-	-	< 0.0137	< 0.0137	< 0.0137	**0.0675**	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137
Acrylonitrile	-	-	-	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Bromobenzene	-	-	-	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105
Bromodichloromethane	-	1.3	-	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788
Bromoform	-	86	-	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598
Bromomethane (Methyl Bromide)	-	-	-	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	-	2.9	-	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
Chlorobenzene	2	-	-	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573
Chlorobromomethane	-	4.1	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	-	-	-	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
Chloroform (Trichloromethane)	-	-	-	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	**0.000441 J**	< 0.000415	< 0.000415
Chloromethane (Methyl Chloride)	-	-	-	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139
cis-1,2-Dichloroethene	4.9	84	-	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
cis-1,3-Dichloropropene	-	-	-	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233
Dibromochloromethane	-	-	-	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045
Dibromomethane	-	-	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818
Diisopropyl ether (DIPE)	-	-	-	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Ethylbenzene	7.7	-	-	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053
Hexachlorobutadiene	-	5.3	-	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127
Isopropylbenzene (Cumene)	-	-	-	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863
m,p-Xylenes	6	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	-	-	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295
Methylene chloride	0.019	26	-	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664
Naphthalene	-	6.5	-	< 0.00312	< 0.00312	< 0.00312	**0.0113 J**	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312
n-Butylbenzene	-	-	-	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-33A	B29-33A	B29-33B	B29-33B	B29-33C	B29-33C	B29-34A	B29-34A	B29-34B	B29-34B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-33A-010	B29-33A-050	B29-33B-010	B29-33B-050	B29-33C-010	B29-33C-050	B29-34A-010	B29-34A-050	B29-34B-010	B29-34B-050
Sample Date				1/8/2020	1/8/2020	1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118
o-Xylene	6	-	-	-	-	-	-	-	-	-	-	-	-
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155
Tetrachloroethene	2.1	2.7	-	< 0.0007	< 0.0007	< 0.0007	**0.00153 J**	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007
Toluene	0.44	5,300	-	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125
trans-1,2-Dichloroethene	0.17	600	-	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143
trans-1,3-Dichloropropene	-	-	-	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153
Trichloroethene	27	6[3]	2,040	< 0.0004	**0.00725**	< 0.0004	**0.323**	**0.000925 J**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	13	0.15	-	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683
Xylene (total)	6	-	-	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-34C	B29-34C	B29-35A	B29-35A	B29-35B	B29-35B	B29-35C	B29-35C	B99-01	B99-01
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-34C-010	B29-34C-050	B29-35A-010	B29-35A-050	B29-35B-010	B29-35B-050	B29-35C-010	B29-35C-050	B99-01-1	B99-01-5
Sample Date				1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	6/27/2016	6/27/2016
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	-	-	-	-	-	-	-	-	< 0.153	< 0.142
Arsenic	24.3	0.36/8[2]	500	-	-	-	-	-	-	-	-	**3.62**	**0.661 J**
Barium	43000	-	10,000	-	-	-	-	-	-	-	-	**73**	**80.8**
Beryllium	-	6,900	75	-	-	-	-	-	-	-	-	**0.266**	**0.394**
Cadmium	970	4,000	100	-	-	-	-	-	-	-	-	**0.454 J**	**0.365 J**
Chromium	660	-	2,500	-	-	-	-	-	-	-	-	**14.8**	**18.3**
Chromium VI (Hexavalent)	30	6.2	500										
Cobalt	-	-	8,000	-	-	-	-	-	-	-	-	**9.09**	**11.3**
Copper	5600	-	2,500	-	-	-	-	-	-	-	-	**24.2**	**11.7**
Lead	232	320	1,000	-	-	-	-	-	-	-	-	**12.5**	**4.29**
Mercury	2.1	4.4	20	-	-	-	-	-	-	-	-	**0.00722 J**	< 0.00559
Molybdenum	-	-	3,500	-	-	-	-	-	-	-	-	**0.174 J**	< 0.126
Nickel	3400	64,000	2,000	-	-	-	-	-	-	-	-	**7.58**	**9.51**
Selenium	-	-	100	-	-	-	-	-	-	-	-	< 0.307	**0.395 J**
Silver	-	-	500	-	-	-	-	-	-	-	-	< 0.0879	< 0.0816
Thallium	-	-	700	-	-	-	-	-	-	-	-	< 0.156	< 0.144
Vanadium	-	-	2,400	-	-	-	-	-	-	-	-	**43.4**	**61**
Zinc	-	-	5,000	-	-	-	-	-	-	-	-	**39.8**	**36.5**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.021	< 0.021
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.042	< 0.042
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.025	< 0.025
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.037	< 0.037
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.032	< 0.032
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.032	< 0.032
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.03	< 0.03
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	< 0.035	< 0.035
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	< 0.033	< 0.033
Total PCBs	130	0.58	50	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.042	< 0.042
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	-	< 0.012	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	-	**0.81**	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	-	**0.1**	-
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	-	< 0.011	-
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	-	< 0.019	-
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	-	< 0.012	-
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	-	< 0.13	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	< 0.022	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	-	< 0.011	-
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	-	< 0.0099	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-34C B29-34C-010 1/8/2020 0.5 - 1 (ft)	B29-34C B29-34C-050 1/8/2020 4.5 - 5 (ft)	B29-35A B29-35A-010 1/8/2020 0.5 - 1 (ft)	B29-35A B29-35A-050 1/8/2020 4.5 - 5 (ft)	B29-35B B29-35B-010 1/8/2020 0.5 - 1 (ft)	B29-35B B29-35B-050 1/8/2020 4.5 - 5 (ft)	B29-35C B29-35C-010 1/8/2020 0.5 - 1 (ft)	B29-35C B29-35C-050 1/8/2020 4.5 - 5 (ft)	B99-01 B99-01-1 6/27/2016 0.5 - 1 (ft)	B99-01 B99-01-5 6/27/2016 4.5 - 5 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	-	< 0.012	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	-	< 0.013	-
Endrin	-	160	0.2	-	-	-	-	-	-	-	-	< 0.012	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	< 0.015	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	< 0.013	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	-	< 0.011	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	-	< 0.011	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	-	**0.022 J**	-
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	-	< 0.014	-
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	-	< 0.22	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-34C	B29-34C	B29-35A	B29-35A	B29-35B	B29-35B	B29-35C	B29-35C	B99-01	B99-01
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-34C-010	B29-34C-050	B29-35A-010	B29-35A-050	B29-35B-010	B29-35B-050	B29-35C-010	B29-35C-050	B99-01-1	B99-01-5
Sample Date				1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	6/27/2016	6/27/2016
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	-	-	-	-	-	< 0.004	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	< 0.0042	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	-	-	-	-	-	< 0.002	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	-	-	-	-	-	< 0.0025	-
Benzo(a)pyrene	14	1.3	-	-	-	-	-	-	-	-	-	< 0.002	-
Benzo(b)fluoranthene	-	13	-	-	-	-	-	-	-	-	-	< 0.0021	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	< 0.0018	-
Benzo(k)fluoranthene	-	210,000	-	-	-	-	-	-	-	-	-	< 0.0017	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	-	-	-	-	-	< 0.0021	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	-	-	-	-	-	< 0.003	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	-	-	-	-	-	< 0.0021	-
Fluorene	-	17,000	-	-	-	-	-	-	-	-	-	< 0.0017	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	-	-	-	-	-	< 0.0022	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	-	-	-	-	-	< 0.004	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	< 0.0021	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	-	-	-	-	-	< 0.0029	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-34C B29-34C-010 1/8/2020 0.5 - 1 (ft)	B29-34C B29-34C-050 1/8/2020 4.5 - 5 (ft)	B29-35A B29-35A-010 1/8/2020 0.5 - 1 (ft)	B29-35A B29-35A-050 1/8/2020 4.5 - 5 (ft)	B29-35B B29-35B-010 1/8/2020 0.5 - 1 (ft)	B29-35B B29-35B-050 1/8/2020 4.5 - 5 (ft)	B29-35C B29-35C-010 1/8/2020 0.5 - 1 (ft)	B29-35C B29-35C-050 1/8/2020 4.5 - 5 (ft)	B99-01 B99-01-1 6/27/2016 0.5 - 1 (ft)	B99-01 B99-01-5 6/27/2016 4.5 - 5 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C7)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C8)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	-	-	-	-	-	-	-	-	**5.9**	**1.3 J**
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	-	-	-	-	-	-	-	-	**4.6 J**	< 1.3
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	-	-	-	-	-	-	-	-	**11**	**1.3 J**
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Diesel C9-C16 (calculated)	5,400	97	-	-	-	-	-	-	-	-	-	< 1.3	< 1.3
Oil C17-C32 (calculated)	7,300	2,400	-	-	-	-	-	-	-	-	-	**5.9**	**1.3**
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00024	< 0.00024
1,1,1-Trichloroethane	1.7	7,200	-	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.00023	< 0.00022
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00035	< 0.00034
1,1,2-Trichloroethane	0.04	-	-	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.000883	< 0.00036	< 0.00035
1,1-Dichloroethane	0.56	16	-	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.000575	< 0.00021	< 0.00021
1,1-Dichloroethene	0.071	350	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00035	< 0.00034
1,1-Dichloropropene	-	-	-	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.00033	< 0.00033
1,2,3-Trichlorobenzene	-	300	-	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.000625	< 0.00092	< 0.0009
1,2,3-Trichloropropane	-	0.021	-	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.00084	< 0.00082
1,2,3-Trimethylbenzene	-	-	-	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00482	< 0.00031	< 0.00031
1,2,4-Trimethylbenzene	-	-	-	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00059	< 0.00058
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0018	< 0.0017
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.000525	< 0.00026	< 0.00025
1,2-Dichlorobenzene	28	-	-	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00145	< 0.00023	< 0.00023
1,2-Dichloroethane	0.0028	-	-	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.000475	< 0.00032	< 0.00031
1,2-Dichloropropane	-	-	-	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00127	< 0.00044	< 0.00043

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	B29-34C	B29-34C	B29-35A	B29-35A	B29-35B	B29-35B	B29-35C	B29-35C	B99-01	B99-01
Sample Name	(mg/kg)	(mg/kg)	(mg/kg)	B29-34C-010	B29-34C-050	B29-35A-010	B29-35A-050	B29-35B-010	B29-35B-050	B29-35C-010	B29-35C-050	B99-01-1	B99-01-5
Sample Date				1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	6/27/2016	6/27/2016
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00055	< 0.00054
1,3-Dichlorobenzene	-	-	-	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.0017	< 0.00018	< 0.00017
1,3-Dichloropropane	-	2,200	-	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00175	< 0.00026	< 0.00025
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00197	< 0.00022	< 0.00022
2,2-Dichloropropane	-	-	-	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.000793	< 0.00033	< 0.00033
2-Butanone (Methyl Ethyl Ketone)	-	-	-	**0.0485**	**0.0437**	**0.046**	**0.0466**	**0.0453**	**0.0457**	**0.0398**	**0.0535**	< 0.0038	< 0.0037
2-Chlorotoluene	-	2,500	-	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00023	< 0.00023
2-Hexanone	-	-	-	-	-	-	-	-	-	-	-	< 0.0018	< 0.0017
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00253	< 0.00058	< 0.00057
4-Chlorotoluene	-	2,300	-	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00113	< 0.00022	< 0.00021
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0044	< 0.0043
Acetone	-	-	-	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0063	< 0.0062
Acrylonitrile	-	-	-	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	< 0.0019	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.00013	< 0.00013
Bromobenzene	-	-	-	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00105	< 0.00021	< 0.00021
Bromodichloromethane	-	1.3	-	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.000788	< 0.00024	< 0.00023
Bromoform	-	86	-	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.00598	< 0.0008	< 0.00079
Bromomethane (Methyl Bromide)	-	-	-	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0095	< 0.0093
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-	< 0.00031	< 0.0003
Carbon tetrachloride	-	2.9	-	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00029	< 0.00028
Chlorobenzene	2	-	-	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.000573	< 0.00023	< 0.00022
Chlorobromomethane	-	4.1	-	-	-	-	-	-	-	-	-	< 0.0007	< 0.00068
Chloroethane	-	-	-	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.0015	< 0.0015
Chloroform (Trichloromethane)	-	-	-	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.00024	< 0.00024
Chloromethane (Methyl Chloride)	-	-	-	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00139	< 0.00031	< 0.0003
cis-1,2-Dichloroethene	4.9	84	-	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	**0.0274**	< 0.00028	< 0.00028
cis-1,3-Dichloropropene	-	-	-	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.000678	< 0.00026	< 0.00025
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00064	< 0.00062
Dibromochloromethane	-	-	-	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00045	< 0.00058	< 0.00056
Dibromomethane	-	-	-	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.00078	< 0.00077
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.000818	< 0.00045	< 0.00044
Diisopropyl ether (DIPE)	-	-	-	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	-	-
Ethylbenzene	7.7	-	-	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00053	< 0.00015	< 0.00015
Hexachlorobutadiene	-	5.3	-	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	< 0.0127	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.000863	< 0.00055	< 0.00054
m,p-Xylenes	6	-	-	-	-	-	-	-	-	-	-	< 0.00027	< 0.00027
Methyl Tert Butyl Ether	-	-	-	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.0003	< 0.00029
Methylene chloride	0.019	26	-	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.0014	< 0.0013
Naphthalene	-	6.5	-	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00082	< 0.00081
n-Butylbenzene	-	-	-	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00016	< 0.00015

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B29-34C	B29-34C	B29-35A	B29-35A	B29-35B	B29-35B	B29-35C	B29-35C	B99-01	B99-01
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B29-34C-010	B29-34C-050	B29-35A-010	B29-35A-050	B29-35B-010	B29-35B-050	B29-35C-010	B29-35C-050	B99-01-1	B99-01-5
Sample Date				1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	6/27/2016	6/27/2016
Sample Depth				0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00118	< 0.00051	< 0.0005
o-Xylene	6	-	-	-	-	-	-	-	-	-	-	< 0.00056	< 0.00055
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00273	< 0.00061	< 0.0006
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00155	< 0.00015	< 0.00015
Tetrachloroethene	2.1	2.7	-	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.00021	< 0.00021
Toluene	0.44	5,300	-	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00125	< 0.00052	< 0.00051
trans-1,2-Dichloroethene	0.17	600	-	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00051	< 0.0005
trans-1,3-Dichloropropene	-	-	-	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00153	< 0.00061	< 0.0006
Trichloroethene	27	6[3]	2,040	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.00553**	< 0.0003	< 0.0003
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00038	< 0.00037
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.000675	< 0.00036	< 0.00035
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-	< 0.0048	< 0.0047
Vinyl chloride	13	0.15	-	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.000683	< 0.00051	< 0.0005
Xylene (total)	6	-	-	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	< 0.00478	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B99-02	B99-02	B99-03	B99-03	B99-04	B99-04	BB-14	BB-14	BB-15	BB-15
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B99-02-1	B99-02-4	B99-03-1	B99-03-4	B99-04-1	B99-04-3	BB-14-05	BB-14-01	BB-15-01	BB-15-03
Sample Date				6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 0.155	< 0.148	< 0.145	< 0.151	< 0.145	**0.276 J**	< 0.725	< 0.773	< 0.758	< 0.728
Arsenic	24.3	0.36/8[2]	500	**3.06**	**2.62**	**2.26**	**1.47**	**2.5**	**2.94**	**3.11**	**4.73**	**3.07**	**3.44**
Barium	43000	-	10,000	**72.5**	**394**	**54**	**59.1**	**68.8**	**136**	**68.2**	**80.6**	**62.1**	**66.2**
Beryllium	-	6,900	75	**0.289**	**0.434**	**0.225 J**	**0.333**	**0.338**	**0.462**	**0.315**	**0.258 J**	**0.25 J**	**0.28**
Cadmium	970	4,000	100	**0.481 J**	**0.411 J**	**0.298 J**	**0.309 J**	**0.368 J**	**0.429 J**	**0.449 J**	**0.438 J**	**1.03**	**0.734**
Chromium	660	-	2,500	**16.6**	**21.1**	**12.5**	**16.9**	**19.6**	**22.2**	**16.9**	**16.6**	**11.4**	**14.9**
Chromium VI (Hexavalent)	30	6.2	500							-	-	-	-
Cobalt	-	-	8,000	**8.87**	**15**	**6.44**	**9.29**	**9.44**	**11**	**9.21**	**3.84**	**6.04**	**7.51**
Copper	5600	-	2,500	**22.2**	**12.5**	**3.88**	**8.35**	**18**	**14.3**	**18.7**	**8.82**	**9.2**	**27.9**
Lead	232	320	1,000	**33.9**	**14.5**	**2.7**	**3.52**	**9.95**	**4**	**10.7**	**13.5**	**11.1**	**21.3**
Mercury	2.1	4.4	20	**0.027 J**	< 0.00578	< 0.00568	< 0.00597	**0.0131 J**	**0.00821 J**	**0.03 J**	**0.0000374 J**	**0.0153 J**	**0.044 J**
Molybdenum	-	-	3,500	< 0.137	< 0.131	< 0.129	< 0.134	< 0.129	< 0.126	**0.136 J**	**0.58**	**0.351**	**0.201 J**
Nickel	3400	64,000	2,000	**7.98**	**9.51**	**4.75**	**7.72**	**13.3**	**10.8**	**7.64**	**7.75**	**6.96**	**8.2**
Selenium	-	-	100	< 0.312	< 0.298	< 0.292	< 0.304	< 0.292	< 0.285	**0.334 J**	< 0.773	< 0.758	< 0.728
Silver	-	-	500	< 0.0893	< 0.0853	< 0.0836	< 0.087	< 0.0836	< 0.0816	< 0.242	< 0.258	< 0.253	< 0.243
Thallium	-	-	700	< 0.158	< 0.151	< 0.148	**0.196 J**	< 0.148	< 0.144	< 0.725	**0.503 J**	< 0.758	< 0.728
Vanadium	-	-	2,400	**43**	**67.8**	**47.3**	**53.5**	**52.8**	**65.6**	**48.8**	**29**	**29.1**	**40.4**
Zinc	-	-	5,000	**66**	**46.2**	**30.7**	**26.3**	**54.6**	**43.9**	**39.1 B**	**39.5 B**	**39.2**	**61.3 B**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.031	< 0.032	< 0.031	< 0.032	< 0.031	< 0.032	< 0.05	**0.16**	**0.094**	< 0.05
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.05	**0.11**	< 0.05	< 0.05
Aroclor-1262 (PCB-1262)	-	-	-	< 0.034	< 0.035	< 0.034	< 0.035	< 0.034	< 0.035	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1268 (PCB-1268)	-	-	-	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.05	< 0.05	< 0.05	< 0.05
Total PCBs	130	0.58	50	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.05	**0.27**	**0.094**	< 0.05
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	**0.0031 J**	-	**0.031**	-	-	-	< 0.005	-
4,4'-DDE	-	9.3	1.0	-	-	**0.024**	-	**0.18**	-	-	-	< 0.005	-
4,4'-DDT	-	7.1	1.0	-	-	**0.0027 J**	-	**0.031**	-	-	-	**0.0027 J**	-
Aldrin	-	0.18	1.4	-	-	< 0.0022	-	< 0.0022	-	-	-	< 0.005	-
alpha-BHC	-	0.24	-	-	-	< 0.0037	-	< 0.0037	-	-	-	< 0.01	-
beta-BHC	-	0.82	-	-	-	< 0.0025	-	< 0.0025	-	-	-	< 0.005	-
Chlordane	-	6.1	2.5	-	-	< 0.026	-	< 0.026	-	-	-	< 0.05	-
delta-BHC	-	-	-	-	-	< 0.0044	-	< 0.0044	-	-	-	< 0.01	-
Dieldrin	-	0.093	8.0	-	-	< 0.0022	-	< 0.0022	-	-	-	< 0.005	-
Endosulfan I	-	6,000	-	-	-	< 0.002	-	< 0.002	-	-	-	< 0.005	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	B99-02	B99-02	B99-03	B99-03	B99-04	B99-04	BB-14	BB-14	BB-15	BB-15
Sample Name	(mg/kg)	(mg/kg)	(mg/kg)	B99-02-1	B99-02-4	B99-03-1	B99-03-4	B99-04-1	B99-04-3	BB-14-05	BB-14-01	BB-15-01	BB-15-03
Sample Date				6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	< 0.0023	-	< 0.0023	-	-	-	< 0.005	-
Endosulfan sulfate	-	11,000	-	-	-	< 0.0026	-	< 0.0026	-	-	-	< 0.005	-
Endrin	-	160	0.2	-	-	< 0.0023	-	< 0.0023	-	-	-	< 0.005	-
Endrin aldehyde	-	-	-	-	-	< 0.003	-	< 0.003	-	-	-	< 0.005	-
Endrin ketone	-	-	-	-	-	< 0.0025	-	< 0.0025	-	-	-	< 0.005	-
gamma-BHC (Lindane)	-	2	4.0	-	-	< 0.0022	-	< 0.0022	-	-	-	< 0.005	-
Heptachlor	-	0.63	4.7	-	-	< 0.0022	-	< 0.0022	-	-	-	< 0.005	-
Heptachlor epoxide	-	0.33	-	-	-	< 0.0037	-	< 0.0037	-	-	-	< 0.01	-
Methoxychlor	-	2600	100	-	-	< 0.0027	-	< 0.0027	-	-	-	< 0.005	-
Toxaphene	-	1.2	5	-	-	< 0.045	-	< 0.045	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B99-02	B99-02	B99-03	B99-03	B99-04	B99-04	BB-14	BB-14	BB-15	BB-15
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B99-02-1	B99-02-4	B99-03-1	B99-03-4	B99-04-1	B99-04-3	BB-14-05	BB-14-01	BB-15-01	BB-15-03
Sample Date				6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	< 0.004	-	< 0.004	-	-	< 0.015	-	-
Acenaphthylene	-	-	-	-	-	< 0.0042	-	< 0.0042	-	-	< 0.03	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	< 0.002	-	< 0.002	-	-	< 0.01	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	< 0.0025	-	< 0.0025	-	-	**0.0058 J**	-	-
Benzo(a)pyrene	14	1.3	-	-	-	< 0.002	-	< 0.002	-	-	**0.023**	-	-
Benzo(b)fluoranthene	-	13	-	-	-	< 0.0021	-	< 0.0021	-	-	**0.031**	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	< 0.0018	-	< 0.0018	-	-	**0.023**	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	< 0.0017	-	< 0.0017	-	-	**0.012**	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	< 0.0021	-	< 0.0021	-	-	**0.013**	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	< 0.003	-	< 0.0029	-	-	**0.047**	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	< 0.0021	-	< 0.0021	-	-	**0.017**	-	-
Fluorene	-	17,000	-	-	-	< 0.0017	-	< 0.0017	-	-	< 0.01	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	< 0.0022	-	< 0.0022	-	-	**0.083**	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	< 0.004	-	< 0.004	-	-	< 0.015	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	< 0.0021	-	< 0.0021	-	-	**0.011**	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	< 0.0029	-	< 0.0029	-	-	**0.018**	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B99-02	B99-02	B99-03	B99-03	B99-04	B99-04	BB-14	BB-14	BB-15	BB-15
Sample Name				B99-02-1	B99-02-4	B99-03-1	B99-03-4	B99-04-1	B99-04-3	BB-14-05	BB-14-01	BB-15-01	BB-15-03
Sample Date				6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	< 5	< 5
Total Petroleum Hydrocarbons (C7)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	< 5	< 5
Total Petroleum Hydrocarbons (C8)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	< 5	< 5
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	**3.4 J**	< 5
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	**1.5 J**	< 5
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	< 5	< 5
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	< 5	< 5
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	< 5	< 5
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	**1.4 J**	< 5
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	**2 J**	< 1.3	< 1.2	< 1.2	**1.4 J**	< 1.3	< 5	< 25	**3.3 J**	< 5
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	< 1.2	< 1.3	**1.3 J**	< 1.2	**1.4 J**	**1.6 J**	< 5	< 25	< 5	< 5
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	**16**	**1.4 J**	**2.6 J**	< 1.2	**2.4 J**	**1.9 J**	< 5	< 25	**4.4 J**	< 5
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	**43**	**1.7 J**	**6.4**	< 1.2	**6.5**	**3 J**	< 5	**38**	**26**	**3.3 J**
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	**59**	< 1.3	**9.3**	< 1.2	**28**	**2.4 J**	< 5	**38**	**34**	< 5
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	**54**	< 1.3	**7.6**	< 1.2	**4.3 J**	**12**	< 5	**33**	**41**	< 5
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	**39**	< 1.3	< 1.2	< 1.2	**6.9**	< 1.3	< 5	**12 J**	**24**	< 5
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	**210**	**3.1 J**	**27**	< 1.3	**51**	**21**	< 5	**120**	**140**	**3.3 J**
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	< 5	< 5
Diesel C9-C16 (calculated)	5,400	97	-	< 1.2	< 1.3	< 1.2	< 1.2	< 1.2	< 1.3	< 5	< 25	**4.9**	< 5
Oil C17-C32 (calculated)	7,300	2,400	-	**61**	**3.1**	**10.3**	< 1.2	**11.7**	**6.5**	< 5	**38**	**35.1**	**3.3**
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.00024	< 0.00025	< 0.00025	< 0.00024	< 0.00025	< 0.00024	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,1,1-Trichloroethane	1.7	7,200	-	< 0.00023	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00023	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.00035	< 0.00035	< 0.00036	< 0.00034	< 0.00036	< 0.00035	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,1,2-Trichloroethane	0.04	-	-	< 0.00036	< 0.00036	< 0.00037	< 0.00035	< 0.00036	< 0.00035	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,1-Dichloroethane	0.56	16	-	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.00022	< 0.00021	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,1-Dichloroethene	0.071	350	-	< 0.00035	< 0.00035	< 0.00036	< 0.00034	< 0.00036	< 0.00035	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,1-Dichloropropene	-	-	-	< 0.00033	< 0.00034	< 0.00034	< 0.00033	< 0.00034	< 0.00033	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,2,3-Trichlorobenzene	-	300	-	< 0.00092	< 0.00093	< 0.00095	< 0.00091	< 0.00094	< 0.00091	< 0.01	< 0.0098	< 0.01	< 0.01
1,2,3-Trichloropropane	-	0.021	-	< 0.00084	< 0.00085	< 0.00086	< 0.00083	< 0.00085	< 0.00083	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.00031	< 0.00032	< 0.00032	< 0.00031	< 0.00032	< 0.00031	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,2,4-Trimethylbenzene	-	-	-	< 0.00059	< 0.0006	< 0.00061	< 0.00058	< 0.0006	< 0.00059	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0017	< 0.0018	< 0.0018	< 0.0017	< 0.0018	< 0.0017	< 0.01	< 0.0098	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.00026	< 0.00026	< 0.00027	< 0.00025	< 0.00026	< 0.00026	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,2-Dichlorobenzene	28	-	-	< 0.00023	< 0.00023	< 0.00024	< 0.00023	< 0.00024	< 0.00023	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,2-Dichloroethane	0.0028	-	-	< 0.00032	< 0.00032	< 0.00033	< 0.00031	< 0.00032	< 0.00031	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,2-Dichloropropane	-	-	-	< 0.00044	< 0.00045	< 0.00046	< 0.00044	< 0.00045	< 0.00044	< 0.0052	< 0.0049	< 0.0051	< 0.005

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B99-02	B99-02	B99-03	B99-03	B99-04	B99-04	BB-14	BB-14	BB-15	BB-15
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B99-02-1	B99-02-4	B99-03-1	B99-03-4	B99-04-1	B99-04-3	BB-14-05	BB-14-01	BB-15-01	BB-15-03
Sample Date				6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.00055	< 0.00056	< 0.00057	< 0.00055	< 0.00056	< 0.00055	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,3-Dichlorobenzene	-	-	-	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,3-Dichloropropane	-	2,200	-	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00026	< 0.00025	< 0.0052	< 0.0049	< 0.0051	< 0.005
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00022	< 0.0052	< 0.0049	< 0.0051	< 0.005
2,2-Dichloropropane	-	-	-	< 0.00033	< 0.00034	< 0.00034	< 0.00033	< 0.00034	< 0.00033	< 0.0052	< 0.0049	< 0.0051	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.0038	< 0.0039	< 0.0039	< 0.0037	< 0.0039	< 0.0038	< 0.052	< 0.049	< 0.051	< 0.05
2-Chlorotoluene	-	2,500	-	< 0.00023	< 0.00024	< 0.00024	< 0.00023	< 0.00024	< 0.00023	< 0.0052	< 0.0049	< 0.0051	< 0.005
2-Hexanone	-	-	-	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.052	< 0.049	< 0.051	< 0.05
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.00058	< 0.00059	< 0.0006	< 0.00057	< 0.00059	< 0.00058	< 0.0052	< 0.0049	< 0.0051	< 0.005
4-Chlorotoluene	-	2,300	-	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.00022	< 0.00021	< 0.0052	< 0.0049	< 0.0051	< 0.005
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.0043	< 0.0044	< 0.0045	< 0.0043	< 0.0044	< 0.0043	< 0.052	< 0.049	< 0.051	< 0.05
Acetone	-	-	-	< 0.0063	< 0.0064	< 0.0065	< 0.0062	< 0.0064	< 0.0062	< 0.13	**0.015 J**	< 0.13	< 0.13
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.00013	< 0.00013	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.0052	< 0.0049	< 0.0051	< 0.005
Bromobenzene	-	-	-	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00022	< 0.00021	< 0.0052	< 0.0049	< 0.0051	< 0.005
Bromodichloromethane	-	1.3	-	< 0.00023	< 0.00024	< 0.00024	< 0.00023	< 0.00024	< 0.00023	< 0.0052	< 0.0049	< 0.0051	< 0.005
Bromoform	-	86	-	< 0.0008	< 0.00081	< 0.00083	< 0.00079	< 0.00082	< 0.00079	< 0.0052	< 0.0049	< 0.0051	< 0.005
Bromomethane (Methyl Bromide)	-	-	-	< 0.0095	< 0.0096	< 0.0098	< 0.0094	< 0.0097	< 0.0094	< 0.026	< 0.025	< 0.026	< 0.025
Carbon disulfide	-	-	-	< 0.00031	< 0.00031	< 0.00032	< 0.0003	< 0.00031	< 0.00031	< 0.052	< 0.049	< 0.051	< 0.05
Carbon tetrachloride	-	2.9	-	< 0.00028	< 0.00029	< 0.00029	< 0.00028	< 0.00029	< 0.00028	< 0.0052	< 0.0049	< 0.0051	< 0.005
Chlorobenzene	2	-	-	< 0.00023	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00022	< 0.0052	< 0.0049	< 0.0051	< 0.005
Chlorobromomethane	-	4.1	-	< 0.00069	< 0.00071	< 0.00072	< 0.00069	< 0.00071	< 0.00069	< 0.0052	< 0.0049	< 0.0051	< 0.005
Chloroethane	-	-	-	< 0.0015	< 0.0015	< 0.0016	< 0.0015	< 0.0015	< 0.0015	< 0.0052	< 0.0049	< 0.0051	< 0.005
Chloroform (Trichloromethane)	-	-	-	< 0.00024	< 0.00024	< 0.00025	< 0.00024	< 0.00025	< 0.00024	< 0.0052	< 0.0049	< 0.0051	< 0.005
Chloromethane (Methyl Chloride)	-	-	-	< 0.00031	< 0.00031	< 0.00032	< 0.0003	< 0.00031	< 0.0003	< 0.026	< 0.025	< 0.026	< 0.025
cis-1,2-Dichloroethene	4.9	84	-	< 0.00028	< 0.00029	< 0.00029	< 0.00028	< 0.00029	< 0.00028	< 0.0052	< 0.0049	< 0.0051	< 0.005
cis-1,3-Dichloropropene	-	-	-	< 0.00026	< 0.00026	< 0.00027	< 0.00025	< 0.00026	< 0.00025	< 0.0052	< 0.0049	< 0.0051	< 0.005
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.00063	< 0.00064	< 0.00066	< 0.00063	< 0.00065	< 0.00063	< 0.0052	< 0.0049	< 0.0051	< 0.005
Dibromochloromethane	-	-	-	< 0.00057	< 0.00058	< 0.00059	< 0.00057	< 0.00059	< 0.00057	< 0.0052	< 0.0049	< 0.0051	< 0.005
Dibromomethane	-	-	-	< 0.00078	< 0.00079	< 0.00081	< 0.00077	< 0.0008	< 0.00077	< 0.0052	< 0.0049	< 0.0051	< 0.005
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.00045	< 0.00045	< 0.00046	< 0.00044	< 0.00046	< 0.00044	< 0.0052	< 0.0049	< 0.0051	< 0.005
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.00015	< 0.00015	< 0.00016	< 0.00015	< 0.00016	< 0.00015	< 0.0052	< 0.0049	< 0.0051	< 0.005
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.00055	< 0.00056	< 0.00057	< 0.00054	< 0.00056	< 0.00055	< 0.0052	< 0.0049	< 0.0051	< 0.005
m,p-Xylenes	6	-	-	**0.00076 J**	< 0.00027	< 0.00028	< 0.00027	< 0.00028	< 0.00027	< 0.0052	**0.00082 J**	**0.00045 J**	< 0.005
Methyl Tert Butyl Ether	-	-	-	< 0.0003	< 0.0003	< 0.00031	< 0.00029	< 0.0003	< 0.0003	< 0.0052	< 0.0049	< 0.0051	< 0.005
Methylene chloride	0.019	26	-	< 0.0013	< 0.0014	< 0.0014	< 0.0013	< 0.0014	< 0.0013	< 0.052	< 0.049	**0.0019 J**	< 0.05
Naphthalene	-	6.5	-	< 0.00082	< 0.00083	< 0.00085	< 0.00081	< 0.00084	< 0.00081	< 0.052	< 0.049	< 0.051	< 0.05
n-Butylbenzene	-	-	-	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.0052	< 0.0049	< 0.0051	< 0.005

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				B99-02	B99-02	B99-03	B99-03	B99-04	B99-04	BB-14	BB-14	BB-15	BB-15
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	B99-02-1	B99-02-4	B99-03-1	B99-03-4	B99-04-1	B99-04-3	BB-14-05	BB-14-01	BB-15-01	BB-15-03
Sample Date				6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.0005	< 0.00051	< 0.00052	< 0.0005	< 0.00052	< 0.0005	< 0.0052	< 0.0049	< 0.0051	< 0.005
o-Xylene	6	-	-	< 0.00056	< 0.00057	< 0.00058	< 0.00055	< 0.00057	< 0.00056	< 0.0052	< 0.0049	< 0.0051	< 0.005
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.00061	< 0.00062	< 0.00063	< 0.0006	< 0.00062	< 0.0006	< 0.0052	< 0.0049	< 0.0051	< 0.005
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.00015	< 0.00015	< 0.00016	< 0.00015	< 0.00016	< 0.00015	< 0.0052	< 0.0049	< 0.0051	< 0.005
Tetrachloroethene	2.1	2.7	-	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00022	< 0.00021	< 0.0052	< 0.0049	< 0.0051	< 0.005
Toluene	0.44	5,300	-	< 0.00052	< 0.00053	< 0.00054	< 0.00051	< 0.00053	< 0.00052	< 0.0052	< 0.0049	< 0.0051	< 0.005
trans-1,2-Dichloroethene	0.17	600	-	< 0.00051	< 0.00052	< 0.00053	< 0.0005	< 0.00052	< 0.00051	< 0.0052	< 0.0049	< 0.0051	< 0.005
trans-1,3-Dichloropropene	-	-	-	< 0.00061	< 0.00062	< 0.00063	< 0.0006	< 0.00062	< 0.00061	< 0.0052	< 0.0049	< 0.0051	< 0.005
Trichloroethene	27	6[3]	2,040	< 0.0003	< 0.00031	< 0.00031	< 0.0003	< 0.00031	< 0.0003	< 0.0052	< 0.0049	< 0.0051	< 0.005
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.00038	< 0.00038	< 0.00039	< 0.00037	< 0.00039	< 0.00038	< 0.052	< 0.049	< 0.051	< 0.05
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.00035	< 0.00036	< 0.00037	< 0.00035	< 0.00036	< 0.00035	< 0.052	< 0.049	< 0.051	< 0.05
Vinyl acetate	-	-	-	< 0.0048	< 0.0049	< 0.0049	< 0.0047	< 0.0049	< 0.0047	< 0.052	< 0.049	< 0.051	< 0.05
Vinyl chloride	13	0.15	-	< 0.00051	< 0.00051	< 0.00052	< 0.0005	< 0.00052	< 0.0005	< 0.0052	< 0.0049	< 0.0051	< 0.005
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:

BOLD = concentration detected at or above reported detection limit.

No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).

< = analyte not detected above the indicated reporting limit.

B = compound detected in the associated blank

J = estimated concentration.

- = not analyzed or not applicable.

mg/kg = milligrams per kilogram.

bgs = below ground surface.

GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)

DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.

TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24

[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.

[2] Site background

[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-16	BB-16	BB-17	BB-17	BB-18	BB-18	BB-19	BB-19	BB-20	BB-20
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-16-01	BB-16-03	BB-17-01	BB-17-04	BB-18-01	BB-18-04	BB-19-01	BB-19-03	BB-20-01	BB-20-03
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 0.773	< 0.765	< 0.754	< 0.732	< 0.765	< 0.765	< 0.761	< 0.732	< 0.718	**0.43 J**
Arsenic	24.3	0.36/8[2]	500	**3.85**	**1.95**	**3.25**	**1.38**	**5.58**	**1.77**	**6.75**	**2.06**	**2.77**	**2.44**
Barium	43000	-	10,000	**94.5**	**62.3**	**72.6**	**69.5**	**79.4**	**74.9**	**92.9**	**83.4**	**99.5**	**76.8**
Beryllium	-	6,900	75	**0.366**	**0.323**	**0.239 J**	**0.309**	**0.242 J**	**0.318**	**0.282**	**0.326**	**0.305**	**0.377**
Cadmium	970	4,000	100	**0.513 J**	**0.415 J**	**0.407 J**	**0.335 J**	**0.451 J**	**0.881**	**0.432 J**	**0.51**	**0.881**	**0.432 J**
Chromium	660	-	2,500	**17.3**	**15**	**12.8**	**16.3**	**17.5**	**17**	**14.3**	**16.9**	**15.6**	**18**
Chromium VI (Hexavalent)	30	6.2	500	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	8,000	**8.75**	**9.65**	**4.42**	**9.81**	**3.74**	**9.32**	**4.55**	**9.24**	**8.13**	**11.2**
Copper	5600	-	2,500	**13.9**	**12**	**7.64**	**10**	**10.9**	**23.5**	**13.6**	**20.4**	**21.3**	**12.8**
Lead	232	320	1,000	**13.9**	**6.82**	**9.76**	**4.17**	**17.6**	**22.7**	**14.5**	**14.9**	**32.5**	**8.08**
Mercury	2.1	4.4	20	**0.0152 J**	**0.0174 J**	**0.00945 J**	**0.0215 J**	**0.0239 J**	**0.0234 J**	**0.0218 J**	**0.0235 J**	**0.0194 J**	**0.0182 J**
Molybdenum	-	-	3,500	**0.269**	< 0.255	**0.425**	< 0.244	**0.863**	**0.147 J**	**0.884**	< 0.244	**0.401**	< 0.251
Nickel	3400	64,000	2,000	**8.26**	**6.8**	**5.91**	**7.24**	**5.92**	**8.92**	**7.5**	**7.51**	**8.96**	**8.38**
Selenium	-	-	100	**2.12**	< 0.765	**0.903**	**0.368 J**	< 0.765	**0.467 J**	**1.16**	< 0.732	< 0.718	< 0.754
Silver	-	-	500	< 0.258	< 0.255	< 0.251	< 0.244	**0.185 J**	< 0.255	< 0.254	< 0.244	< 0.239	< 0.251
Thallium	-	-	700	**0.769 J**	**0.425 J**	**0.252 J**	< 0.732	**0.47 J**	**0.181 J**	**0.734 J**	**0.223 J**	**0.192 J**	< 0.754
Vanadium	-	-	2,400	**47.3**	**48**	**29.6**	**51.5**	**23.9**	**49.6**	**27.2**	**49.8**	**41.2**	**58**
Zinc	-	-	5,000	**51.1 B**	**28.5 B**	**33**	**24.8**	**48.2**	**55.5**	**56.9**	**43.6**	**70**	**34.7**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.05	< 0.05	**0.12**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1260 (PCB-1260)	-	0.6	-	**0.033 J**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1262 (PCB-1262)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1268 (PCB-1268)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total PCBs	130	0.58	50	**0.033**	< 0.05	**0.12**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	< 0.005	-	-	-	< 0.005	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	< 0.005	-	-	-	**0.0024 J**	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	**0.0048 J**	-	-	-	**0.0041 J**	-	-	-
Aldrin	-	0.18	1.4	-	-	< 0.005	-	-	-	< 0.005	-	-	-
alpha-BHC	-	0.24	-	-	-	< 0.01	-	-	-	< 0.01	-	-	-
beta-BHC	-	0.82	-	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Chlordane	-	6.1	2.5	-	-	< 0.05	-	-	-	**0.033 J**	-	-	-
delta-BHC	-	-	-	-	-	< 0.01	-	-	-	< 0.01	-	-	-
Dieldrin	-	0.093	8.0	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Endosulfan I	-	6,000	-	-	-	< 0.005	-	-	-	< 0.005	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-16	BB-16	BB-17	BB-17	BB-18	BB-18	BB-19	BB-19	BB-20	BB-20
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-16-01	BB-16-03	BB-17-01	BB-17-04	BB-18-01	BB-18-04	BB-19-01	BB-19-03	BB-20-01	BB-20-03
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Endrin	-	160	0.2	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Endrin aldehyde	-	-	-	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Endrin ketone	-	-	-	-	-	< 0.005	-	-	-	< 0.005	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Heptachlor	-	0.63	4.7	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	< 0.01	-	-	-	< 0.01	-	-	-
Methoxychlor	-	2600	100	-	-	< 0.005	-	-	-	< 0.005	-	-	-
Toxaphene	-	1.2	5	-	-	< 0.1	-	-	-	< 0.1	-	-	-
SVOCs (mg/kg)		-											
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-16	BB-16	BB-17	BB-17	BB-18	BB-18	BB-19	BB-19	BB-20	BB-20
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-16-01	BB-16-03	BB-17-01	BB-17-04	BB-18-01	BB-18-04	BB-19-01	BB-19-03	BB-20-01	BB-20-03
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	< 0.015	-	-	-	< 0.015	-	-	-	< 0.015	-
Acenaphthylene	-	-	-	< 0.03	-	-	-	< 0.03	-	-	-	< 0.03	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	< 0.0099	-	-	-	**0.0082 J**	-	-	-	< 0.01	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	**0.0063 J**	-	-	-	**0.0055 J**	-	-	-	**0.0092 J**	-
Benzo(a)pyrene	14	1.3	-	**0.012**	-	-	-	**0.019**	-	-	-	**0.0084 J**	-
Benzo(b)fluoranthene	-	13	-	**0.016**	-	-	-	**0.021**	-	-	-	**0.01**	-
Benzo(g,h,i)perylene	-	-	-	**0.026**	-	-	-	**0.028**	-	-	-	**0.014**	-
Benzo(k)fluoranthene	-	210,000	-	**0.0078 J**	-	-	-	**0.047**	-	-	-	**0.015**	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	**0.0084 J**	-	-	-	**0.02**	-	-	-	**0.013**	-
Dibenz(a,h)anthracene	-	0.31	-	**0.054**	-	-	-	**0.06**	-	-	-	< 0.01	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	**0.02**	-	-	-	**0.054**	-	-	-	**0.03**	-
Fluorene	-	17,000	-	< 0.0099	-	-	-	< 0.01	-	-	-	< 0.01	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	**0.1**	-	-	-	**0.11**	-	-	-	**0.0049 J**	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	< 0.015	-	-	-	< 0.015	-	-	-	< 0.015	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	**0.012**	-	-	-	**0.023**	-	-	-	**0.019**	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	**0.039**	-	-	-	**0.032**	-	-	-	**0.058**	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-16	BB-16	BB-17	BB-17	BB-18	BB-18	BB-19	BB-19	BB-20	BB-20
Sample Name				BB-16-01	BB-16-03	BB-17-01	BB-17-04	BB-18-01	BB-18-04	BB-19-01	BB-19-03	BB-20-01	BB-20-03
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C7)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C8)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	< 25	< 4.9	**2.9 J**	< 5	< 25	< 5.1	< 50	< 4.9	**2.6 J**	< 5
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	**22 J**	< 4.9	**13**	< 5	**32**	< 5.1	**57**	< 4.9	**12**	< 5
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	**29**	< 4.9	**19**	< 5	**35**	< 5.1	**66**	< 4.9	**16**	< 5
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	**28**	< 4.9	**4.3 J**	< 5	**29**	< 5.1	**42 J**	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	**29 J**	< 4.9	< 4.9	< 5
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	**79**	< 5	**39**	< 5	**97**	< 5	**190**	< 5	**31**	< 5
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Diesel C9-C16 (calculated)	5,400	97	-	< 25	< 4.9	< 4.9	< 5	< 25	< 5.1	< 50	< 4.9	< 4.9	< 5
Oil C17-C32 (calculated)	7,300	2,400	-	**22**	< 4.9	**15.9**	< 5	**32**	< 5.1	**57**	< 4.9	**14.6**	< 5
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,1,1-Trichloroethane	1.7	7,200	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,1,2-Trichloroethane	0.04	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,1-Dichloroethane	0.56	16	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,1-Dichloroethene	0.071	350	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,1-Dichloropropene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,2,3-Trichlorobenzene	-	300	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0098	< 0.01	< 0.01	< 0.01	< 0.01
1,2,3-Trichloropropane	-	0.021	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,2,4-Trimethylbenzene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0098	< 0.01	< 0.01	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,2-Dichlorobenzene	28	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,2-Dichloroethane	0.0028	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,2-Dichloropropane	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-16	BB-16	BB-17	BB-17	BB-18	BB-18	BB-19	BB-19	BB-20	BB-20
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-16-01	BB-16-03	BB-17-01	BB-17-04	BB-18-01	BB-18-04	BB-19-01	BB-19-03	BB-20-01	BB-20-03
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,3-Dichlorobenzene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,3-Dichloropropane	-	2,200	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
2,2-Dichloropropane	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
2-Chlorotoluene	-	2,500	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
2-Hexanone	-	-	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
4-Chlorotoluene	-	2,300	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
Acetone	-	-	-	< 0.13	< 0.12	< 0.13	< 0.13	< 0.12	< 0.12	< 0.13	< 0.13	< 0.13	< 0.13
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Bromobenzene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Bromodichloromethane	-	1.3	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Bromoform	-	86	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Bromomethane (Methyl Bromide)	-	-	-	< 0.026	< 0.025	< 0.026	< 0.025	< 0.025	< 0.025	< 0.026	< 0.026	< 0.026	< 0.025
Carbon disulfide	-	-	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
Carbon tetrachloride	-	2.9	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Chlorobenzene	2	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Chlorobromomethane	-	4.1	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Chloroethane	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Chloroform (Trichloromethane)	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Chloromethane (Methyl Chloride)	-	-	-	< 0.026	< 0.025	< 0.026	< 0.025	< 0.025	< 0.025	< 0.026	< 0.026	< 0.026	< 0.025
cis-1,2-Dichloroethene	4.9	84	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
cis-1,3-Dichloropropene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	**0.0023 J**	< 0.0051
Dibromochloromethane	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Dibromomethane	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
m,p-Xylenes	6	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Methyl Tert Butyl Ether	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Methylene chloride	0.019	26	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
Naphthalene	-	6.5	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
n-Butylbenzene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-16	BB-16	BB-17	BB-17	BB-18	BB-18	BB-19	BB-19	BB-20	BB-20
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-16-01	BB-16-03	BB-17-01	BB-17-04	BB-18-01	BB-18-04	BB-19-01	BB-19-03	BB-20-01	BB-20-03
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	3.5 - 4 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
o-Xylene	6	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Tetrachloroethene	2.1	2.7	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Toluene	0.44	5,300	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
trans-1,2-Dichloroethene	0.17	600	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
trans-1,3-Dichloropropene	-	-	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Trichloroethene	27	6[3]	2,040	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
Vinyl acetate	-	-	-	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051
Vinyl chloride	13	0.15	-	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-21	BB-21	BB-22	BB-22	BB-23	BB-23	BB-24	BB-24	PW-01A	PW-01B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-21-01	BB-21-03	BB-22-01	BB-22-03	BB-23-01	BB-23-03	BB-24-01	BB-24-03	PW01A-1.5	PW01B-1.5
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	07/29/2020	07/29/2020
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1.5 (ft)	1.5 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 0.773	< 0.735	< 0.739	< 0.721	< 0.721	< 0.789	< 0.758	< 0.777	< 3.2	< 3.1
Arsenic	24.3	0.36/8[2]	500	**4.41**	**2.06**	**3.04**	**2.17**	**2.27**	**1.39**	**4.17**	**1.57**	**2.6**	**1.9**
Barium	43000	-	10,000	**82.5**	**84.9**	**57.8**	**77.9**	**73.1**	**74.7**	**72.4**	**78.3**	**68**	**64**
Beryllium	-	6,900	75	**1.38**	**0.254**	**0.271**	**0.333**	**0.273**	**0.381**	**0.226 J**	**0.286**	< 0.54	< 0.51
Cadmium	970	4,000	100	**1.35**	**0.498**	**1.18**	**0.45 J**	**0.866**	**0.353 J**	**0.473 J**	**0.548**	< 0.54	< 0.51
Chromium	660	-	2,500	**12.3**	**13.1**	**14.1**	**17.2**	**15.1**	**19**	**9.67**	**15.3**	**16**	**17**
Chromium VI (Hexavalent)	30	6.2	500	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	8,000	**6.19**	**7.62**	**6.11**	**9.93**	**8.36**	**11.2**	**5.57**	**9.51**	**6.6**	**7.7**
Copper	5600	-	2,500	**11.2**	**16.2**	**8.59**	**20.2**	**28.8**	**9.91**	**12.4**	**28.4**	**4.8**	**17**
Lead	232	320	1,000	**9.18**	**22.1**	**7.31**	**13.6**	**42.6**	**4.48**	**17.3**	**19**	**2.9**	**15**
Mercury	2.1	4.4	20	**0.0177 J**	**0.0192 J**	< 0.082	**0.0184 J**	**0.106**	**0.007 J**	**0.019 J**	**0.0258 J**	< 0.14	< 0.13
Molybdenum	-	-	3,500	**1.04**	**0.152 J**	< 0.246	**0.243**	< 0.24	< 0.263	**0.429**	**0.229 J**	< 1.1	< 1
Nickel	3400	64,000	2,000	**6.68**	**6.41**	**6.44**	**7.59**	**7.57**	**8.45**	**5.04**	**9.37**	**6.1**	**8.6**
Selenium	-	-	100	**0.857**	**0.531 J**	< 0.739	**0.421 J**	< 0.721	< 0.789	< 0.758	< 0.777	< 3.2	< 3.1
Silver	-	-	500	< 0.258	< 0.245	< 0.246	< 0.24	< 0.24	< 0.263	< 0.253	< 0.259	< 0.54	**0.52**
Thallium	-	-	700	**0.929**	< 0.735	< 0.739	**0.156 J**	< 0.721	< 0.789	< 0.758	< 0.777	< 3.2	< 3.1
Vanadium	-	-	2,400	**28.9**	**39.6**	**34.7**	**51.5**	**42.9**	**63.6**	**29**	**47.6**	**59**	**47**
Zinc	-	-	5,000	**40.6**	**65.7**	**42.9**	**40.3**	**78.3**	**31.6**	**59.7**	**59**	**38**	**46**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1260 (PCB-1260)	-	0.6	-	**0.033 J**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1262 (PCB-1262)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1268 (PCB-1268)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total PCBs	130	0.58	50	**0.033**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	< 0.005	-	-	-	**0.0099**	-	< 0.005	-	-	-
4,4'-DDE	-	9.3	1.0	**0.0074**	-	-	-	**1**	-	**0.015**	-	-	-
4,4'-DDT	-	7.1	1.0	< 0.005	-	-	-	**0.23**	-	**0.016**	-	-	-
Aldrin	-	0.18	1.4	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
alpha-BHC	-	0.24	-	< 0.01	-	-	-	< 0.0099	-	< 0.01	-	-	-
beta-BHC	-	0.82	-	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Chlordane	-	6.1	2.5	**0.03 J**	-	-	-	< 0.05	-	< 0.05	-	-	-
delta-BHC	-	-	-	< 0.01	-	-	-	< 0.0099	-	< 0.01	-	-	-
Dieldrin	-	0.093	8.0	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Endosulfan I	-	6,000	-	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-21	BB-21	BB-22	BB-22	BB-23	BB-23	BB-24	BB-24	PW-01A	PW-01B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-21-01	BB-21-03	BB-22-01	BB-22-03	BB-23-01	BB-23-03	BB-24-01	BB-24-03	PW01A-1.5	PW01B-1.5
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	07/29/2020	07/29/2020
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1.5 (ft)	1.5 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Endosulfan sulfate	-	11,000	-	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Endrin	-	160	0.2	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Endrin aldehyde	-	-	-	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Endrin ketone	-	-	-	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
gamma-BHC (Lindane)	-	2	4.0	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Heptachlor	-	0.63	4.7	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Heptachlor epoxide	-	0.33	-	< 0.01	-	-	-	< 0.0099	-	< 0.01	-	-	-
Methoxychlor	-	2600	100	< 0.005	-	-	-	< 0.005	-	< 0.005	-	-	-
Toxaphene	-	1.2	5	< 0.1	-	-	-	< 0.099	-	< 0.1	-	-	-
SVOCs (mg/kg)		-											
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-21	BB-21	BB-22	BB-22	BB-23	BB-23	BB-24	BB-24	PW-01A	PW-01B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-21-01	BB-21-03	BB-22-01	BB-22-03	BB-23-01	BB-23-03	BB-24-01	BB-24-03	PW01A-1.5	PW01B-1.5
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	07/29/2020	07/29/2020
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1.5 (ft)	1.5 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	**0.0061 J**	-	< 0.015	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	< 0.03	-	**0.011 J**	-	-	-	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	< 0.01	-	< 0.0099	-	-	-	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	**0.0031 J**	-	**0.0072 J**	-	-	-	-	-
Benzo(a)pyrene	14	1.3	-	-	-	**0.0029 J**	-	**0.018**	-	-	-	-	-
Benzo(b)fluoranthene	-	13	-	-	-	**0.0054 J**	-	**0.0085 J**	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	**0.0048 J**	-	**0.0035 J**	-	-	-	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	< 0.01	-	**0.0085 J**	-	-	-	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	< 0.01	-	**0.0067 J**	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	< 0.01	-	< 0.0099	-	-	-	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	< 0.01	-	**0.021**	-	-	-	-	-
Fluorene	-	17,000	-	-	-	**0.0038 J**	-	< 0.0099	-	-	-	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	< 0.01	-	**0.0046 J**	-	-	-	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	< 0.015	-	< 0.015	-	-	-	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	< 0.01	-	**0.0062 J**	-	-	-	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	**0.0072 J**	-	**0.031**	-	-	-	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-21	BB-21	BB-22	BB-22	BB-23	BB-23	BB-24	BB-24	PW-01A	PW-01B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-21-01	BB-21-03	BB-22-01	BB-22-03	BB-23-01	BB-23-03	BB-24-01	BB-24-03	PW01A-1.5	PW01B-1.5
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	07/29/2020	07/29/2020
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1.5 (ft)	1.5 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	< 3.8	< 2.8
Total Petroleum Hydrocarbons (C6)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C7)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C8)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	**1.3 J**	-	-
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	**2.6 J**	-	-
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	< 5	**37**	< 5	< 4.9	< 5	< 5	< 25	**4 J**	-	-
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	**2.2 J**	**1.9 J**	< 5	< 4.9	< 5	< 5	< 25	**8.9**	-	-
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	**17**	**5**	**4.3 J**	< 4.9	< 5	< 5	**62**	**13**	-	-
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	**18**	**2.4 J**	**7.1**	< 4.9	< 5	< 5	**45**	**9.2**	-	-
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	**9.7**	< 4.9	< 5	< 4.9	< 5	< 5	**48**	**5 J**	-	-
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	**47**	**46**	**11**	< 5	< 5	< 5	**150**	**44**	-	-
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	< 10	< 10
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	< 10	< 10
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	< 20	< 20
Gasoline C6-C8 (calculated)	2,900	-	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Diesel C9-C16 (calculated)	5,400	97	-	< 5	< 4.9	< 5	< 4.9	< 5	< 5	< 25	< 5	-	-
Oil C17-C32 (calculated)	7,300	2,400	-	**19.2**	**43.9**	**4.3**	< 4.9	< 5	< 5	**62**	**29.8**	-	-
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,1,1-Trichloroethane	1.7	7,200	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,1,2-Trichloroethane	0.04	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,1-Dichloroethane	0.56	16	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,1-Dichloroethene	0.071	350	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,1-Dichloropropene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,2,3-Trichlorobenzene	-	300	-	< 0.01	< 0.0099	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0098	< 0.01	< 0.0047	< 0.0045
1,2,3-Trichloropropane	-	0.021	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,2,4-Trimethylbenzene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.01	< 0.0099	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0098	< 0.01	< 0.0047	< 0.0045
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,2-Dichlorobenzene	28	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,2-Dichloroethane	0.0028	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,2-Dichloropropane	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-21	BB-21	BB-22	BB-22	BB-23	BB-23	BB-24	BB-24	PW-01A	PW-01B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-21-01	BB-21-03	BB-22-01	BB-22-03	BB-23-01	BB-23-03	BB-24-01	BB-24-03	PW01A-1.5	PW01B-1.5
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	07/29/2020	07/29/2020
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1.5 (ft)	1.5 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,3-Dichlorobenzene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,3-Dichloropropane	-	2,200	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	< 0.0047	< 0.0045
1,4-Dichlorobenzene	0.23	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
2,2-Dichloropropane	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
2-Butanone (Methyl Ethyl Ketone)	-	-	-	**0.022 J**	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.094	< 0.091
2-Chlorotoluene	-	2,500	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
2-Hexanone	-	-	-	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	-	-
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
4-Chlorotoluene	-	2,300	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.0047	< 0.0045
Acetone	-	-	-	**0.076 J**	< 0.12	< 0.13	< 0.13	< 0.13	< 0.13	< 0.12	< 0.13	< 0.094	< 0.091
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	< 0.0047	< 0.0045
Benzene	0.019	1.4	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Bromobenzene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Bromodichloromethane	-	1.3	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Bromoform	-	86	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Bromomethane (Methyl Bromide)	-	-	-	< 0.025	< 0.025	< 0.025	< 0.026	< 0.025	< 0.025	< 0.025	< 0.026	< 0.0047	< 0.0045
Carbon disulfide	-	-	-	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	-	-
Carbon tetrachloride	-	2.9	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Chlorobenzene	2	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Chlorobromomethane	-	4.1	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Chloroethane	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Chloroform (Trichloromethane)	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Chloromethane (Methyl Chloride)	-	-	-	< 0.025	< 0.025	< 0.025	< 0.026	< 0.025	< 0.025	< 0.025	< 0.026	< 0.0047	< 0.0045
cis-1,2-Dichloroethene	4.9	84	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
cis-1,3-Dichloropropene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	< 0.0047	< 0.0045
Cymene (p-Isopropyltoluene)	-	1,600	-	**0.029**	**0.00073 J**	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Dibromochloromethane	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Dibromomethane	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	< 0.0047	< 0.0045
Ethylbenzene	7.7	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	< 0.0047	< 0.0045
Isopropylbenzene (Cumene)	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
m,p-Xylenes	6	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0094	< 0.0091
Methyl Tert Butyl Ether	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Methylene chloride	0.019	26	-	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.0047	< 0.0045
Naphthalene	-	6.5	-	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.0047	< 0.0045
n-Butylbenzene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				BB-21	BB-21	BB-22	BB-22	BB-23	BB-23	BB-24	BB-24	PW-01A	PW-01B
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	BB-21-01	BB-21-03	BB-22-01	BB-22-03	BB-23-01	BB-23-03	BB-24-01	BB-24-03	PW01A-1.5	PW01B-1.5
Sample Date				6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	07/29/2020	07/29/2020
Sample Depth				0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	1.5 (ft)	1.5 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
o-Xylene	6	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	< 0.094	< 0.091
Styrene	-	32,000	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	< 0.0047	< 0.0045
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	< 0.0094	< 0.0091
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	< 0.0047	< 0.0045
tert-Butylbenzene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Tetrachloroethene	2.1	2.7	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Toluene	0.44	5,300	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
trans-1,2-Dichloroethene	0.17	600	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
trans-1,3-Dichloropropene	-	-	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Trichloroethene	27	6[3]	2,040	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.0047	< 0.0045
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	< 0.0047	< 0.0045
Vinyl acetate	-	-	-	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05	< 0.049	< 0.052	-	-
Vinyl chloride	13	0.15	-	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005	< 0.0049	< 0.0052	< 0.0047	< 0.0045
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	< 0.0047	< 0.0045

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				PW-02	PW-03	PW-06	PW-07	PW-11	PW-12	PW-15	UT-02	UT-02	UT-03
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	PW02-2	PW03-5.5	PW06-3	PW07-1.5	PW11-1.5	PW12-1.5	PW15-1	SSS00279 (UT-02-05)	SSS00278 (UT-02-01)	SSS00280 (UT-03-01)
Sample Date				07/29/2020	07/29/2020	07/29/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	4/22/2013	4/22/2013	4/22/2013
Sample Depth				2 (ft)	5.5 (ft)	3 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	5 (ft)	1 (ft)	1 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 3.2	< 3.3	< 3	< 3.2	< 2.8	< 3.2	< 2.7	< 0.75	< 0.75	< 0.75
Arsenic	24.3	0.36/8[2]	500	**2.1**	< 1.1	**2.2**	**5.7**	**5**	**4.5**	**2.8**	**2.74**	**7.81**	**8.71**
Barium	43000	-	10,000	**49**	**89**	**59**	**51**	**31**	**54**	**54**	**74.3**	**100**	**91.4**
Beryllium	-	6,900	75	< 0.53	< 0.55	< 0.5	< 0.53	< 0.47	< 0.54	< 0.45	**0.26**	**0.39**	**0.287**
Cadmium	970	4,000	100	< 0.53	< 0.55	< 0.5	**0.96**	< 0.47	< 0.54	< 0.45	**0.927**	**5.32**	**2.42**
Chromium	660	-	2,500	**19**	**20**	**21**	**13**	**8.5**	**14**	**15**	**15.1**	**23.9**	**20.4**
Chromium VI (Hexavalent)	30	6.2	500	-	-	-					-	-	**0.095 J**
Cobalt	-	-	8,000	**6.8**	**7.8**	**11**	**5.7**	**4.5**	**5.6**	**5.6**	**7.46**	**12.7**	**9.69**
Copper	5600	-	2,500	**11**	**12**	**13**	**41**	**14**	**12**	**5**	**15**	**65.4**	**46.9**
Lead	232	320	1,000	**4.8**	**2.1**	**4.6**	**26**	**11**	**10**	**1.6**	**12.7**	**85.2**	**112**
Mercury	2.1	4.4	20	< 0.14	< 0.14	< 0.14	< 0.13	< 0.13	< 0.13	< 0.14	-	-	< 0.0835
Molybdenum	-	-	3,500	< 1.1	< 1.1	< 0.99	< 1.1	< 0.94	< 1.1	< 0.91	**0.843**	**7.96**	**0.642**
Nickel	3400	64,000	2,000	**8.4**	**8.7**	**9.8**	**8.7**	**4.6**	**7**	**5**	**6.3**	**14**	**13.6**
Selenium	-	-	100	< 3.2	< 3.3	< 3	< 3.2	< 2.8	< 3.2	< 2.7	< 0.75	< 0.75	< 0.75
Silver	-	-	500	< 0.53	**0.55**	**0.81**	< 0.53	< 0.47	< 0.54	< 0.45	< 0.25	< 0.25	< 0.25
Thallium	-	-	700	< 3.2	< 3.3	< 3	< 3.2	< 2.8	< 3.2	< 2.7	< 0.75	< 0.75	< 0.75
Vanadium	-	-	2,400	**50**	**63**	**59**	**33**	**19**	**37**	**51**	**44.3**	**52.1**	**41.9**
Zinc	-	-	5,000	**32**	**38**	**33**	**51**	**19**	**45**	**34**	**45**	**153**	**243**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.05	< 0.049	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.05	< 0.049	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.05	< 0.049	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.05	< 0.049	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.05	< 0.049	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.05	< 0.049	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.77**	< 0.05
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.05	< 0.049	< 0.05	< 0.05	**0.18**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1262 (PCB-1262)	-	-	-	< 0.05	< 0.049	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1268 (PCB-1268)	-	-	-	< 0.05	< 0.049	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-
Total PCBs	130	0.58	50	< 0.05	< 0.049	< 0.05	< 0.05	**0.18**	< 0.05	< 0.05	< 0.05	**0.77**	< 0.05
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	PW-02 PW02-2 07/29/2020 2 (ft)	PW-03 PW03-5.5 07/29/2020 5.5 (ft)	PW-06 PW06-3 07/29/2020 3 (ft)	PW-07 PW07-1.5 7/28/2020 1.5 - 1.5 (ft)	PW-11 PW11-1.5 7/28/2020 1.5 - 1.5 (ft)	PW-12 PW12-1.5 7/28/2020 1.5 - 1.5 (ft)	PW-15 PW15-1 7/28/2020 1.5 - 1.5 (ft)	UT-02 SSS00279 (UT-02-05) 4/22/2013 5 (ft)	UT-02 SSS00278 (UT-02-01) 4/22/2013 1 (ft)	UT-03 SSS00280 (UT-03-01) 4/22/2013 1 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	160	0.2	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	PW-02	PW-03	PW-06	PW-07	PW-11	PW-12	PW-15	UT-02	UT-02	UT-03
Sample Name				PW02-2	PW03-5.5	PW06-3	PW07-1.5	PW11-1.5	PW12-1.5	PW15-1	SSS00279 (UT-02-05)	SSS00278 (UT-02-01)	SSS00280 (UT-03-01)
Sample Date				07/29/2020	07/29/2020	07/29/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	4/22/2013	4/22/2013	4/22/2013
Sample Depth	(mg/kg)	(mg/kg)	(mg/kg)	2 (ft)	5.5 (ft)	3 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	5 (ft)	1 (ft)	1 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	-	-	-	-	-	-	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	14	1.3	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	13	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	210,000	-	-	-	-	-	-	-	-	-	-	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	17,000	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	-	-	-	-	-	-	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	-	-	-	-	-	-	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	GPL	Comm/Ind DTSC-SL[1]	TTLC	PW-02	PW-03	PW-06	PW-07	PW-11	PW-12	PW-15	UT-02	UT-02	UT-03
Sample Name				PW02-2	PW03-5.5	PW06-3	PW07-1.5	PW11-1.5	PW12-1.5	PW15-1	SSS00279 (UT-02-05)	SSS00278 (UT-02-01)	SSS00280 (UT-03-01)
Sample Date				07/29/2020	07/29/2020	07/29/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	4/22/2013	4/22/2013	4/22/2013
Sample Depth	(mg/kg)	(mg/kg)	(mg/kg)	2 (ft)	5.5 (ft)	3 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	5 (ft)	1 (ft)	1 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	< 2.2	-	< 2.8	< 3.3	< 3.1	< 2.9	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C7)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C8)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	**26**
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	**26**
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	-	-	-	-	-	-	-	**5.6**	**5.6**	**42**
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	**32**
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	-	-	-	-	-	-	-	**13**	**13**	< 25
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	-	-	-	-	-	-	-	**38**	**38**	**170**
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	< 10	-	< 10	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	< 10	-	< 10	**610**	**53**	< 100	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	< 20	-	< 20	**1200**	**240**	< 200	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Diesel C9-C16 (calculated)	5,400	97	-	-	-	-	-	-	-	-	< 5	< 5	< 25
Oil C17-C32 (calculated)	7,300	2,400	-	-	-	-	-	-	-	-	**5.6**	**5.6**	**94**
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,1,1-Trichloroethane	1.7	7,200	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,1,2-Trichloroethane	0.04	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,1-Dichloroethane	0.56	16	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,1-Dichloroethene	0.071	350	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,1-Dichloropropene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,2,3-Trichlorobenzene	-	300	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.01	< 0.01	< 0.01
1,2,3-Trichloropropane	-	0.021	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,2,4-Trimethylbenzene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.01	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	28	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	0.0028	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				PW-02	PW-03	PW-06	PW-07	PW-11	PW-12	PW-15	UT-02	UT-02	UT-03
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	PW02-2	PW03-5.5	PW06-3	PW07-1.5	PW11-1.5	PW12-1.5	PW15-1	SSS00279 (UT-02-05)	SSS00278 (UT-02-01)	SSS00280 (UT-03-01)
Sample Date				07/29/2020	07/29/2020	07/29/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	4/22/2013	4/22/2013	4/22/2013
Sample Depth				2 (ft)	5.5 (ft)	3 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	5 (ft)	1 (ft)	1 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,3-Dichlorobenzene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,3-Dichloropropane	-	2,200	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
1,4-Dichloro-2-butene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
2,2-Dichloropropane	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.096	< 0.13	< 0.074	< 0.11	< 0.14	< 0.085	-	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	-	2,500	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
2-Hexanone	-	-	-	-	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	-	2,300	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.05	< 0.05	< 0.05
Acetone	-	-	-	< 0.096	< 0.13	< 0.074	**0.15**	**0.21**	**0.15**	-	< 0.12	< 0.12	< 0.12
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	-	-	-
Benzene	0.019	1.4	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Bromobenzene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Bromodichloromethane	-	1.3	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Bromoform	-	86	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.025	< 0.025	< 0.025
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	-	2.9	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Chlorobenzene	2	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Chlorobromomethane	-	4.1	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Chloroethane	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Chloroform (Trichloromethane)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Chloromethane (Methyl Chloride)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.025	< 0.025	< 0.025
cis-1,2-Dichloroethene	4.9	84	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
cis-1,3-Dichloropropene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
cis-1,4-Dichloro-2-butene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Dibromochloromethane	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Dibromomethane	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Diisopropyl ether (DIPE)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	-	5.3	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
m,p-Xylenes	6	-	-	< 0.0096	< 0.013	< 0.0074	< 0.011	< 0.014	< 0.0085	-	< 0.005	< 0.005	< 0.005
Methyl Tert Butyl Ether	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Methylene chloride	0.019	26	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.05	< 0.05	< 0.05
Naphthalene	-	6.5	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.05	< 0.05	< 0.05
n-Butylbenzene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location				PW-02	PW-03	PW-06	PW-07	PW-11	PW-12	PW-15	UT-02	UT-02	UT-03
Sample Name	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	PW02-2	PW03-5.5	PW06-3	PW07-1.5	PW11-1.5	PW12-1.5	PW15-1	SSS00279 (UT-02-05)	SSS00278 (UT-02-01)	SSS00280 (UT-03-01)
Sample Date				07/29/2020	07/29/2020	07/29/2020	7/28/2020	7/28/2020	7/28/2020	7/28/2020	4/22/2013	4/22/2013	4/22/2013
Sample Depth				2 (ft)	5.5 (ft)	3 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	1.5 - 1.5 (ft)	5 (ft)	1 (ft)	1 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
o-Xylene	6	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
PHC as Gasoline	5,400	97	-	**0.16**	-	< 0.074	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Tert-Amyl Methyl Ether (TAME)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	< 0.0096	< 0.013	< 0.0074	< 0.011	< 0.014	< 0.0085	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Tetrachloroethene	2.1	2.7	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	**0.0047**	-	< 0.005	< 0.005	< 0.005
Toluene	0.44	5,300	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	0.17	600	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
trans-1,3-Dichloropropene	-	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Trichloroethene	27	6[3]	2,040	**0.14**	**0.011**	**0.02**	**0.023**	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.05	< 0.05	< 0.05
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.05	< 0.05	< 0.05
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05
Vinyl chloride	13	0.15	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	< 0.005	< 0.005	< 0.005
Xylene (total)	6	-	-	< 0.0048	< 0.0064	< 0.0037	< 0.0057	< 0.0071	< 0.0042	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	UT-03 SSS00281 (UT-03-05) 4/22/2013 5 (ft)	UT-18 SSS00310 (UT-18-01) 4/22/2013 1 (ft)	UT-18 SSS00311 (UT-18-05) 4/22/2013 5 (ft)	UT-19 SSS00312 (UT-19-01) 4/23/2013 1 (ft)	UT-19 SSS00313 (UT-19-05) 4/23/2013 5 (ft)	UT-20 SSS00314 (UT-20-01) 4/23/2013 1 (ft)	UT-20 SSS00315 (UT-20-05) 4/23/2013 5 (ft)	UT-21 SSS00316 (UT-21-01) 4/23/2013 1 (ft)	UT-21 SSS00317 (UT-21-05) 4/23/2013 5 (ft)	UT-22 SSS00320 (UT-22-01) 4/23/2013 1 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	-
Arsenic	24.3	0.36/8[2]	500	**1.93**	**4.84**	**1.53**	**2.72**	**2.65**	**3.37**	**2.5**	**2.52**	**2.19**	-
Barium	43000	-	10,000	**74**	**116**	**82.3**	**150**	**99.9**	**158**	**61.6**	**133**	**50.7**	-
Beryllium	-	6,900	75	**0.265**	**0.26**	< 0.25	< 0.25	**0.429**	< 0.25	**0.377**	< 0.25	**0.267**	-
Cadmium	970	4,000	100	< 0.5	**1.31**	< 0.5	**0.654**	< 0.5	**0.837**	**0.671**	**0.786**	< 0.5	-
Chromium	660	-	2,500	**13**	**19.1**	**9.02**	**4.95**	**12**	**6.42**	**16**	**8.35**	**10.1**	-
Chromium VI (Hexavalent)	30	6.2	500	**0.057 J**	-	-	-	-	-	-	**0.058 J**	< 0.4	-
Cobalt	-	-	8,000	**7.14**	**6.5**	**8.93**	**6.13**	**7.85**	**6.97**	**9.69**	**4.63**	**6.9**	-
Copper	5600	-	2,500	**9.09**	**45.6**	**5.32**	**7.37**	**6.26**	**6.72**	**10.6**	**13.4**	**4.46**	-
Lead	232	320	1,000	**3.16**	**112**	**3.5**	**7.65**	**4.64**	**14.3**	**4.11**	**46.1**	**3.75**	-
Mercury	2.1	4.4	20	< 0.0835	< 0.0835	< 0.0835	< 0.0835	< 0.0835	< 0.0835	< 0.0835	< 0.0835	< 0.0835	-
Molybdenum	-	-	3,500	< 0.25	**1.52**	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	**0.403**	< 0.25	-
Nickel	3400	64,000	2,000	**5.48**	**20.6**	**5.57**	**1.96**	**6.98**	**3.1**	**7.61**	**5.23**	**5.98**	-
Selenium	-	-	100	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	-
Silver	-	-	500	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	-
Thallium	-	-	700	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	< 0.75	-
Vanadium	-	-	2,400	**47.1**	**26.4**	**32.8**	**25.4**	**30.9**	**29.5**	**41.8**	**18.4**	**32.6**	-
Zinc	-	-	5,000	**29.7**	**371**	**19.2**	**81.5**	**27.2**	**89.8**	**35**	**88.2**	**17.4**	-
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
Aroclor-1221 (PCB-1221)	-	0.53	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
Aroclor-1232 (PCB-1232)	-	0.49	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
Aroclor-1242 (PCB-1242)	-	0.58	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
Aroclor-1248 (PCB-1248)	-	0.58	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
Aroclor-1254 (PCB-1254)	-	0.59	-	< 0.05	**0.23**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
Aroclor-1260 (PCB-1260)	-	0.6	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
Aroclor-1262 (PCB-1262)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	130	0.58	50	< 0.05	**0.23**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	-
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	-	-	-

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PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	160	0.2	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

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SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	**0.38**	< 0.015	< 0.015	< 0.015	< 0.015	**0.029**	**0.039**	< 0.015	-
Acenaphthylene	-	-	-	-	**3.5**	< 0.03	< 0.03	< 0.03	**0.085**	< 0.03	**2**	< 0.03	-
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	**0.28**	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**0.21**	< 0.01	-
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	**4.9**	< 0.01	**0.058**	< 0.01	**0.12**	< 0.01	**2.5**	< 0.01	-
Benzo(a)pyrene	14	1.3	-	-	**7.2**	**0.014**	**0.084**	< 0.01	**0.3**	< 0.01	**3.6**	< 0.01	-
Benzo(b)fluoranthene	-	13	-	-	**4.4**	< 0.01	**0.11**	< 0.01	**0.21**	< 0.01	**2.9**	< 0.01	-
Benzo(g,h,i)perylene	-	-	-	-	**4.5**	**0.011**	**0.094**	< 0.01	**0.25**	< 0.01	**2.4**	< 0.01	-
Benzo(k)fluoranthene	-	210,000	-	-	**3.2**	< 0.01	**0.13**	< 0.01	**0.18**	< 0.01	**1.7**	**0.012**	-
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	**9**	**0.016**	**0.19**	< 0.01	**0.31**	< 0.01	**5.4**	**0.025**	-
Dibenz(a,h)anthracene	-	0.31	-	-	**1.9**	< 0.01	**0.051**	< 0.01	**0.27**	< 0.01	**1.6**	< 0.01	-
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	**7.1**	< 0.01	**0.066**	< 0.01	**0.24**	< 0.01	**5.3**	< 0.01	-
Fluorene	-	17,000	-	-	**0.5**	< 0.01	< 0.01	< 0.01	**0.04**	**0.013**	**0.86**	< 0.01	-
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	**3.9**	< 0.01	**0.11**	< 0.01	**0.19**	< 0.01	**2.1**	**0.012**	-
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	**1.1**	< 0.015	< 0.015	< 0.015	**0.058**	**0.12**	**0.69**	< 0.015	-
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	**3.1**	< 0.01	**0.02**	< 0.01	**0.11**	< 0.01	**4.6**	< 0.01	-
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	**16**	**0.02**	**0.18**	< 0.01	**0.55**	< 0.01	**11**	**0.011**	-
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

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TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Total Petroleum Hydrocarbons (C7)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Total Petroleum Hydrocarbons (C8)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	**22**	< 5	-
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	**35**	< 5	-
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	< 5	< 250	< 5	< 5	< 5	**6**	< 5	**64**	< 5	-
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	**45**	< 5	-
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	< 5	< 250	< 5	< 5	< 5	**7.2**	< 5	**47**	< 5	-
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	< 5	**290**	< 5	< 5	< 5	**12**	< 5	**66**	< 5	-
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	< 5	**380**	< 5	< 5	< 5	**13**	< 5	**47**	< 5	-
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	< 5	< 250	< 5	< 5	< 5	**7.2**	< 5	**33**	< 5	-
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	< 5	< 250	< 5	< 5	< 5	**8.1**	< 5	**25**	< 5	-
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	< 5	**1300**	< 5	**13**	**6.8**	**64**	< 5	**400**	< 5	-
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Diesel C9-C16 (calculated)	5,400	97	-	< 5	< 250	< 5	< 5	< 5	< 5	< 5	< 10	< 5	-
Oil C17-C32 (calculated)	7,300	2,400	-	< 5	**290**	< 5	< 5	< 5	**25.2**	< 5	**279**	< 5	-
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,1-Trichloroethane	1.7	7,200	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2-Trichloroethane	0.04	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethane	0.56	16	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethene	0.071	350	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2,3-Trichlorobenzene	-	300	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2,3-Trichloropropane	-	0.021	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2,4-Trimethylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	28	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	0.0028	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	UT-03 SSS00281 (UT-03-05) 4/22/2013 5 (ft)	UT-18 SSS00310 (UT-18-01) 4/22/2013 1 (ft)	UT-18 SSS00311 (UT-18-05) 4/22/2013 5 (ft)	UT-19 SSS00312 (UT-19-01) 4/23/2013 1 (ft)	UT-19 SSS00313 (UT-19-05) 4/23/2013 5 (ft)	UT-20 SSS00314 (UT-20-01) 4/23/2013 1 (ft)	UT-20 SSS00315 (UT-20-05) 4/23/2013 5 (ft)	UT-21 SSS00316 (UT-21-01) 4/23/2013 1 (ft)	UT-21 SSS00317 (UT-21-05) 4/23/2013 5 (ft)	UT-22 SSS00320 (UT-22-01) 4/23/2013 1 (ft)
VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,3-Dichlorobenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,3-Dichloropropane	-	2,200	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2,2-Dichloropropane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	-	2,500	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Hexanone	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	-	2,300	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acetone	-	-	-	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromobenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	-	1.3	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	-	86	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Carbon disulfide	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	-	2.9	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	2	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobromomethane	-	4.1	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform (Trichloromethane)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane (Methyl Chloride)	-	-	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
cis-1,2-Dichloroethene	4.9	84	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,3-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dibromochloromethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dibromomethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
m,p-Xylenes	6	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Tert Butyl Ether	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene chloride	0.019	26	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	-	6.5	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Butylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	UT-03 SSS00281 (UT-03-05) 4/22/2013 5 (ft)	UT-18 SSS00310 (UT-18-01) 4/22/2013 1 (ft)	UT-18 SSS00311 (UT-18-05) 4/22/2013 5 (ft)	UT-19 SSS00312 (UT-19-01) 4/23/2013 1 (ft)	UT-19 SSS00313 (UT-19-05) 4/23/2013 5 (ft)	UT-20 SSS00314 (UT-20-01) 4/23/2013 1 (ft)	UT-20 SSS00315 (UT-20-05) 4/23/2013 5 (ft)	UT-21 SSS00316 (UT-21-01) 4/23/2013 1 (ft)	UT-21 SSS00317 (UT-21-05) 4/23/2013 5 (ft)	UT-22 SSS00320 (UT-22-01) 4/23/2013 1 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	6	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	2.1	2.7	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.44	5,300	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	0.17	600	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,3-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	27	6[3]	2,040	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl acetate	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl chloride	13	0.15	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	UT-22 SSS00321 (UT-22-05) 4/23/2013 5 (ft)	UT-23 SSS00322 (UT-23-01) 4/23/2013 1 (ft)	UT-23 SSS00323 (UT-23-05) 4/23/2013 5 (ft)	UT-24 SSS00324 (UT-24-01) 4/23/2013 1 (ft)	UT-24 SSS00325 (UT-24-05) 4/23/2013 5 (ft)	UT-25 SSS00420 (UT-25-01A) 4/23/2013 1 (ft)	UT-25 SSS00326 (UT-25-01) 4/29/2013 1 (ft)	UT-25 SSS00327 (UT-25-05) 4/29/2013 5 (ft)	UT-66 SSS00318 (UT-66-01) 4/23/2013 1 (ft)	UT-66 SSS00319 (UT-66-05) 4/23/2013 5 (ft)
Metals (mg/kg)	GPL	DTSC	TTLC										
Antimony	7.84	-	500	-	-	-	-	-	-	-	-	< 0.75	< 0.75
Arsenic	24.3	0.36/8[2]	500	-	-	-	-	-	-	-	-	**5.66**	**2.25**
Barium	43000	-	10,000	-	-	-	-	-	-	-	-	**79.2**	**75.8**
Beryllium	-	6,900	75	-	-	-	-	-	-	-	-	**0.318**	**0.382**
Cadmium	970	4,000	100	-	-	-	-	-	-	-	-	**0.915**	< 0.5
Chromium	660	-	2,500	-	-	-	-	-	-	-	-	**13.6**	**12.5**
Chromium VI (Hexavalent)	30	6.2	500	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	8,000	-	-	-	-	-	-	-	-	**8.48**	**5.87**
Copper	5600	-	2,500	-	-	-	-	-	-	-	-	**34.7**	**6.05**
Lead	232	320	1,000	-	-	-	-	-	-	-	-	**31.5**	**4.3**
Mercury	2.1	4.4	20	-	-	-	-	-	-	-	-	< 0.0835	< 0.0835
Molybdenum	-	-	3,500	-	-	-	-	-	-	-	-	< 0.25	< 0.25
Nickel	3400	64,000	2,000	-	-	-	-	-	-	-	-	**7.29**	**5.8**
Selenium	-	-	100	-	-	-	-	-	-	-	-	< 0.75	< 0.75
Silver	-	-	500	-	-	-	-	-	-	-	-	< 0.25	< 0.25
Thallium	-	-	700	-	-	-	-	-	-	-	-	< 0.75	< 0.75
Vanadium	-	-	2,400	-	-	-	-	-	-	-	-	**36.2**	**30.5**
Zinc	-	-	5,000	-	-	-	-	-	-	-	-	**148**	**25.7**
		-											
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	17	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1221 (PCB-1221)	-	0.53	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1232 (PCB-1232)	-	0.49	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1242 (PCB-1242)	-	0.58	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1248 (PCB-1248)	-	0.58	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1254 (PCB-1254)	-	0.59	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1260 (PCB-1260)	-	0.6	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1262 (PCB-1262)	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	130	0.58	50	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
		-											
PEST (mg/kg)													
4,4'-DDD	-	6.2	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	9.3	1.0	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	7.1	1.0	-	-	-	-	-	-	-	-	-	-
Aldrin	-	0.18	1.4	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	0.24	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	0.82	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	6.1	2.5	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	0.093	8.0	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	6,000	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	UT-22 SSS00321 (UT-22-05) 4/23/2013 5 (ft)	UT-23 SSS00322 (UT-23-01) 4/23/2013 1 (ft)	UT-23 SSS00323 (UT-23-05) 4/23/2013 5 (ft)	UT-24 SSS00324 (UT-24-01) 4/23/2013 1 (ft)	UT-24 SSS00325 (UT-24-05) 4/23/2013 5 (ft)	UT-25 SSS00420 (UT-25-01A) 4/23/2013 1 (ft)	UT-25 SSS00326 (UT-25-01) 4/29/2013 1 (ft)	UT-25 SSS00327 (UT-25-05) 4/29/2013 5 (ft)	UT-66 SSS00318 (UT-66-01) 4/23/2013 1 (ft)	UT-66 SSS00319 (UT-66-05) 4/23/2013 5 (ft)
PEST (mg/kg)		-											
Endosulfan II	-	6,000	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	11,000	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	160	0.2	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	2	4.0	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	0.63	4.7	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	0.33	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	2600	100	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	1.2	5	-	-	-	-	-	-	-	-	-	-
		-											
SVOCs (mg/kg)													
1,2,4-Trichlorobenzene	0.818	35	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	28	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	-	30	-	-	-	-	-	-	-	-	-	-	-
2,2'-oxybis(2-Chloropropane)	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	21	-	-	-	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	-	1,600	-	-	-	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	-	11,000	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrophenol	-	1,100	-	-	-	-	-	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	-	-	-	-	-	-	-	-	-	-	-
2,6-Dichlorophenol	-	4.7	-	-	-	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	-	0.99	-	-	-	-	-	-	-	-	-	-	-
2-Chloronaphthalene	-	27,000	-	-	-	-	-	-	-	-	-	-	-
2-Chlorophenol	-	3,900	-	-	-	-	-	-	-	-	-	-	-
2-Methylnaphthalene	-	1,300	-	-	-	-	-	-	-	-	-	-	-
2-Methylphenol (o-Cresol)	-	26,000	-	-	-	-	-	-	-	-	-	-	-
2-Nitroaniline	-	5,200	-	-	-	-	-	-	-	-	-	-	-
2-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	0.93	-	-	-	-	-	-	-	-	-	-	-
3-Nitroaniline	-	-	-	-	-	-	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	-	42	-	-	-	-	-	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
4-Chloroaniline	-	7.4	-	-	-	-	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Nitroaniline	-	74	-	-	-	-	-	-	-	-	-	-	-
4-Nitrophenol	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	UT-22 SSS00321 (UT-22-05) 4/23/2013 5 (ft)	UT-23 SSS00322 (UT-23-01) 4/23/2013 1 (ft)	UT-23 SSS00323 (UT-23-05) 4/23/2013 5 (ft)	UT-24 SSS00324 (UT-24-01) 4/23/2013 1 (ft)	UT-24 SSS00325 (UT-24-05) 4/23/2013 5 (ft)	UT-25 SSS00420 (UT-25-01A) 4/23/2013 1 (ft)	UT-25 SSS00326 (UT-25-01) 4/29/2013 1 (ft)	UT-25 SSS00327 (UT-25-05) 4/29/2013 5 (ft)	UT-66 SSS00318 (UT-66-01) 4/23/2013 1 (ft)	UT-66 SSS00319 (UT-66-05) 4/23/2013 5 (ft)
SVOCs (mg/kg)		-											
Acenaphthene	-	23,000	-	-	-	-	-	-	-	-	-	< 0.015	< 0.015
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	**1.2**	< 0.03
Aniline	-	260	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	130,000	-	-	-	-	-	-	-	-	-	**0.048**	< 0.01
Azobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	-	0.003	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	12	-	-	-	-	-	-	-	-	-	**0.75**	< 0.01
Benzo(a)pyrene	14	1.3	-	-	-	-	-	-	-	-	-	**1.3**	< 0.01
Benzo(b)fluoranthene	-	13	-	-	-	-	-	-	-	-	-	**0.85**	< 0.01
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	**0.8**	< 0.01
Benzo(k)fluoranthene	-	210,000	-	-	-	-	-	-	-	-	-	**0.54**	< 0.01
Benzoic acid	-	2,100,000	-	-	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	-	53,000	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	-	1,600	-	-	-	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	-	0.47	-	-	-	-	-	-	-	-	-	-	-
bis(2-Ethylhexyl)phthalate	57	110	-	-	-	-	-	-	-	-	-	-	-
Butyl benzylphthalate	-	780	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	1,300	-	-	-	-	-	-	-	-	-	**1.6**	< 0.01
Dibenz(a,h)anthracene	-	0.31	-	-	-	-	-	-	-	-	-	**0.59**	< 0.01
Dibenzofuran	-	650	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	-	420,000	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butylphthalate	-	53,000	-	-	-	-	-	-	-	-	-	-	-
Di-n-octyl phthalate	-	5,300	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	18,000	-	-	-	-	-	-	-	-	-	**2**	< 0.01
Fluorene	-	17,000	-	-	-	-	-	-	-	-	-	**0.24**	< 0.01
Hexachlorobenzene	-	0.86	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	13	-	-	-	-	-	-	-	-	-	**0.7**	< 0.01
Isophorone	-	1,600	-	-	-	-	-	-	-	-	-	-	-
m,p-Cresols	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	-	6.5	-	-	-	-	-	-	-	-	-	**0.79**	< 0.015
Nitrobenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodimethylamine	-	0.53	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	-	0.21	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodiphenylamine	-	300	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	0.0717	2	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	**1.4**	< 0.01
Phenol	-	160,000	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	13,000	-	-	-	-	-	-	-	-	-	**3.8**	< 0.01
Pyridine	-	530	-	-	-	-	-	-	-	-	-	-	-

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CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	UT-22 SSS00321 (UT-22-05) 4/23/2013 5 (ft)	UT-23 SSS00322 (UT-23-01) 4/23/2013 1 (ft)	UT-23 SSS00323 (UT-23-05) 4/23/2013 5 (ft)	UT-24 SSS00324 (UT-24-01) 4/23/2013 1 (ft)	UT-24 SSS00325 (UT-24-05) 4/23/2013 5 (ft)	UT-25 SSS00420 (UT-25-01A) 4/23/2013 1 (ft)	UT-25 SSS00326 (UT-25-01) 4/29/2013 1 (ft)	UT-25 SSS00327 (UT-25-05) 4/29/2013 5 (ft)	UT-66 SSS00318 (UT-66-01) 4/23/2013 1 (ft)	UT-66 SSS00319 (UT-66-05) 4/23/2013 5 (ft)
TPH (mg/kg)													
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C6)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C7)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C8)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C9-C10)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C11-C12)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C13-C14)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C15-C16)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C17-C18)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C19-C20)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C21-C22)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**5.3**	< 5
Total Petroleum Hydrocarbons (C23-C24)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C25-C28)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C29-C32)	-	-	-	-	< 5	< 5	< 5	< 5	**6.6**	< 5	< 5	**6.8**	< 5
Total Petroleum Hydrocarbons (C33-C36)	-	-	-	-	< 5	< 5	< 5	< 5	**6.8**	< 5	< 5	**5.6**	< 5
Total Petroleum Hydrocarbons (C37-C40)	-	-	-	-	< 5	< 5	< 5	< 5	**5.1**	< 5	< 5	**9.8**	< 5
Total Petroleum Hydrocarbons (C41-C44)	-	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons (C6-C44)	-	-	-	-	< 5	< 5	< 5	< 5	**23**	< 5	< 5	**42**	< 5
Total Petroleum Hydrocarbons (C10-C28) Diesel	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (C10-C28) DRO	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Petroleum Hydrocarbons (>C28-C44)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gasoline C6-C8 (calculated)	2,900	-	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Diesel C9-C16 (calculated)	5,400	97	-	-	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Oil C17-C32 (calculated)	7,300	2,400	-	-	< 5	< 5	< 5	< 5	**6.6**	< 5	< 5	**12.1**	< 5
		-											
VOCs (mg/kg)													
1,1,1,2-Tetrachloroethane	-	8.8	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,1-Trichloroethane	1.7	7,200	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2,2-Tetrachloroethane	-	2.7	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1,2-Trichloroethane	0.04	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethane	0.56	16	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloroethene	0.071	350	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,1-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2,3-Trichlorobenzene	-	300	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2,3-Trichloropropane	-	0.021	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	0.818	35	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2,4-Trimethylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dibromo-3-chloropropane (DBCP)	-	0.057	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,2-Dibromoethane (Ethylene Dibromide)	-	0.16	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	28	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloroethane	0.0028	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichloropropane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

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VOCs (mg/kg)		-											
1,3,5-Trimethylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,3-Dichlorobenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,3-Dichloropropane	-	2,200	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	0.23	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2,2-Dichloropropane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Butanone (Methyl Ethyl Ketone)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	-	2,500	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
2-Hexanone	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Phenylbutane (sec-Butylbenzene)	-	12,000	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
4-Chlorotoluene	-	2,300	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acetone	-	-	-	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	0.019	1.4	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromobenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	-	1.3	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromoform	-	86	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane (Methyl Bromide)	-	-	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Carbon disulfide	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbon tetrachloride	-	2.9	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobenzene	2	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chlorobromomethane	-	4.1	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloroform (Trichloromethane)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Chloromethane (Methyl Chloride)	-	-	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
cis-1,2-Dichloroethene	4.9	84	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,3-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
cis-1,4-Dichloro-2-butene	-	-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	1,600	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dibromochloromethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dibromomethane	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Dichlorodifluoromethane (CFC-12)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Diisopropyl ether (DIPE)	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	7.7	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hexachlorobutadiene	-	5.3	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
m,p-Xylenes	6	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methyl Tert Butyl Ether	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Methylene chloride	0.019	26	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	-	6.5	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
n-Butylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005

TABLE 2
SUMMARY OF VADOSE ZONE SOIL DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	GPL (mg/kg)	Comm/Ind DTSC-SL[1](mg/kg)	TTLC (mg/kg)	UT-22 SSS00321 (UT-22-05) 4/23/2013 5 (ft)	UT-23 SSS00322 (UT-23-01) 4/23/2013 1 (ft)	UT-23 SSS00323 (UT-23-05) 4/23/2013 5 (ft)	UT-24 SSS00324 (UT-24-01) 4/23/2013 1 (ft)	UT-24 SSS00325 (UT-24-05) 4/23/2013 5 (ft)	UT-25 SSS00420 (UT-25-01A) 4/23/2013 1 (ft)	UT-25 SSS00326 (UT-25-01) 4/29/2013 1 (ft)	UT-25 SSS00327 (UT-25-05) 4/29/2013 5 (ft)	UT-66 SSS00318 (UT-66-01) 4/23/2013 1 (ft)	UT-66 SSS00319 (UT-66-05) 4/23/2013 5 (ft)
VOCs (mg/kg)		-											
n-Propylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
o-Xylene	6	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
PHC as Gasoline	5,400	97	-	-	-	-	-	-	-	-	-	-	-
Styrene	-	32,000	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tert-Amyl Methyl Ether (TAME)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Alcohol (tert-Butanol)	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Butyl Ethyl Ether (ETBE)	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Tetrachloroethene	2.1	2.7	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	0.44	5,300	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,2-Dichloroethene	0.17	600	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
trans-1,3-Dichloropropene	-	-	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichloroethene	27	6[3]	2,040	< 0.005	< 0.005	**0.059**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Trichlorofluoromethane (CFC-11)	-	5,400	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Trifluorotrichloroethane (Freon 113)	6.4	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl acetate	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Vinyl chloride	13	0.15	-	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (total)	6	-	-	-	-	-	-	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above
reported detection limit.
No COPC in soil exceeded its Total Threshold Limit Concentration (TTLC).
< = analyte not detected above the indicated
reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.
GPL: Groundwater Protection Level (Haley & Aldrich 2014a, 2014b)
DTSC-SL: Commercial/Industrial Department of Toxic Substances Control-Screening Level, HHRA Note 3, June 2020.
TTLC: Total Threshold Limit Concentration, CCR Title 22 Section 66261.24
[1] Cancer Endpoint. If there is no Cancer Endpoint, the Noncancer Endpoint is noted.
[2] Site background
[3] U.S. EPA Region 9 Remediation Screening Level

TABLE 3
SUMMARY OF SUB-SLAB SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	Vapor ESL: Commercial/ Industrial Cancer Risk	B29-V03 B29-SV03-1' 5/23/2018 1 (ft)	B29-V04 B29-SV04-1' 5/23/2018 1 (ft)	B29-V05 B29-V05-1' 5/22/2018 1 (ft)	B29-V06 B29-SV06-1' 5/23/2018 1 (ft)	B29-V07 B29-SV07-1' 5/23/2018 1 (ft)	B29-V08 B29-SV08-1' 5/24/2018 1 (ft)	B29-V09 B29-V09-1' 5/22/2018 1 (ft)	B29-V10 B29-V10-1' 5/22/2018 1 (ft)
VOCs (µg/m3)									
1,1,1,2-Tetrachloroethane	55	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane		< 28	< 28	**46**	< 28	< 28	< 28	**110**	< 28
1,1,2,2-Tetrachloroethane	7	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	26	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55
1,1-Dichloroethane	260	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
1,1-Dichloroethene		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,1-Difluoroethane		< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
1,2,4-Trichlorobenzene		< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dibromoethane (Ethylene Dibromide)	0.68	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene		< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,2-Dichloroethane	16	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
1,2-Dichloropropane	41	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)		< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichlorobenzene		< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dichlorobenzene	37	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
2-Butanone (Methyl Ethyl Ketone)		< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60
2-Hexanone		< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
4-Ethyl toluene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
Benzene	14	**49**	< 16	**27**	< 16	< 16	< 16	< 16	< 16
Bromodichloromethane	11	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68
Bromoform	370	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)		< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
Carbon disulfide		< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32
Carbon tetrachloride	68	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Chlorobenzene		< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23
Chloroethane		< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
Chloroform (Trichloromethane)	18	**12000**	< 25	< 25	< 25	**240**	< 25	**170**	< 25
Chloromethane (Methyl Chloride)		< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
cis-1,2-Dichloroethene		**250**	< 40	< 40	< 40	< 40	< 40	< 40	< 40
cis-1,3-Dichloropropene		< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Dibromochloromethane		< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86
Dichlorodifluoromethane (CFC-12)		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene	160	< 22	< 22	**47**	< 22	< 22	< 22	< 22	< 22

TABLE 3
SUMMARY OF SUB-SLAB SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	Vapor ESL: Commercial/ Industrial Cancer Risk	B29-V03 B29-SV03-1' 5/23/2018 1 (ft)	B29-V04 B29-SV04-1' 5/23/2018 1 (ft)	B29-V05 B29-V05-1' 5/22/2018 1 (ft)	B29-V06 B29-SV06-1' 5/23/2018 1 (ft)	B29-V07 B29-SV07-1' 5/23/2018 1 (ft)	B29-V08 B29-SV08-1' 5/24/2018 1 (ft)	B29-V09 B29-V09-1' 5/22/2018 1 (ft)	B29-V10 B29-V10-1' 5/22/2018 1 (ft)
VOCs (µg/m3)									
Hexachlorobutadiene	19	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110
m,p-Xylenes		< 44	< 44	**190**	< 44	**88**	< 44	< 44	< 44
Methylene chloride	410	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35
o-Xylene		< 22	< 22	**53**	< 22	**31**	< 22	< 22	< 22
Styrene		< 43	< 43	< 43	**110**	< 43	**52**	**52**	**92**
Tetrachloroethene	67	**150**	**210**	**220**	< 34	**2200**	**80**	< 34	< 34
Toluene		< 38	< 38	**180**	**44**	**46**	< 38	< 38	< 38
trans-1,2-Dichloroethene		**82**	< 40	< 40	< 40	< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene		< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Trichloroethene	100	**920000**	**7500**	< 27	< 27	**7800**	**130**	**11000**	**120**
Trichlorofluoromethane (CFC-11)		< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)		< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77
Vinyl chloride	5.2	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit,
2019 San Francisco Bay Regional Water Quality Control Board Vapor ESLs
Cells shaded gray = concentration detected at or above the Vapor ESL

Abbreviations:
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
ESL = Environmental Screening Level
µg/m3 = micrograms per cubic meter.

TABLE 3
SUMMARY OF SUB-SLAB SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	Vapor ESL: Commercial/ Industrial Cancer Risk	B29-V11 B29-V11-1' 5/22/2018 1 (ft)	B29-V12 B29-V12-1' 5/22/2018 1 (ft)	B29-V13 B29-V13-1' 5/22/2018 1 (ft)	B29-V14 B29-V14-1' 5/22/2018 1 (ft)	B29-V15 B29-V15-1' 5/22/2018 1 (ft)	B29-V16 B29-V16-1' 5/22/2018 1 (ft)	B29-V17 B29-V17-1' 5/22/2018 1 (ft)	B29-V18 B29-V18-1' Rep 5/22/2018 1 (ft)
VOCs (µg/m3)									
1,1,1,2-Tetrachloroethane	55	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane		< 28	< 28	< 28	**46**	< 28	**790**	< 28	< 28
1,1,2,2-Tetrachloroethane	7	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	26	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55
1,1-Dichloroethane	260	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
1,1-Dichloroethene		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,1-Difluoroethane		< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
1,2,4-Trichlorobenzene		< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dibromoethane (Ethylene Dibromide)	0.68	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene		< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,2-Dichloroethane	16	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
1,2-Dichloropropane	41	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)		< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichlorobenzene		< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dichlorobenzene	37	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
2-Butanone (Methyl Ethyl Ketone)		< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60
2-Hexanone		< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
4-Ethyl toluene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
Benzene	14	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16
Bromodichloromethane	11	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68
Bromoform	370	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)		< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
Carbon disulfide		< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32
Carbon tetrachloride	68	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Chlorobenzene		< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23
Chloroethane		< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
Chloroform (Trichloromethane)	18	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Chloromethane (Methyl Chloride)		< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
cis-1,2-Dichloroethene		< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
cis-1,3-Dichloropropene		< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Dibromochloromethane		< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86
Dichlorodifluoromethane (CFC-12)		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene	160	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22

TABLE 3
SUMMARY OF SUB-SLAB SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	Vapor ESL: Commercial/ Industrial Cancer Risk	B29-V11 B29-V11-1' 5/22/2018 1 (ft)	B29-V12 B29-V12-1' 5/22/2018 1 (ft)	B29-V13 B29-V13-1' 5/22/2018 1 (ft)	B29-V14 B29-V14-1' 5/22/2018 1 (ft)	B29-V15 B29-V15-1' 5/22/2018 1 (ft)	B29-V16 B29-V16-1' 5/22/2018 1 (ft)	B29-V17 B29-V17-1' 5/22/2018 1 (ft)	B29-V18 B29-V18-1' Rep 5/22/2018 1 (ft)
VOCs (µg/m3)									
Hexachlorobutadiene	19	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110
m,p-Xylenes		< 44	< 44	< 44	< 44	< 44	< 44	< 44	< 44
Methylene chloride	410	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35
o-Xylene		< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Styrene		**66**	**53**	**74**	**65**	**64**	< 43	**110**	**62**
Tetrachloroethene	67	< 34	< 34	< 34	< 34	< 34	**340**	< 34	**54**
Toluene		< 38	< 38	< 38	< 38	< 38	< 38	< 38	< 38
trans-1,2-Dichloroethene		< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene		< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Trichloroethene	100	< 27	< 27	< 27	< 27	< 27	**16000**	**43**	< 27
Trichlorofluoromethane (CFC-11)		< 56	< 56	< 56	< 56	**60**	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)		< 77	< 77	< 77	< 77	< 77	**320**	< 77	< 77
Vinyl chloride	5.2	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit,
2019 San Francisco Bay Regional Water Quality Control Board Vapor ESLs
Cells shaded gray = concentration detected at or above the Vapor ESL

Abbreviations:
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
ESL = Environmental Screening Level
µg/m3 = micrograms per cubic meter.

TABLE 3
SUMMARY OF SUB-SLAB SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	Vapor ESL: Commercial/ Industrial Cancer Risk	B29-V18 B29-V18-1' 5/22/2018 1 (ft)	B29-V19 B29-V19-1' 5/22/2018 1 (ft)	B99-V01 B99-SV01-1' 5/25/2018 1 (ft)	B99-V02 B99-SV02-1' 5/25/2018 1 (ft)	B99-V03 B99-SV03-1' 5/25/2018 1 (ft)	B99-V04 B99-SV04-1' 5/25/2018 1 (ft)	B99-V05 B99-SV05-1' 5/25/2018 1 (ft)	B99-V06 B99-SV06-1' 5/25/2018 1 (ft)
VOCs (µg/m3)									
1,1,1,2-Tetrachloroethane	55	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane		< 28	**480**	< 28	< 28	< 28	< 28	< 28	< 28
1,1,2,2-Tetrachloroethane	7	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	26	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55
1,1-Dichloroethane	260	< 41	**53**	< 41	< 41	< 41	< 41	< 41	< 41
1,1-Dichloroethene		< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,1-Difluoroethane		< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
1,2,4-Trichlorobenzene		< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dibromoethane (Ethylene Dibromide)	0.68	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene		< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,2-Dichloroethane	16	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
1,2-Dichloropropane	41	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)		< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichlorobenzene		< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dichlorobenzene	37	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
2-Butanone (Methyl Ethyl Ketone)		< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60
2-Hexanone		< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
4-Ethyl toluene		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
Benzene	14	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16
Bromodichloromethane	11	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68
Bromoform	370	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)		< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
Carbon disulfide		< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32
Carbon tetrachloride	68	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Chlorobenzene		< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23
Chloroethane		< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
Chloroform (Trichloromethane)	18	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Chloromethane (Methyl Chloride)		< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
cis-1,2-Dichloroethene		< 40	**1300**	< 40	< 40	< 40	< 40	< 40	< 40
cis-1,3-Dichloropropene		< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Dibromochloromethane		< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86
Dichlorodifluoromethane (CFC-12)		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene	160	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22

TABLE 3
SUMMARY OF SUB-SLAB SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	Vapor ESL: Commercial/ Industrial Cancer Risk	B29-V18 B29-V18-1' 5/22/2018 1 (ft)	B29-V19 B29-V19-1' 5/22/2018 1 (ft)	B99-V01 B99-SV01-1' 5/25/2018 1 (ft)	B99-V02 B99-SV02-1' 5/25/2018 1 (ft)	B99-V03 B99-SV03-1' 5/25/2018 1 (ft)	B99-V04 B99-SV04-1' 5/25/2018 1 (ft)	B99-V05 B99-SV05-1' 5/25/2018 1 (ft)	B99-V06 B99-SV06-1' 5/25/2018 1 (ft)
VOCs (µg/m3)									
Hexachlorobutadiene	19	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110
m,p-Xylenes		< 44	< 44	< 44	< 44	< 44	< 44	< 44	< 44
Methylene chloride	410	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35
o-Xylene		< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Styrene		**48**	**99**	**80**	**61**	**64**	< 43	**82**	**63**
Tetrachloroethene	67	**57**	< 34	< 34	< 34	< 34	< 34	< 34	< 34
Toluene		< 38	< 38	< 38	< 38	< 38	< 38	< 38	< 38
trans-1,2-Dichloroethene		< 40	**150**	< 40	< 40	< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene		< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Trichloroethene	100	**42**	**9800**	< 27	< 27	< 27	< 27	**32**	< 27
Trichlorofluoromethane (CFC-11)		< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)		< 77	**1900**	< 77	< 77	< 77	< 77	< 77	< 77
Vinyl chloride	5.2	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit,
2019 San Francisco Bay Regional Water Quality Control Board Vapor ESLs
Cells shaded gray = concentration detected at or above the Vapor ESL

Abbreviations:
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
ESL = Environmental Screening Level
µg/m3 = micrograms per cubic meter.

TABLE 3
SUMMARY OF SUB-SLAB SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	Vapor ESL: Commercial/ Industrial Cancer Risk	B100-V01 B100-SV01-1' 5/25/2018 1 (ft)	B100-V02 B100-SV02-1' 5/25/2018 1 (ft)	B100-V03 B100-SV03-1' Rep 5/25/2018 1 (ft)	B100-V03 B100-SV03-1' 5/25/2018 1 (ft)
VOCs (µg/m3)					
1,1,1,2-Tetrachloroethane	55	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane		< 28	< 28	< 28	< 28
1,1,2,2-Tetrachloroethane	7	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	26	< 55	< 55	< 55	< 55
1,1-Dichloroethane	260	< 41	< 41	< 41	< 41
1,1-Dichloroethene		< 20	< 20	< 20	< 20
1,1-Difluoroethane		< 27	< 27	< 27	< 27
1,2,4-Trichlorobenzene		< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene		< 50	< 50	< 50	< 50
1,2-Dibromoethane (Ethylene Dibromide)	0.68	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene		< 61	< 61	< 61	< 61
1,2-Dichloroethane	16	< 21	< 21	< 21	< 21
1,2-Dichloropropane	41	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)		< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene		< 50	< 50	< 50	< 50
1,3-Dichlorobenzene		< 61	< 61	< 61	< 61
1,4-Dichlorobenzene	37	< 61	< 61	< 61	< 61
2-Butanone (Methyl Ethyl Ketone)		< 60	< 60	< 60	< 60
2-Hexanone		< 41	< 41	< 41	< 41
4-Ethyl toluene		< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		< 41	< 41	< 41	< 41
Benzene	14	< 16	< 16	< 16	< 16
Bromodichloromethane	11	< 68	< 68	< 68	< 68
Bromoform	370	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)		< 39	< 39	< 39	< 39
Carbon disulfide		< 32	< 32	< 32	< 32
Carbon tetrachloride	68	< 13	< 13	< 13	< 13
Chlorobenzene		< 23	< 23	< 23	< 23
Chloroethane		< 27	< 27	< 27	< 27
Chloroform (Trichloromethane)	18	< 25	< 25	< 25	< 25
Chloromethane (Methyl Chloride)		< 21	< 21	< 21	< 21
cis-1,2-Dichloroethene		< 40	< 40	< 40	< 40
cis-1,3-Dichloropropene		< 46	< 46	< 46	< 46
Dibromochloromethane		< 86	< 86	< 86	< 86
Dichlorodifluoromethane (CFC-12)		< 50	< 50	< 50	< 50
Ethylbenzene	160	< 22	< 22	< 22	< 22

TABLE 3
SUMMARY OF SUB-SLAB SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location Sample Name Sample Date Sample Depth	Vapor ESL: Commercial/ Industrial Cancer Risk	B100-V01 B100-SV01-1' 5/25/2018 1 (ft)	B100-V02 B100-SV02-1' 5/25/2018 1 (ft)	B100-V03 B100-SV03-1' Rep 5/25/2018 1 (ft)	B100-V03 B100-SV03-1' 5/25/2018 1 (ft)
VOCs (µg/m3)					
Hexachlorobutadiene	19	< 110	< 110	< 110	< 110
m,p-Xylenes		< 44	< 44	< 44	< 44
Methylene chloride	410	< 35	< 35	< 35	< 35
o-Xylene		< 22	< 22	< 22	< 22
Styrene		< 43	**69**	< 43	< 43
Tetrachloroethene	67	< 34	< 34	< 34	< 34
Toluene		< 38	< 38	< 38	< 38
trans-1,2-Dichloroethene		< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene		< 46	< 46	< 46	< 46
Trichloroethene	100	**30**	< 27	< 27	< 27
Trichlorofluoromethane (CFC-11)		< 56	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)		< 77	< 77	< 77	< 77
Vinyl chloride	5.2	< 13	< 13	< 13	< 13

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit,
2019 San Francisco Bay Regional Water Quality Control Board Vapor ESLs
Cells shaded gray = concentration detected at or above the Vapor ESL

Abbreviations:
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
ESL = Environmental Screening Level
µg/m3 = micrograms per cubic meter.

TABLE 4
SUMMARY OF DEEPER SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location		B29-V01	B29-V01	B29-V01	B29-V02	B29-V02	B29-V03	B29-V04	B29-V05	B29-V05	B29-V06	B29-V06	B29-V07
Sample Name	Vapor ESL:	B29-SV01-5'	B29-SV01-5' Rep	B29-SV01-10'	B29-SV02-5'	B29-SV02-10'	B29-SV03-5'	B29-SV04-5'	B29-SV05-5'	B29-SV05-10'	B29-SV06-5'	B29-SV06-5' Rep	B29-SV07-5'
start depth	Commercial/	5	5	10	5	10	5	5	5	10	5	5	5
Sample Date	Industrial Cancer Risk	5/24/2018	5/24/2018	5/25/2018	5/24/2018	5/24/2018	5/24/2018	5/23/2018	5/23/2018	5/23/2018	5/23/2018	5/23/2018	5/23/2018
Sample Depth		5 (ft)	5 (ft)	10 (ft)	5 (ft)	10 (ft)	5 (ft)	5 (ft)	5 (ft)	10 (ft)	5 (ft)	5 (ft)	5 (ft)
VOCs (µg/m^3)													
1,1,1,2-Tetrachloroethane	55	< 70	< 70	< 70	< 700	< 70	< 17000	< 700	< 70	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane		**45**	**40**	< 28	**280**	< 28	< 6900	< 280	**59**	**37**	**69**	**50**	**140**
1,1,2,2-Tetrachloroethane	7	< 70	< 70	< 70	< 700	< 70	< 17000	< 700	< 70	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	26	< 55	< 55	< 55	< 550	< 55	< 14000	< 550	< 55	< 55	< 55	< 55	< 55
1,1-Dichloroethane	260	< 41	< 41	< 41	< 410	< 41	< 10000	< 410	< 41	< 41	< 41	< 41	< 41
1,1-Dichloroethene		< 20	< 20	< 20	< 200	< 20	< 5000	< 200	< 20	< 20	< 20	< 20	< 20
1,1-Difluoroethane		< 27	< 27	< 27	< 270	< 27	< 6800	< 270	< 27	< 27	< 27	< 27	< 27
1,2,3-Trichloropropane		-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene		< 75	< 75	< 75	< 750	< 75	< 19000	< 750	< 75	< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene		**110**	**77**	< 50	< 500	< 50	< 12000	< 500	< 50	< 50	< 50	< 50	< 50
1,2-Dibromoethane (Ethylene Dibromide)	0.68	< 39	< 39	< 39	< 390	< 39	< 9700	< 390	< 39	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene		< 61	< 61	< 61	< 610	< 61	< 15000	< 610	< 61	< 61	< 61	< 61	< 61
1,2-Dichloroethane	16	< 21	< 21	< 21	< 210	< 21	< 5100	< 210	< 21	< 21	< 21	< 21	< 21
1,2-Dichloropropane	41	< 47	< 47	< 47	< 470	< 47	< 12000	< 470	< 47	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)		< 71	< 71	< 71	< 710	< 71	< 18000	< 710	< 71	< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene		< 50	< 50	< 50	< 500	< 50	< 12000	< 500	< 50	< 50	< 50	< 50	< 50
1,3-Butadiene		-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene		< 61	< 61	< 61	< 610	< 61	< 15000	< 610	< 61	< 61	< 61	< 61	< 61
1,4-Dichlorobenzene	37	< 61	< 61	< 61	< 610	< 61	< 15000	< 610	< 61	< 61	< 61	< 61	< 61
1,4-Dioxane	53	-	-	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane		-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)		**77**	< 60	< 60	< 600	**79**	< 15000	< 600	< 60	< 60	< 60	< 60	< 60
2-Hexanone		< 41	< 41	< 41	< 410	< 41	< 10000	< 410	< 41	< 41	< 41	< 41	< 41
2-Phenylbutane (sec-Butylbenzene)		-	-	-	-	-	-	-	-	-	-	-	-
4-Ethyl toluene		**100**	< 50	< 50	< 500	< 50	< 12000	< 500	< 50	< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		< 41	< 41	< 41	< 410	< 41	< 10000	< 410	< 41	< 41	< 41	< 41	< 41
Acetone		-	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride		-	-	-	-	-	-	-	-	-	-	-	-
Benzene	14	**130**	**140**	< 16	**950**	**41**	< 4000	< 160	**78**	**31**	**34**	**29**	**69**
Benzyl Chloride		-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	11	< 68	< 68	< 68	< 680	< 68	< 17000	< 680	< 68	< 68	< 68	< 68	< 68
Bromoform	370	< 100	< 100	< 100	< 1000	< 100	< 26000	< 1000	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)		< 39	< 39	< 39	< 390	< 39	< 9900	< 390	< 39	< 39	< 39	< 39	< 39
Carbon disulfide		**130**	**140**	< 32	**1300**	< 32	< 7900	< 320	< 32	< 32	< 32	< 32	< 32
Carbon tetrachloride	68	< 13	< 13	< 13	< 130	< 13	< 3200	< 130	< 13	< 13	< 13	< 13	< 13
Chlorobenzene		< 23	< 23	< 23	< 230	< 23	< 5900	< 230	< 23	< 23	< 23	< 23	< 23
Chloroethane		< 27	< 27	< 27	< 270	< 27	< 6700	< 270	< 27	< 27	< 27	< 27	< 27
Chloroform (Trichloromethane)	18	**56**	**48**	**56**	< 250	< 25	**39000**	< 250	< 25	< 25	< 25	< 25	**1500**
Chloromethane (Methyl Chloride)		< 21	< 21	< 21	< 210	< 21	< 5200	< 210	< 21	< 21	< 21	< 21	< 21
cis-1,2-Dichloroethene		< 40	< 40	< 40	< 400	< 40	< 10000	< 400	< 40	< 40	< 40	< 40	< 40

TABLE 4
SUMMARY OF DEEPER SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location		B29-V01	B29-V01	B29-V01	B29-V02	B29-V02	B29-V03	B29-V04	B29-V05	B29-V05	B29-V06	B29-V06	B29-V07
Sample Name	Vapor ESL:	B29-SV01-5'	B29-SV01-5' Rep	B29-SV01-10'	B29-SV02-5'	B29-SV02-10'	B29-SV03-5'	B29-SV04-5'	B29-SV05-5'	B29-SV05-10'	B29-SV06-5'	B29-SV06-5' Rep	B29-SV07-5'
start depth	Commercial/	5	5	10	5	10	5	5	5	10	5	5	5
Sample Date	Industrial Cancer Risk	5/24/2018	5/24/2018	5/25/2018	5/24/2018	5/24/2018	5/24/2018	5/23/2018	5/23/2018	5/23/2018	5/23/2018	5/23/2018	5/23/2018
Sample Depth		5 (ft)	5 (ft)	10 (ft)	5 (ft)	10 (ft)	5 (ft)	5 (ft)	5 (ft)	10 (ft)	5 (ft)	5 (ft)	5 (ft)
VOCs (µg/m^3)													
cis-1,3-Dichloropropene		< 46	< 46	< 46	< 460	< 46	< 12000	< 460	< 46	< 46	< 46	< 46	< 46
Cyclohexane		-	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)		-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane		< 86	< 86	< 86	< 860	< 86	< 22000	< 860	< 86	< 86	< 86	< 86	< 86
Dichlorodifluoromethane (CFC-12)		< 50	< 50	< 50	< 500	< 50	< 13000	< 500	< 50	< 50	< 50	< 50	< 50
Ethyl acetate		-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	160	**160**	**120**	**25**	**780**	**37**	< 5500	< 220	**41**	< 22	< 22	**23**	< 22
Hexachlorobutadiene	19	< 110	< 110	< 110	< 1100	< 110	< 27000	< 1100	< 110	< 110	< 110	< 110	< 110
Hexane		-	-	-	-	-	-	-	-	-	-	-	-
Isobutane		-	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)		-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)		-	-	-	-	-	-	-	-	-	-	-	-
m,p-Xylenes		**550**	**410**	**61**	**1900**	**74**	< 11000	< 440	**140**	< 44	< 44	< 44	**64**
Methyl Tert Butyl Ether	1600	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	410	< 35	< 35	< 35	< 350	< 35	< 8800	< 350	< 35	< 35	< 35	< 35	< 35
Naphthalene	12	-	-	-	-	-	-	-	-	-	-	-	-
N-Heptane		-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene		-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene		**140**	**110**	**27**	**640**	**28**	< 5500	< 220	**38**	< 22	< 22	< 22	< 22
Propylene (Propene)		-	-	-	-	-	-	-	-	-	-	-	-
Styrene		**200**	**230**	**78**	**2100**	**110**	< 11000	< 430	< 43	**110**	**120**	**100**	< 43
Tetrachloroethene	67	**83**	**61**	**36**	**780**	**84**	< 8600	**430**	**160**	**180**	< 34	< 34	**11000**
Tetrahydrofuran		-	-	-	-	-	-	-	-	-	-	-	-
Toluene		**700**	**590**	**100**	**3900**	**170**	< 9500	< 380	**280**	**84**	**98**	**81**	**230**
trans-1,2-Dichloroethene		< 40	< 40	< 40	< 400	< 40	< 10000	< 400	< 40	< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene		< 46	< 46	< 46	< 460	< 46	< 12000	< 460	< 46	< 46	< 46	< 46	< 46
Trichloroethene	100	**450**	**450**	**3400**	**1500**	**64**	**3000000**	**27000**	< 27	< 27	**120**	**100**	**51000**
Trichlorofluoromethane (CFC-11)		< 56	< 56	< 56	< 560	< 56	< 14000	< 560	< 56	< 56	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)		< 77	< 77	< 77	< 770	< 77	< 19000	< 770	< 77	< 77	< 77	< 77	< 77
Vinyl acetate		-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)		-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	5.2	< 13	< 13	< 13	< 130	< 13	< 3200	< 130	< 13	< 13	< 13	< 13	< 13

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit,
2019 San Francisco Bay Regional Water Quality Control Board Vapor ESLs
Cells shaded gray = concentration detected at or above the Vapor ESL

Abbreviations:
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
ESL = Environmental Screening Level
µg/m^3 = micrograms per cubic meter.

TABLE 4
SUMMARY OF DEEPER SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location		B29-V08	B29-V08	PW-01B	PW-02	PW-03	PW-03	PW-04	PW-05	PW-06	PW-07	PW-08	PW-09
Sample Name	Vapor ESL:	B29-SV08-5'	B29-SV08-10'	PW01B-SV-5	PW02-SV-5	PW03-SV-5	PW03-SV-5DUP	PW04-SV-5	PW05-SV-4	PW06-SV-3.5	PW07-SV-4	PW08-SV-5	PW09-SV-4.5
start depth	Commercial/	5	10	5	5	5	5	5	4	3.5	4	5	4.5
Sample Date	Industrial Cancer Risk	5/24/2018	5/24/2018	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/30/2020
Sample Depth		5 (ft)	10 (ft)	5 - 5 (ft)	5 - 5 (ft)	5 - 5 (ft)	5 - 5 (ft)	5 - 5 (ft)	4 - 4 (ft)	3.5 - 3.5 (ft)	4 - 4 (ft)	5 - 5 (ft)	4.5 - 4.5 (ft)
VOCs (µg/m^3)													
1,1,1,2-Tetrachloroethane	55	< 1400	< 1400	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane		< 550	< 550	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	**38**	< 16	**120**
1,1,2,2-Tetrachloroethane	7	< 1400	< 1400	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,1,2-Trichloroethane	26	< 1100	< 1100	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,1-Dichloroethane	260	< 820	< 820	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,1-Dichloroethene		< 400	< 400	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,1-Difluoroethane		< 550	< 550	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,2,4-Trichlorobenzene		< 1500	< 1500	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,2,4-Trimethylbenzene		< 1000	< 1000	**610**	< 2400	< 2400	< 2400	**110**	< 2400	**600**	**120**	**530**	**140**
1,2-Dibromoethane (Ethylene Dibromide)	0.68	< 780	< 780	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,2-Dichlorobenzene		< 1200	< 1200	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,2-Dichloroethane	16	< 410	< 410	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,2-Dichloropropane	41	< 940	< 940	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,2-Dichlorotetrafluoroethane (CFC 114)		< 1400	< 1400	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,3,5-Trimethylbenzene		< 1000	< 1000	**220**	< 2400	< 2400	< 2400	**48**	< 2400	< 400	**48**	**270**	< 80
1,3-Butadiene		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,3-Dichlorobenzene		< 1200	< 1200	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,4-Dichlorobenzene	37	< 1200	< 1200	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
1,4-Dioxane	53	-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
2,2,4-Trimethylpentane		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
2-Butanone (Methyl Ethyl Ketone)		< 1200	< 1200	< 40	< 6000	< 6000	< 6000	< 40	< 6000	< 1000	< 40	< 40	< 200
2-Hexanone		< 830	< 830	< 40	< 6000	< 6000	< 6000	< 40	< 6000	< 1000	< 40	< 40	< 200
2-Phenylbutane (sec-Butylbenzene)		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
4-Ethyl toluene		< 1000	< 1000	**130**	< 2400	< 2400	< 2400	**26**	< 2400	< 400	**22**	**160**	< 80
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		< 830	< 830	< 40	< 6000	< 6000	< 6000	< 40	< 6000	< 1000	< 40	< 40	< 200
Acetone		-	-	< 40	< 6000	< 6000	< 6000	< 40	< 6000	< 1000	< 40	< 40	< 200
Allyl chloride		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Benzene	14	< 320	< 320	< 16	< 2400	< 2400	< 2400	**38**	< 2400	< 400	< 16	**75**	< 80
Benzyl Chloride		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Bromodichloromethane	11	< 1400	< 1400	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	**140**
Bromoform	370	< 2100	< 2100	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Bromomethane (Methyl Bromide)		< 790	< 790	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Carbon disulfide		< 630	< 630	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Carbon tetrachloride	68	< 260	< 260	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Chlorobenzene		< 470	< 470	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Chloroethane		< 540	< 540	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Chloroform (Trichloromethane)	18	< 490	< 490	< 16	**18000**	**6800**	**7100**	**52**	**16000**	**1600**	**160**	**32**	**410**
Chloromethane (Methyl Chloride)		< 410	< 410	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
cis-1,2-Dichloroethene		< 800	< 800	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80

TABLE 4
SUMMARY OF DEEPER SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location		B29-V08	B29-V08	PW-01B	PW-02	PW-03	PW-03	PW-04	PW-05	PW-06	PW-07	PW-08	PW-09
Sample Name	Vapor ESL:	B29-SV08-5'	B29-SV08-10'	PW01B-SV-5	PW02-SV-5	PW03-SV-5	PW03-SV-5DUP	PW04-SV-5	PW05-SV-4	PW06-SV-3.5	PW07-SV-4	PW08-SV-5	PW09-SV-4.5
start depth	Commercial/	5	10	5	5	5	5	5	4	3.5	4	5	4.5
Sample Date	Industrial Cancer Risk	5/24/2018	5/24/2018	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/31/2020	7/30/2020
Sample Depth		5 (ft)	10 (ft)	5 - 5 (ft)	5 - 5 (ft)	5 - 5 (ft)	5 - 5 (ft)	5 - 5 (ft)	4 - 4 (ft)	3.5 - 3.5 (ft)	4 - 4 (ft)	5 - 5 (ft)	4.5 - 4.5 (ft)
VOCs (µg/m^3)													
cis-1,3-Dichloropropene		< 920	< 920	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Cyclohexane		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Cymene (p-Isopropyltoluene)		-	-	**79**	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	**80**	< 80
Dibromochloromethane		< 1700	< 1700	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Dichlorodifluoromethane (CFC-12)		< 1000	< 1000	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Ethyl acetate		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Ethylbenzene	160	< 440	< 440	**150**	< 2400	< 2400	< 2400	**78**	< 2400	< 400	**28**	**340**	< 80
Hexachlorobutadiene	19	< 2100	< 2100	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Hexane		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Isobutane		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Isopropyl Alcohol (2-Propanol)		-	-	< 40	< 6000	< 6000	< 6000	< 40	< 6000	< 1000	< 40	< 40	< 200
Isopropylbenzene (Cumene)		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	**33**	< 80
m,p-Xylenes		< 880	< 880	**670**	< 2400	< 2400	< 2400	**320**	< 2400	**1100**	**130**	**1300**	**200**
Methyl Tert Butyl Ether	1600	-	-	< 40	< 6000	< 6000	< 6000	< 40	< 6000	< 1000	< 40	< 40	< 200
Methylene chloride	410	< 710	< 710	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Naphthalene	12	-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
N-Heptane		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
n-Propylbenzene		-	-	**80**	< 2400	< 2400	< 2400	**20**	< 2400	< 400	< 16	**120**	< 80
o-Xylene		< 440	< 440	**240**	< 2400	< 2400	< 2400	**82**	< 2400	< 400	**40**	**360**	< 80
Propylene (Propene)		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Styrene		< 860	< 860	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Tetrachloroethene	67	**2200**	**1600**	< 16	< 2400	< 2400	< 2400	**47**	**5800**	< 400	**330**	**96**	< 80
Tetrahydrofuran		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Toluene		< 760	< 760	**230**	< 2400	< 2400	< 2400	**260**	< 2400	**510**	**51**	**670**	**150**
trans-1,2-Dichloroethene		< 800	< 800	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
trans-1,3-Dichloropropene		< 920	< 920	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Trichloroethene	100	**2100**	**1500**	**140**	**2900000**	**1100000**	**1100000**	**1400**	**2400000**	**160000**	**7600**	**54**	**14000**
Trichlorofluoromethane (CFC-11)		< 1100	< 1100	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Trifluorotrichloroethane (Freon 113)		< 1500	< 1500	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Vinyl acetate		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Vinyl Bromide (Bromoethene)		-	-	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80
Vinyl chloride	5.2	< 260	< 260	< 16	< 2400	< 2400	< 2400	< 16	< 2400	< 400	< 16	< 16	< 80

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit,
2019 San Francisco Bay Regional Water Quality Control Board Vapor ESLs
Cells shaded gray = concentration detected at or above the Vapor ESL

Abbreviations:
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
ESL = Environmental Screening Level
µg/m^3 = micrograms per cubic meter.

TABLE 4
SUMMARY OF DEEPER SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location		PW-11	PW-12	PW-13	PW-14	PW-14	PW-15	PW-16
Sample Name	Vapor ESL:	PW11-SV-3	PW12-SV-3	PW13-SV-4	PW14-SV-4	PW14-SV-4DUP	PW15-SV-4.5	PW16-SV-5
start depth	Commercial/	3	3	4	4	4	4.5	5
Sample Date	Industrial Cancer Risk	7/30/2020	7/30/2020	7/30/2020	7/30/2020	7/30/2020	7/30/2020	7/30/2020
Sample Depth		3 - 3 (ft)	3 - 3 (ft)	4 - 4 (ft)	4 - 4 (ft)	4 - 4 (ft)	4.5 - 4.5 (ft)	5 - 5 (ft)
VOCs (µg/m^3)								
1,1,1,2-Tetrachloroethane	55	-	-	-	-	-	-	-
1,1,1-Trichloroethane		< 2	< 2	**12**	< 800	< 1600	**1100**	**35**
1,1,2,2-Tetrachloroethane	7	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,1,2-Trichloroethane	26	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,1-Dichloroethane	260	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,1-Dichloroethene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,1-Difluoroethane		-	-	-	-	-	-	-
1,2,3-Trichloropropane		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,2,4-Trichlorobenzene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,2,4-Trimethylbenzene		**110**	**400**	**500**	< 800	< 1600	< 200	**490**
1,2-Dibromoethane (Ethylene Dibromide)	0.68	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,2-Dichlorobenzene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,2-Dichloroethane	16	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,2-Dichloropropane	41	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,2-Dichlorotetrafluoroethane (CFC 114)		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,3,5-Trimethylbenzene		**67**	**180**	**180**	< 800	< 1600	< 200	**180**
1,3-Butadiene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,3-Dichlorobenzene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,4-Dichlorobenzene	37	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
1,4-Dioxane	53	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
2,2,4-Trimethylpentane		< 2	**12**	**3.9**	< 800	< 1600	< 200	< 2
2-Butanone (Methyl Ethyl Ketone)		< 5	< 5	< 5	< 2000	< 4000	< 500	< 5
2-Hexanone		< 5	< 5	< 5	< 2000	< 4000	< 500	< 5
2-Phenylbutane (sec-Butylbenzene)		< 2	**8.1**	< 2	< 800	< 1600	< 200	**4.5**
4-Ethyl toluene		**29**	**110**	**94**	< 800	< 1600	< 200	**55**
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		< 5	< 5	< 5	< 2000	< 4000	< 500	< 5
Acetone		**51**	**59**	**43**	< 2000	< 4000	< 500	< 5
Allyl chloride		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Benzene	14	**10**	**36**	**8**	< 800	< 1600	< 200	**7.6**
Benzyl Chloride		< 2	< 2	**9.8**	< 800	< 1600	< 200	< 2
Bromodichloromethane	11	**16**	**17**	< 2	< 800	< 1600	< 200	< 2
Bromoform	370	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Bromomethane (Methyl Bromide)		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Carbon disulfide		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Carbon tetrachloride	68	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Chlorobenzene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Chloroethane		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Chloroform (Trichloromethane)	18	**14**	**20**	**26**	< 800	< 1600	< 200	**5.8**
Chloromethane (Methyl Chloride)		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
cis-1,2-Dichloroethene		< 2	< 2	**3.8**	**4300**	**4400**	< 200	< 2

TABLE 4
SUMMARY OF DEEPER SOIL VAPOR DATA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location		PW-11	PW-12	PW-13	PW-14	PW-14	PW-15	PW-16
Sample Name	Vapor ESL:	PW11-SV-3	PW12-SV-3	PW13-SV-4	PW14-SV-4	PW14-SV-4DUP	PW15-SV-4.5	PW16-SV-5
start depth	Commercial/	3	3	4	4	4	4.5	5
Sample Date	Industrial Cancer Risk	7/30/2020	7/30/2020	7/30/2020	7/30/2020	7/30/2020	7/30/2020	7/30/2020
Sample Depth		3 - 3 (ft)	3 - 3 (ft)	4 - 4 (ft)	4 - 4 (ft)	4 - 4 (ft)	4.5 - 4.5 (ft)	5 - 5 (ft)
VOCs (µg/m^3)								
cis-1,3-Dichloropropene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Cyclohexane		< 2	**3.6**	< 2	< 800	< 1600	< 200	< 2
Cymene (p-Isopropyltoluene)		**8.8**	**63**	**53**	< 800	< 1600	< 200	**27**
Dibromochloromethane		**12**	**9.5**	< 2	< 800	< 1600	< 200	< 2
Dichlorodifluoromethane (CFC-12)		< 2	< 2	**17**	< 800	< 1600	< 200	< 2
Ethyl acetate		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Ethylbenzene	160	**50**	**150**	**81**	< 800	< 1600	< 200	**61**
Hexachlorobutadiene	19	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Hexane		**5.9**	**11**	**3.6**	< 800	< 1600	< 200	< 2
Isobutane		**5.1**	< 2	< 2	< 800	< 1600	< 200	< 2
Isopropyl Alcohol (2-Propanol)		< 5	< 5	< 5	< 2000	< 4000	< 500	< 5
Isopropylbenzene (Cumene)		**5.9**	**20**	**11**	< 800	< 1600	< 200	**7.7**
m,p-Xylenes		**160**	**710**	**400**	< 800	< 1600	< 200	**310**
Methyl Tert Butyl Ether	1600	< 5	< 5	< 5	< 2000	< 4000	< 500	< 5
Methylene chloride	410	< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Naphthalene	12	< 2	< 2	< 2	< 800	< 1600	< 200	**6.3**
N-Heptane		**4.9**	**12**	**4.2**	< 800	< 1600	< 200	< 2
n-Propylbenzene		**19**	**87**	**59**	< 800	< 1600	< 200	**36**
o-Xylene		**70**	**200**	**140**	< 800	< 1600	< 200	**99**
Propylene (Propene)		**7.5**	**30**	< 2	< 800	< 1600	< 200	< 2
Styrene		**14**	**19**	< 2	< 800	< 1600	< 200	**10**
Tetrachloroethene	67	**16**	**1500**	**4.7**	< 800	< 1600	< 200	**16**
Tetrahydrofuran		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Toluene		**89**	**350**	**98**	< 800	< 1600	< 200	**120**
trans-1,2-Dichloroethene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
trans-1,3-Dichloropropene		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Trichloroethene	100	**5.9**	**35**	**91**	**64000**	**64000**	**13000**	**25**
Trichlorofluoromethane (CFC-11)		< 2	< 2	**94**	< 800	< 1600	< 200	**6.7**
Trifluorotrichloroethane (Freon 113)		**5.6**	< 2	< 2	< 800	< 1600	**740**	**72**
Vinyl acetate		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Vinyl Bromide (Bromoethene)		< 2	< 2	< 2	< 800	< 1600	< 200	< 2
Vinyl chloride	5.2	< 2	< 2	< 2	< 800	< 1600	< 200	< 2

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit,
2019 San Francisco Bay Regional Water Quality Control Board Vapor ESLs
Cells shaded gray = concentration detected at or above the Vapor ESL

Abbreviations:
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
ESL = Environmental Screening Level
µg/m^3 = micrograms per cubic meter.

TABLE 5

INDOOR AIR SCREENING RESULTS - BREATHING ZONE IN BUILDING 29

ROHR, INC. - PARCEL A

CHULA VISTA, CALIFORNIA

Screening Location	Location Description	February 2019		September 2018		Comments
		TVOC[1] (ppbv)	TCE[2] (µg/m^3)	TVOC[1] (ppbv)	TCE[2] (µg/m^3)	
V03	Occupied northern portion of building, Column 18/19	50-500	**114**	50-500	4.2	Utility trench nearby, adjacent to crack in slab (sealed prior to February), flammables storage cabinets nearby, organic odors, vaulted floor along northern wall. Rollup door open in September and closed in February. In February, TCE was remeasured two days later (121 µg/m^3).
V03-020	Occupied northern portion of building, Column 18/19	500-5,000	--	50-500	--	Crack next to flammables cabinet
V03-021	Dock, Column 19	10-50	--	50-500	--	
V04	Occupied northern portion of building, Column 18/19	50-500	**40**	50-500	5.5	Utility trench nearby, wall fans operating, vaulted floor along northern wall. Rollup door open in September and closed in February. In February, TCE was remeasured two days later (31 µg/m^3).
NDT1	Occupied northern portion of building, Column 16/17	50-500	4.7	50-500	0.16	Passive roof wind turbine, flammables storage cabinet nearby.
V05-027	Machine Shop, Column 17	50-500	--	50-500	--	
V05-028	Outside hallway to women's restroom, Column 15	50-500	--	50-500	--	
V05-029	Hallway outside men's restroom, Column 15	500-5,000	2.8	500-5,000	0.25	Stuffy, drop ceiling, slight organic odor. Exhaust fans on in men's restroom. Near metallurgy lab and utility room.

TABLE 5

INDOOR AIR SCREENING RESULTS - BREATHING ZONE IN BUILDING 29

ROHR, INC. - PARCEL A

CHULA VISTA, CALIFORNIA

Screening Location	Location Description	February 2019		September 2018		Comments
		TVOC[1] (ppbv)	TCE[2] (µg/m^3)	TVOC[1] (ppbv)	TCE[2] (µg/m^3)	
V06-025	Machine Shop, Column 16	50-500	--	50-500	--	
V07	Occupied northern portion of building, Column 17	50-500	5.2	50-500	1.4	Organic odors, rollup door open in September and closed in February.
V08-018	Detail Fab Shop spray booth area, Column 16	50-500	**8.6**	50-500	1.8	Rollup door open in September and closed in February. Sample collected from breathing zone above metal plate labeled "drain." Hole was welded shut prior to February sampling. In February, TCE was remeasured two days later (6.2 µg/m^3).
V09M	Vacant, Column 16	50-500	5.3	50-500	0.023	Rollup door closed, passive roof ventilation only.
14-29-20	Vacant, Column 15	50-500	6.7	50-500	<0.54	Rollup door closed, passive roof ventilation only. In February, hydraulic oil drum storage near sampling location.
V10-015	NDT Lab, Column 16/17	50-500	--	50-500	--	
V11-012	Vacant, Column 12	10-50	--	50-500	--	Above expansion joint
V12-008	Mezzanine A, Column 1/2	<10	--	50-500	--	
V13	Vacant, Column 12	10-50	5.9	50-500	0.024	Rollup door closed, passive roof ventilation only.
V14	Vacant, Column 8/9	10-50	1.8	50-500	0.024	Rollup door closed, passive roof ventilation only.
V15-009	Vacant, Column 7	10-50	--	50-500	--	
V16	Vacant, Column 4/5	<10	1.6	50-500	0.019	Rollup door closed, passive roof ventilation only.
V17-003	Vacant, Column 4	10-50	--	50-500	--	
V17-004	Vacant, Column 4	10-50	--	50-500	--	

TABLE 5

INDOOR AIR SCREENING RESULTS - BREATHING ZONE IN BUILDING 29

ROHR, INC. - PARCEL A

CHULA VISTA, CALIFORNIA

Screening Location	Location Description	February 2019		September 2018		Comments
		TVOC[1] (ppbv)	TCE[2] (µg/m^3)	TVOC[1] (ppbv)	TCE[2] (µg/m^3)	
V17-006	Mezzanine A, Column 1/2	<10	--	50-500	--	
V17-007	Mezzanine A, Column 1	<10	--	50-500	--	
F3/UV	Storage/Vacant, Column 2/3	<10	1.6	50-500	0.016	Indoor fans operating in September but off in February.
V18-001	Column B/C-2/3	10-50	--	50-500	--	
V19	Vacant, Column 3	10-50	1.5	50-500	0.012	Rollup door intermittently opened in September but closed in February. Organic odors noted in February.
B29-052	Metallurgy lab, fume hood area, Column B/C-16	50-500	2.2	>5,000	2.0	Fume hood fan operating.
B29-053	Metallurgy lab, tile walkway, Column C-16	50-500	2.0	>5,000	--	
B29-054	Occupied northern portion of building, Column G/H-17	50-500	**9.5**	--	--	Rollup door closed
B29-055	Occupied northern portion of building, Column I/J-18	50-500	**37**	--	--	Rollup door closed
B29-056	Occupied northern portion of building, Near Door 29-B	50-500	**19**	--	--	Rollup door closed
B29-057	Occupied northern portion of building, Column E-18	50-500	4.8	--	--	Rollup door closed

TABLE 5

INDOOR AIR SCREENING RESULTS - BREATHING ZONE IN BUILDING 29

ROHR, INC. - PARCEL A

CHULA VISTA, CALIFORNIA

Screening Location	Location Description	February 2019		September 2018		Comments
		TVOC[1] (ppbv)	TCE[2] (µg/m^3)	TVOC[1] (ppbv)	TCE[2] (µg/m^3)	
Ambient Outdoor Air						
B29-OUT01	Ambient outdoor air, near Door 29-15	<10	0.75	<10	0.031	
B29-OUT02	Ambient outdoor air, near Door 29-21	<10	0.23	<10	0.35	
B29-OUT02	Ambient outdoor air, near Door 29-21	10-50	1.2	<10	0.19	
B29-OUT02	Ambient outdoor air, near Door 29-21	--	--	<10	1.1	
B29-OUT03	Ambient outdoor air, near Door 29-19	50-500	0.50	--	--	

Notes:

µg/m^3 = micrograms per cubic meter

ppbv = parts per billion by volume

[1]TVOC = total volatile organic compounds measured using ppbRAE Photoionization Detector

[2]TCE = trichloroethene measured using HAPSITE Mass Spectrometer/Gas Chromatograph

Bold and gray shading indicates that the TCE concentration is greater than or equal to the US EPA Region 9 Interim TCE Indoor Air Response Level

TCE concentrations less than 0.54 µg/m^3 or greater than 107 µg/m^3 are outside the instrument's calibration range and should be considered estimated.

TABLE 6

INDOOR AIR SCREENING RESULTS - PREFERENTIAL PATHWAYS IN BUILDING 29
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Screening Location	Location Description	February 2019		September 2018		Comments
		TVOC[1] (ppbv)	TCE[2] (µg/m^3)	TVOC[1] (ppbv)	TCE[2] (µg/m^3)	
V03-019	Occupied northern portion of building, Column 18/19	>5,000	121	500-5,000	599	Sample collected inside crack in slab. Crack was sealed prior to February sampling. Rollup door closed in February. In February, TCE was remeasured two days later (72 µg/m^3).
V03-022	Dock, Column 19	10-50	--	50-500	--	
V03-023	Dock, Column 19	10-50	--	50-500	--	
V03-024	Dock, Column 19	10-50	--	50-500	--	
V06-026	Machine Shop, Column 16	50-500	--	50-500	--	Floor drain
V08-017	Detail Fab Shop spray booth area, Column 16	50-500	9.6	500-5,000	352	Sample collected inside hole in metal plate labeled "drain." Hole was welded closed prior to February 2019 sampling. Rollup door closed. In February, TCE was remeasured two days later (6.0 µg/m^3).
V10-016	NDT Lab, Column 16	50-500	--	50-500	--	Along base of wall
V11-013	Vacant, Column 12	10-50	--	50-500	--	Floor utility box
V11-014	Vacant, Column 15/16	50-500	--	50-500	--	Floor trench
V12-010	Vacant, Column 9	10-50	--	50-500	--	Floor drain
V12-011	Vacant, Column 9	10-50	--	50-500	--	Expansion joint
V17-005	Vacant, Column 4	10-50	--	50-500	--	Expansion joint
V18-002	Column C/D-3	10-50	--	50-500	--	
B29-051	Metallurgy lab, fume hood sink drain, Column B/C-16	50-500	2.2	>5,000	1.6	Fume hood fan operating

Notes:

µg/m^3 = micrograms per cubic meter

ppbv = parts per billion by volume

[1]TVOC = total volatile organic compounds measured using ppbRAE Photoionization Detector

[2]TCE = trichloroethene measured using HAPSITE Mass Spectrometer/Gas Chromatograph

TCE concentrations less than 0.54 µg/m^3 or greater than 107 µg/m^3 are outside the instrument's calibration range and should be considered estimated.

TABLE 7

SUMMARY OF VADOSE SOIL SCREENING CRITERIA EXCEEDANCES
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Boring ID	COPC Concentration Above Screening Criterion		
	GPL	DTSC-SL Commercial/Industrial[1]	TTLC
B29-02		As	
B29-03		As	
B29-03A		As	
B29-03B		As	
B29-05		PCBs	
B29-07		As	
B29-07A	As		
B29-07B		As	
B29-12		DahA	
B29-23	TCE	TCE	
B29-24		TCE	
BB-23			DDE
UT-02*		PCBs	
UT-03*		As	
UT-18*		BaP, DahA	
UT-21*		BaP, DahA	
UT-66*		BaP, DahA	
Total No. of Locations Above Screening Criterion	**2**	**15**	**1**

Notes:

No other VOCs, SVOCs, OCPs, or metals were above their respective screening criteria.
GPL = Groundwater Protection Level
DTSC-SL = Department of Toxic Substances Control Screening Level
TTLC = Total Threshold Limit Concentration
As = Arsenic
BaP = Benzo(a)pyrene
DahA = Dibenz(a,h)anthracene
DDE = 4,4'-DDE
TCE = Trichloroethene
PCBs = Total Polychorinated Biphenyls

[1] Arsenic is compared to background established for the Former South Campus (8 mg/kg).

* Boring not located on Rohr property (adjacent railroad right-of-way).

TABLE 8
SUMMARY OF SUB-SLAB/SOIL VAPOR ESL EXCEEDANCES
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	TCE	PCE	Chloroform	Benzene	BDCM	Ethylbenzene
Sub-Slab Soil Vapor:						
B29-V03	●	●	●	●		
B29-V04	●	●				
B29-V05		●		●		
B29-V07	●	●	●			
B29-V08	●	●				
B29-V09	●	●	●			
B29-V10	●					
B29-V16	●	●				
B29-V19	●					
Total No. of Sub-Slab Above Vapor ESL	**8**	**7**	**3**	**2**	**0**	**0**
Deeper Soil Vapor:						
B29-V01	●	●	●	●		
B29-V02	●	●		●		
B29-V03	●		●			
B29-V04		●				
B29-V05				●		
B29-V06	●			●		
B29-V07	●	●	●	●		
B29-V08	●	●				

TABLE 8

SUMMARY OF SUB-SLAB/SOIL VAPOR ESL EXCEEDANCES
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	TCE	PCE	Chloroform	Benzene	BDCM	Ethylbenzene
Deeper Soil Vapor:						
PW-01B	●					
PW-02	●		●			
PW-03	●		●			
PW-04	●		●	●		
PW-05	●	●	●			
PW-06	●		●			
PW-07	●	●	●			
PW-08			●	●		
PW-09	●				●	●
PW-11			●		●	
PW-12		●	●	●	●	
PW-14	●					
PW-15	●					
Total No. of Deeper Vapor Above Vapor ESL	**15**	**8**	**12**	**8**	**3**	**1**

Notes:

TCE = Trichloroethene

PCE = Tetrachlorethene

BDCM = Bromodichloromethane

Vapor ESL: San Francisco Bay Regional Water Quality Control Board's commercial/industrial sub-slab/soil gas Vapor Environmental Screening Level, 2019 (Rev. 2)

FIGURES

MAP SOURCE: ESRI
USGS QUAD: NATIONAL CITY, IMPERIAL BEACH
SITE COORDINATES: 32°38'03.8"N, 117°05'56.9"W

HALEY ALDRICH

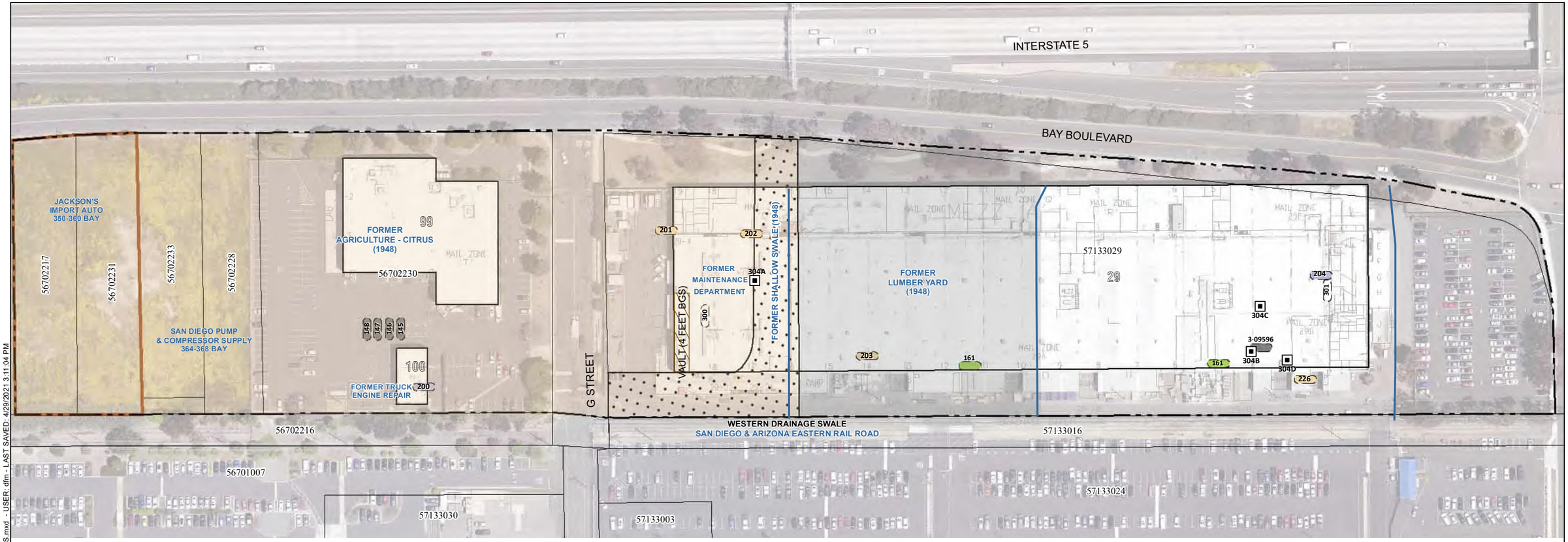
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SITE LOCUS

APPROXIMATE SCALE: 1 IN = 2,000 FT
MARCH 2021

FIGURE 1

\\haleyaldrich.com\share\sdg_common\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0001_SITE_LOCUS.mxd



LEGEND

- FORMER MILLS/LATHES
- FORMER VESSELS AND VAULTS
- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- STORM WATER CONVEYANCE SYSTEM
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- 56701029 — ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- FORMER EXCAVATION AREA
- SHALLOW SWALE (1948)
- SUBJECT SITE
- 29 — BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 125 250
SCALE IN FEET

HALEY ALDRICH

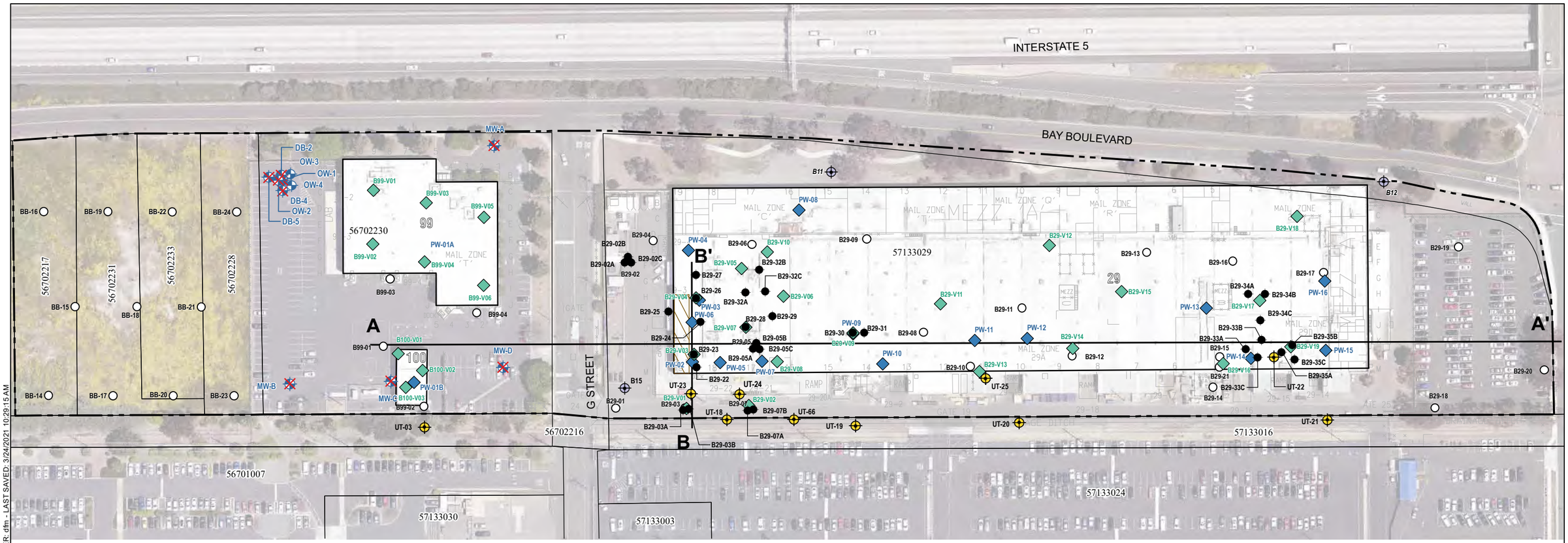
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

HISTORICAL ENVIRONMENTAL SITE FEATURES

APRIL 2021

FIGURE 2

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0002_HISTORICAL_FEATURES_LOCATIONS.mxd - USER: dfm - LAST SAVED: 4/29/2021 3:11:04 PM



LEGEND

- EXISTING MONITORING WELL
- DESTROYED MONITORING WELL/TRANSDUCER
- 2020 BORING LOCATION
- 2016 BORING LOCATION
- 2013 BORING LOCATION
- OTHER HISTORICAL BORING LOCATION
- 2018 SOIL VAPOR PROBE
- GSI 2020 SOIL VAPOR PROBE AND/OR SOIL BORING
- CROSS SECTION LINE
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 125 250
SCALE IN FEET

HALEY ALDRICH

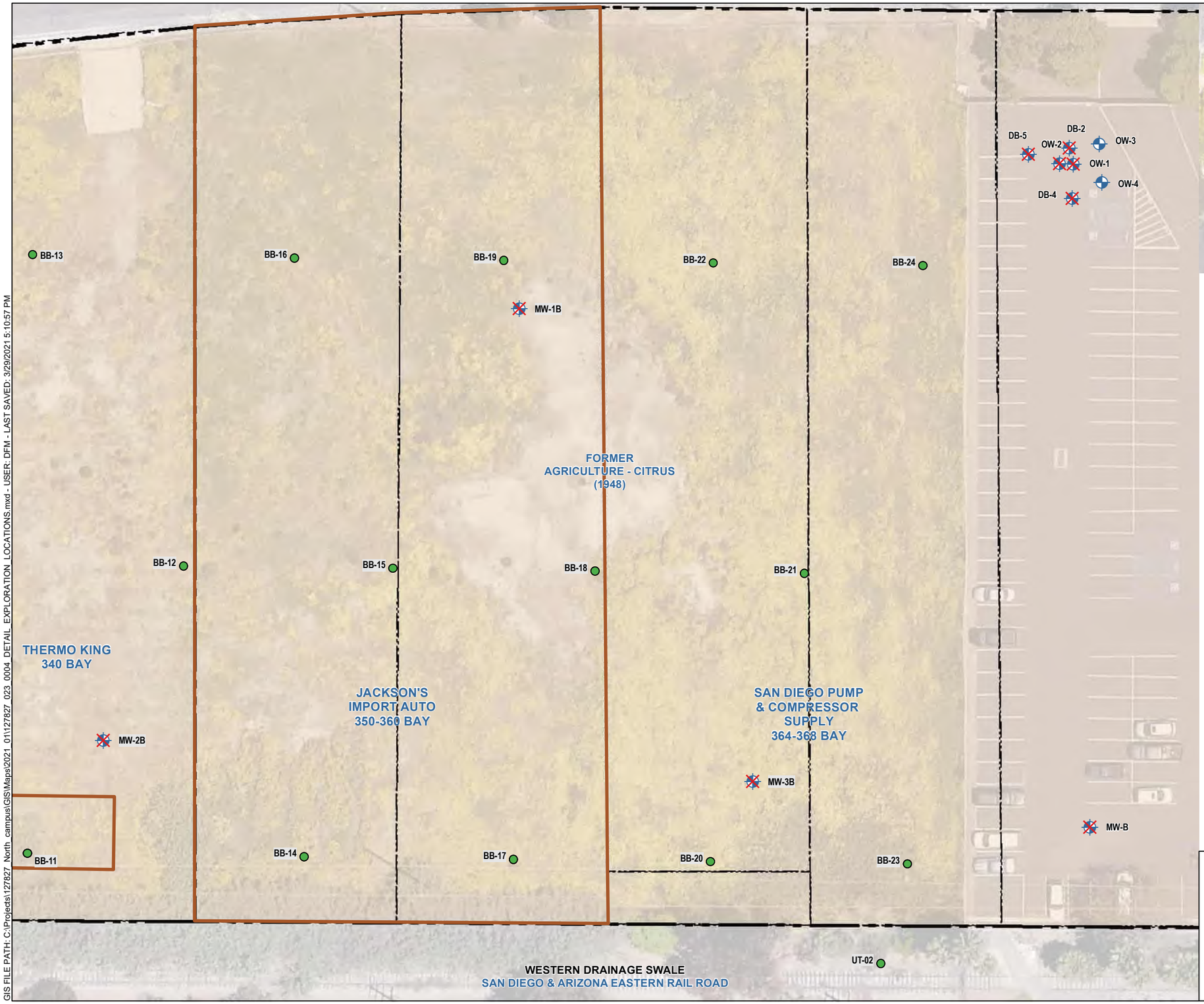
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

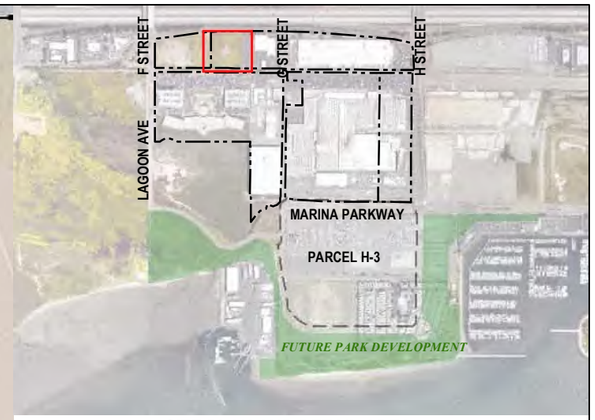
SAMPLE LOCATION MAP

APRIL 2021

FIGURE 3

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0003_SAMPLE_LOCATION_MAP.mxd - USER: dfm - LAST SAVED: 3/24/2021 10:29:15 AM





SITE PLAN AND DETAIL AREA 1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY. ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

0 40 80
SCALE IN FEET

HALEY ALDRICH

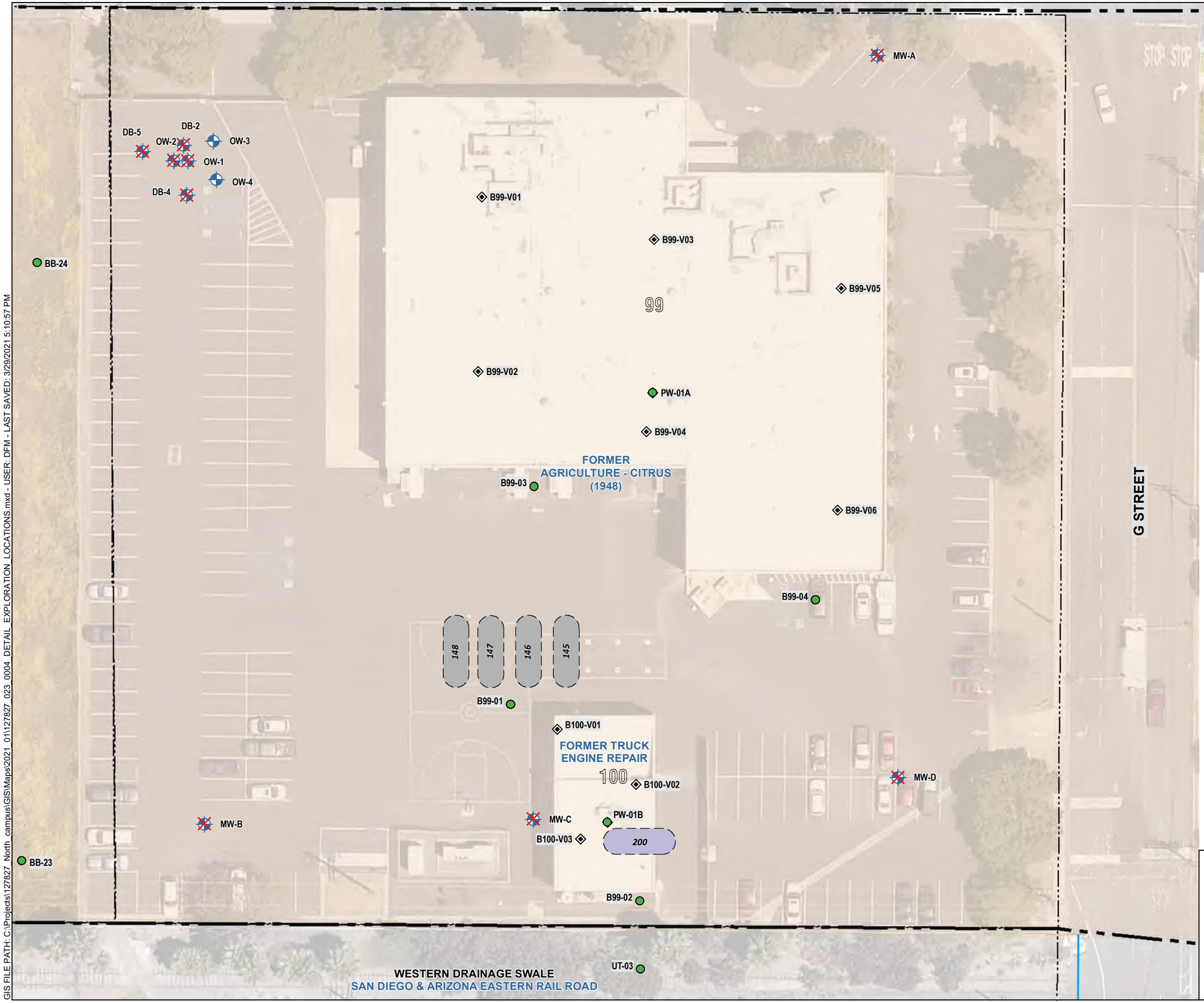
ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

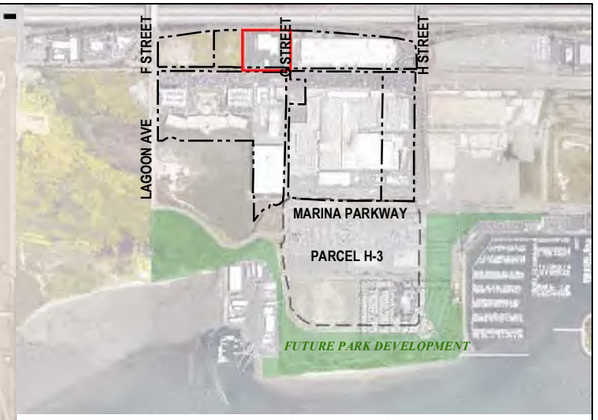
DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - 350, 360, 364, AND 368 BAY BOULEVARD

APRIL 2021

FIGURE 4A

GIS FILE PATH: C:\Projects\127827_North_campus\GIS\Maps\2021_01\127827_023_0004_DETAIL_EXPLORATION_LOCATIONS.mxd - USER: DFM - LAST SAVED: 3/29/2021 5:10:57 PM





SITE PLAN AND DETAIL AREA 1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY. ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

N

0 40 80
SCALE IN FEET

HALEY ALDRICH

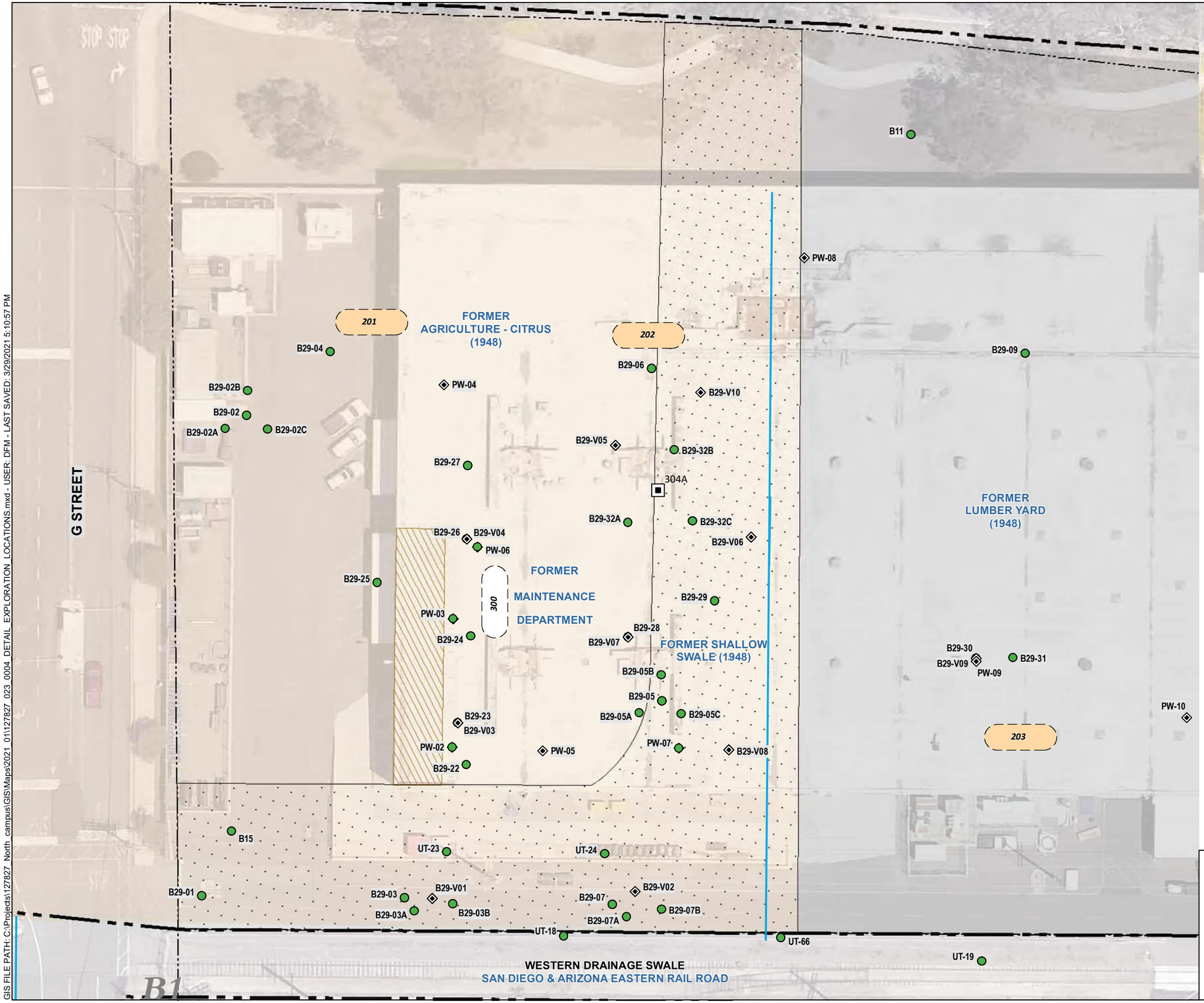
ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

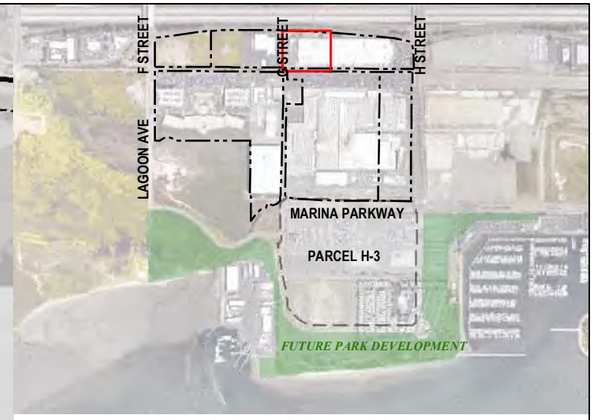
DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - BUILDINGS 99 AND 100

APRIL 2021

FIGURE 4B

GIS FILE PATH: C:\Projects\127827_North_campus\GIS\Maps\2021_01\127827_023_0004_DETAIL_EXPLORATION_LOCATIONS.mxd - USER: DFM - LAST SAVED: 3/29/2021 5:10:57 PM





SITE PLAN AND DETAIL AREA 1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY. ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

0 40 80
SCALE IN FEET

HALEY ALDRICH

ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - BUILDING 29 NORTH

APRIL 2021

FIGURE 4C

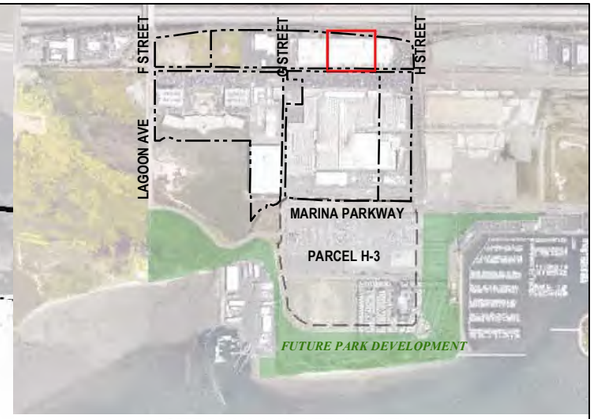
GIS FILE PATH: C:\Projects\127827_North_campus\GIS\Maps\2021_01\127827_023_0004_DETAIL_EXPLORATION_LOCATIONS.mxd - USER: DFM - LAST SAVED: 3/29/2021 5:10:57 PM

BAY BOULEVARD

FORMER
LUMBER YARD
(1948)

B29-V12
B29-13
B29-16
29
B29-V15
B29-34A
B29-V17
304C
B29-V11
B29-11
PW-13
B29-34C
B29-08
PW-11
PW-12
B29-V14
B29-33A
3-09596
304B
B29-12
B29-15
B29-33C
PW-10
B29-10
161
B29-V16
PW-14
B29-V13
161
B29-21
UT-25
B29-14
UT-20

WESTERN DRAINAGE SWALE
SAN DIEGO & ARIZONA EASTERN RAIL ROAD



SITE PLAN AND DETAIL AREA 1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY. ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

0 40 80
SCALE IN FEET

HALEY ALDRICH

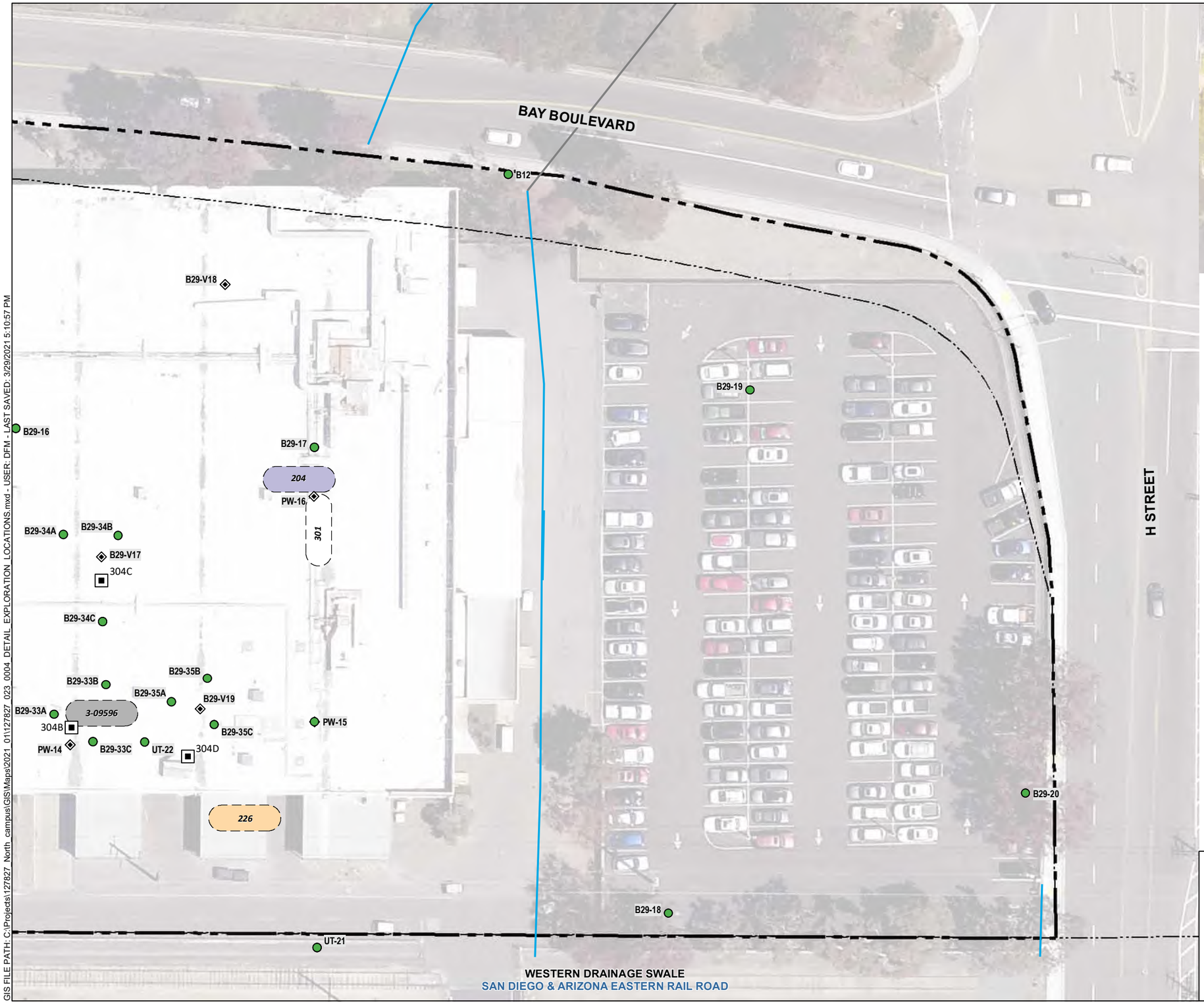
ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

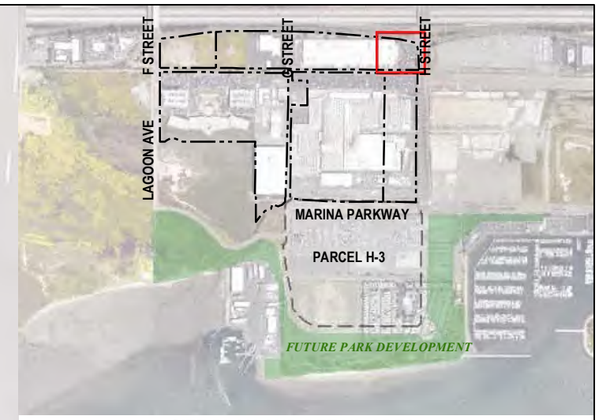
DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - BUILDING 29 CENTRAL

APRIL 2021

FIGURE 4D

GIS FILE PATH: C:\Projects\127827_North_campus\GIS\Maps\2021_01\127827_023_0004_DETAIL_EXPLORATION_LOCATIONS.mxd - USER: DFM - LAST SAVED: 3/29/2021 5:10:57 PM





SITE PLAN AND DETAIL AREA 1 " = 1,500 '

LEGEND

- BORING
- CPT
- HYDROPUNCH
- SOIL VAPOR
- MONITORING WELL ZONE A
- DESTROYED MONITORING WELL/TRANSDUCER
- FORMER MILLS/LATHES

STORM WATER CONVEYANCE SYSTEM

- CURRENT
- FORMER (PRE-1998)

- ASSESSOR'S PARCEL BOUNDARY AND NUMBER

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK)
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT LOCATION
- FORMER EXCAVATION AREA
- SITE BOUNDARY
- 29 BUILDING NUMBER

NOTES

1. LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. FORMER VESSELS AND VAULTS SIZE ARE FOR PRESENTATION PURPOSE ONLY. ACTUAL SIZE MAY VARY.
3. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, 2017

0 40 80
SCALE IN FEET

HALEY ALDRICH

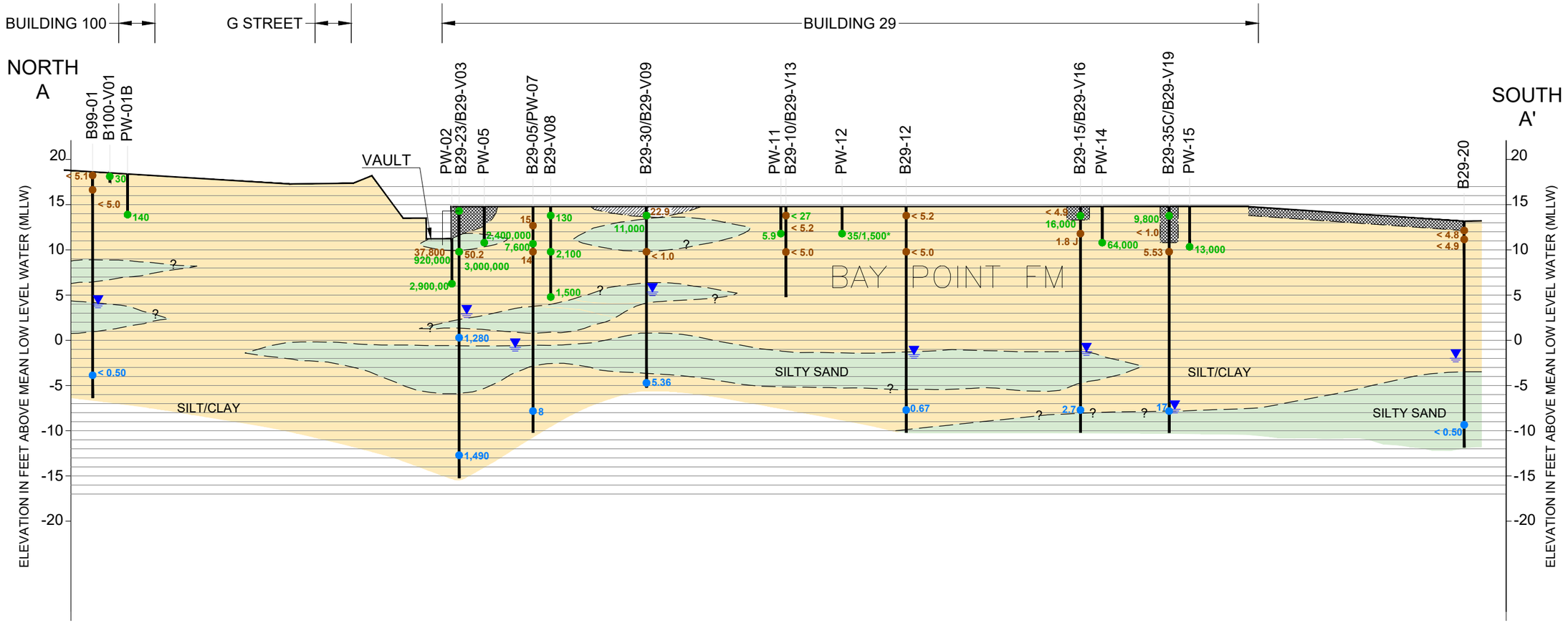
ROHR, INC, A COLLINS AEROSPACE COMPANY
NORTH CAMPUS SITEWIDE CONCEPTUAL MODEL
CHULA VISTA, CALIFORNIA

DETAIL HISTORICAL ENVIRONMENTAL FEATURES AND SAMPLE LOCATION MAP - BUILDING 29 SOUTH

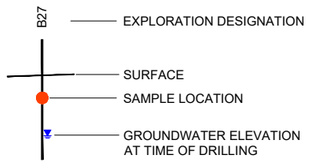
APRIL 2021

FIGURE 4E

GIS FILE PATH: C:\Projects\127827_North_campus\GIS\Maps\2021_01\127827_023_0004_DETAIL_EXPLORATION_LOCATIONS.mxd - USER: DFM - LAST SAVED: 3/29/2021 5:10:57 PM



EXPLORATION LEGEND



LEGEND

- FILL
- SILT/CLAY
- SILTY SAND
- LITHOLOGY CONTACT (INFERRED)

TRICHLOROETHENE CONCENTRATION

- < 5.0 SOIL (ug/kg)
- 30 SOIL GAS (ug/m^3)
- < 0.50 GROUNDWATER (ug/L)
- * TETRACHLOROETHENE CONCENTRATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. < 0.50 = NOT DETECTED ABOVE LABORATORY REPORTING LIMIT

HORIZ. 0 120 240
VERT. 0 12 24
SCALE IN FEET

HALEY ALDRICH

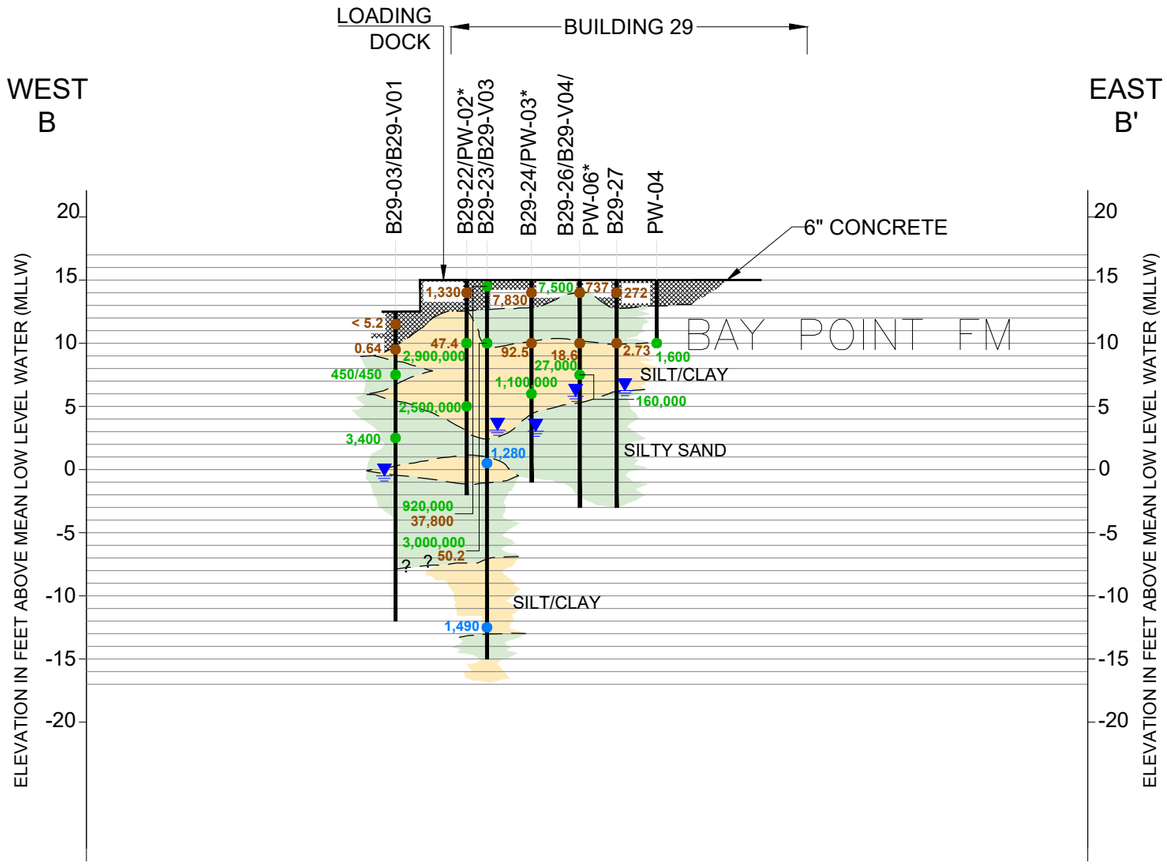
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

GEOLOGIC CROSS SECTION A-A'

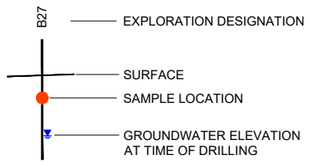
SCALE: AS SHOWN
APRIL 2021

FIGURE 5

DFM
G:\43559 NORTH CAMPUS\000 GLOBAL\CAD\127827 019 0005 06 CROSS SECTION.DWG
Printed: 3/24/2021 11:47 AM Sheet: X-SEC A-A'



EXPLORATION LEGEND



LEGEND

- FILL : SILTY FINE SAND WITH ASPHALT
- SILT/CLAY
- SILTY SAND
- LITHOLOGY CONTACT (INFERRED)
- * PROBE LOCATED IN VAULT (APPROX. 4 FEET BGS)

TRICHLOROETHENE CONCENTRATION

- < 5.0 SOIL (ug/kg)
- 30 SOIL GAS (ug/m^3)
- < 0.50 GROUNDWATER (ug/L)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. < 0.50 = NOT DETECTED ABOVE LABORATORY REPORTING LIMIT

HORIZ. 0 120 240
VERT. 0 12 24
SCALE IN FEET

HALEY ALDRICH

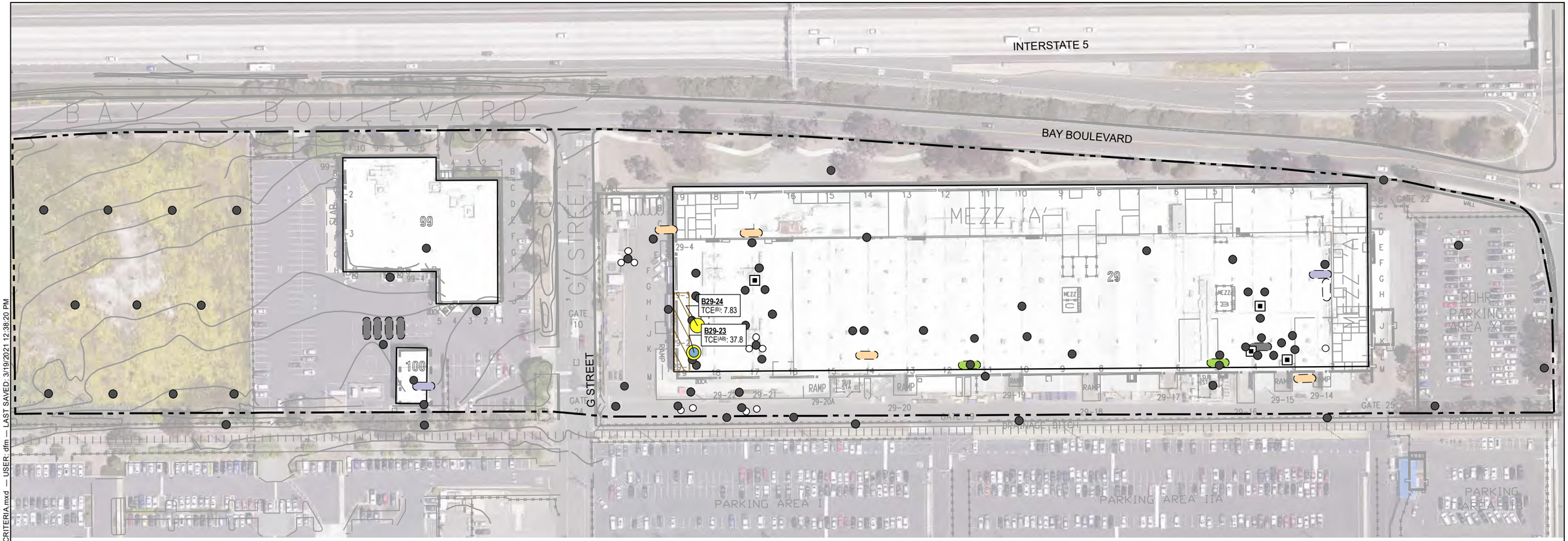
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

GEOLOGIC CROSS SECTION B-B'

SCALE: AS SHOWN
APRIL 2021

FIGURE 6

DFM
Printed: 3/24/2021 11:46 AM Sheet: X-SEC B-B'
G:\43559 NORTH CAMPUS\000 GLOBAL\CAD\127827 019 0005 06 CROSS SECTION.DWG



LEGEND

- NOT ANALYZED FOR VOCs IN SOIL
- ANALYZED FOR VOCs IN SOIL

VOCs EXCEEDING SCREENING CRITERIA

- GPL
- COMMERCIAL/INDUSTRIAL DTSC-SL
- TTLC

- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. SEE REPORT FOR ABBREVIATION ACRONYMS
5. POSTSCRIPT KEY:

(A) = EXCEEDS GPL
(B) = EXCEEDS COMMERCIAL/INDUSTRIAL DTSC-SL
(C) = EXCEEDS TTLC

6. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

N

0 125 250
SCALE IN FEET

HALEY ALDRICH

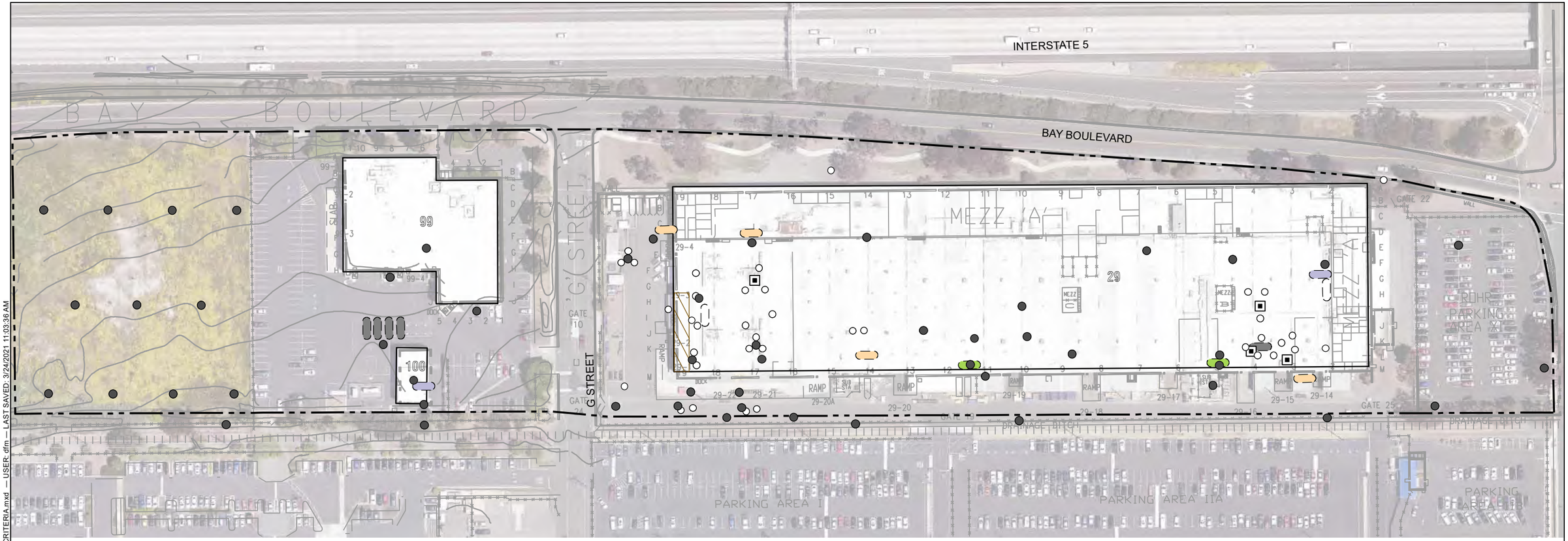
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

VOCs IN VADOSE ZONE SOIL EXCEEDING SCREENING CRITERIA

APRIL 2021

FIGURE 7A

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0007A_VOC_SOIL_SAMPLE_EXCEEDING_CRITERIA.mxd — USER: dfm — LAST SAVED: 3/19/2021 12:38:20 PM



LEGEND

- NOT ANALYZED FOR TPH IN SOIL
- ANALYZED FOR TPH IN SOIL

TPH EXCEEDING SCREENING CRITERIA

- GPL
- COMMERCIAL/INDUSTRIAL DTSC-SL
- TTLC

- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.

2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL

3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.

4. SEE REPORT FOR ABBREVIATION ACRONYMS

5. POSTSCRIPT KEY:

(A) = EXCEEDS GPL
(B) = EXCEEDS COMMERCIAL/INDUSTRIAL DTSC-SL
(C) = EXCEEDS TTLC

6. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 125 250
SCALE IN FEET

HALEY ALDRICH

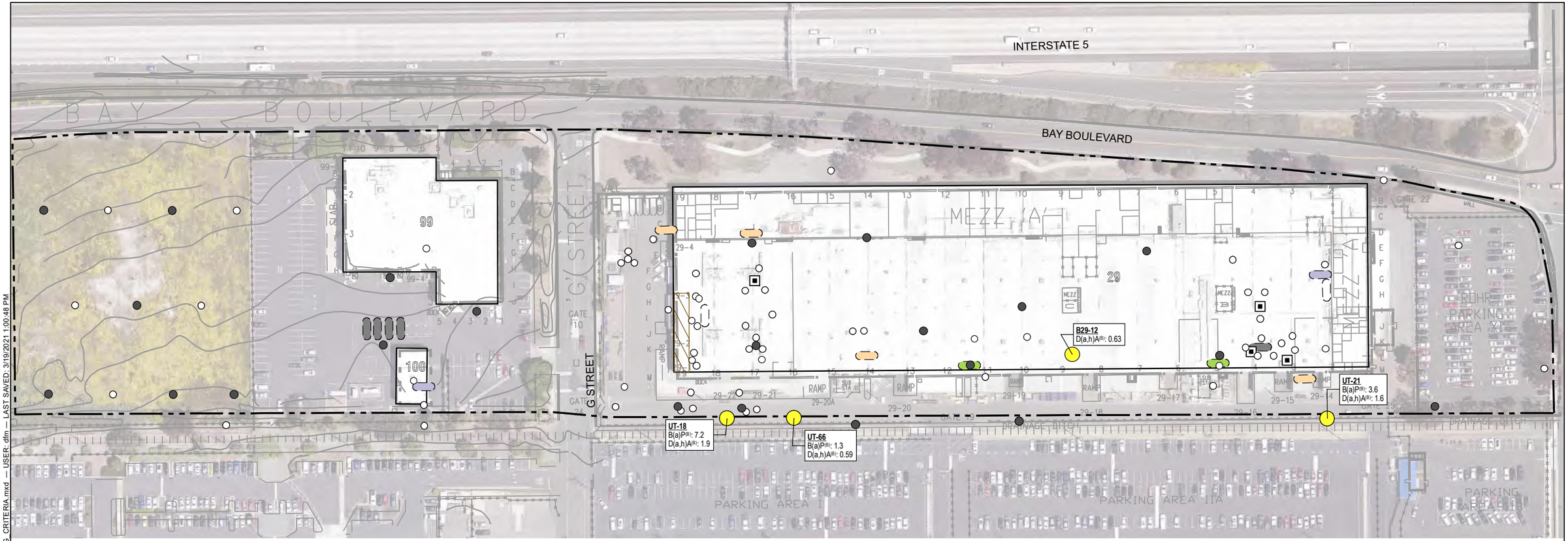
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

TPH IN VADOSE ZONE SOIL EXCEEDING SCREENING CRITERIA

APRIL 2021

FIGURE 7B

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0007B_TPH_SOIL_SAMPLE_EXCEEDING_CRITERIA.mxd — USER: dfm — LAST SAVED: 3/24/2021 11:03:36 AM



LEGEND

- NOT ANALYZED FOR SVOCs IN SOIL
- ANALYZED FOR SVOCs IN SOIL

SVOCs EXCEEDING SCREENING CRITERIA

- GPL
- COMMERCIAL/INDUSTRIAL DTSC-SL
- TTLC

- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. SEE REPORT FOR ABBREVIATION ACRONYMS
5. POSTSCRIPT KEY:

(A) = EXCEEDS GPL
(B) = EXCEEDS COMMERCIAL/INDUSTRIAL DTSC-SL
(C) = EXCEEDS TTLC

6. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

N

0 125 250
SCALE IN FEET

HALEY ALDRICH

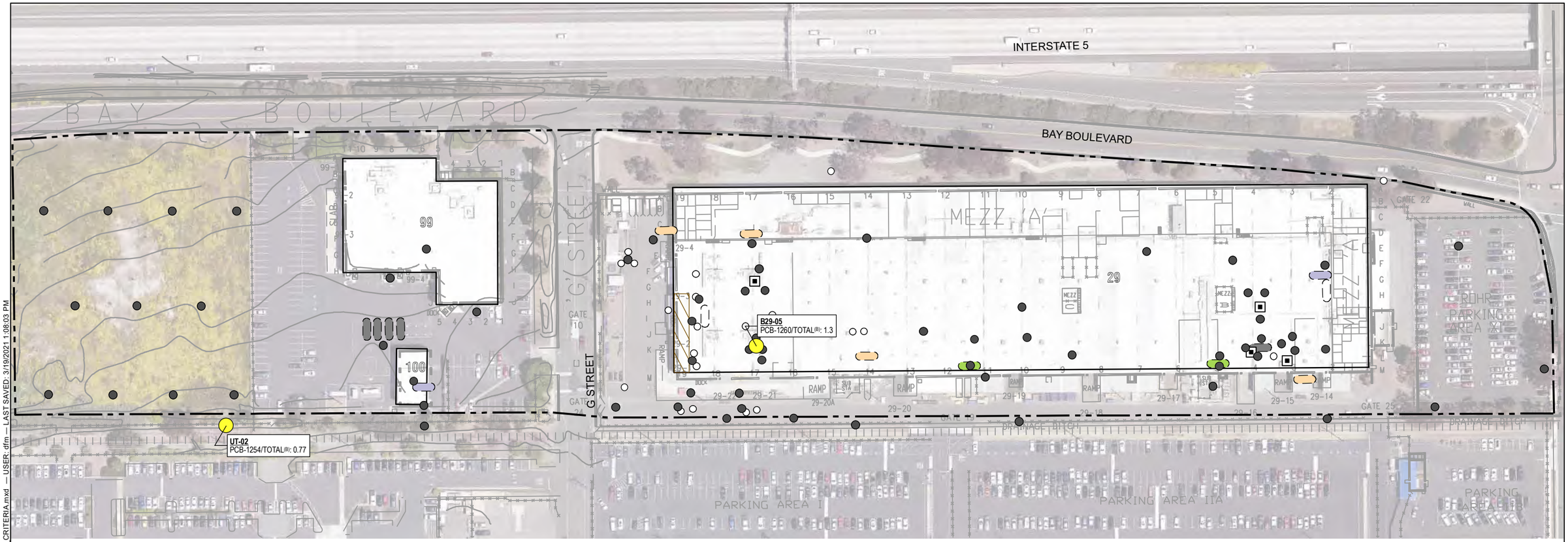
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SVOCs IN VADOSE ZONE SOIL EXCEEDING SCREENING CRITERIA

APRIL 2021

FIGURE 7C

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0007C_SVOCs_SOIL_SAMPLE_EXCEEDING_CRITERIA.mxd — USER: dfm — LAST SAVED: 3/19/2021 1:00:48 PM



LEGEND

- NOT ANALYZED FOR PCBs IN SOIL
- ANALYZED FOR PCBs IN SOIL

PCBs EXCEEDING SCREENING CRITERIA

- GPL
- COMMERCIAL/INDUSTRIAL DTSC-SL
- TTLC

- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. SEE REPORT FOR ABBREVIATION ACRONYMS
5. POSTSCRIPT KEY:

(A) = EXCEEDS GPL
(B) = EXCEEDS COMMERCIAL/INDUSTRIAL DTSC-SL
(C) = EXCEEDS TTLC

6. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 125 250
SCALE IN FEET

HALEY ALDRICH

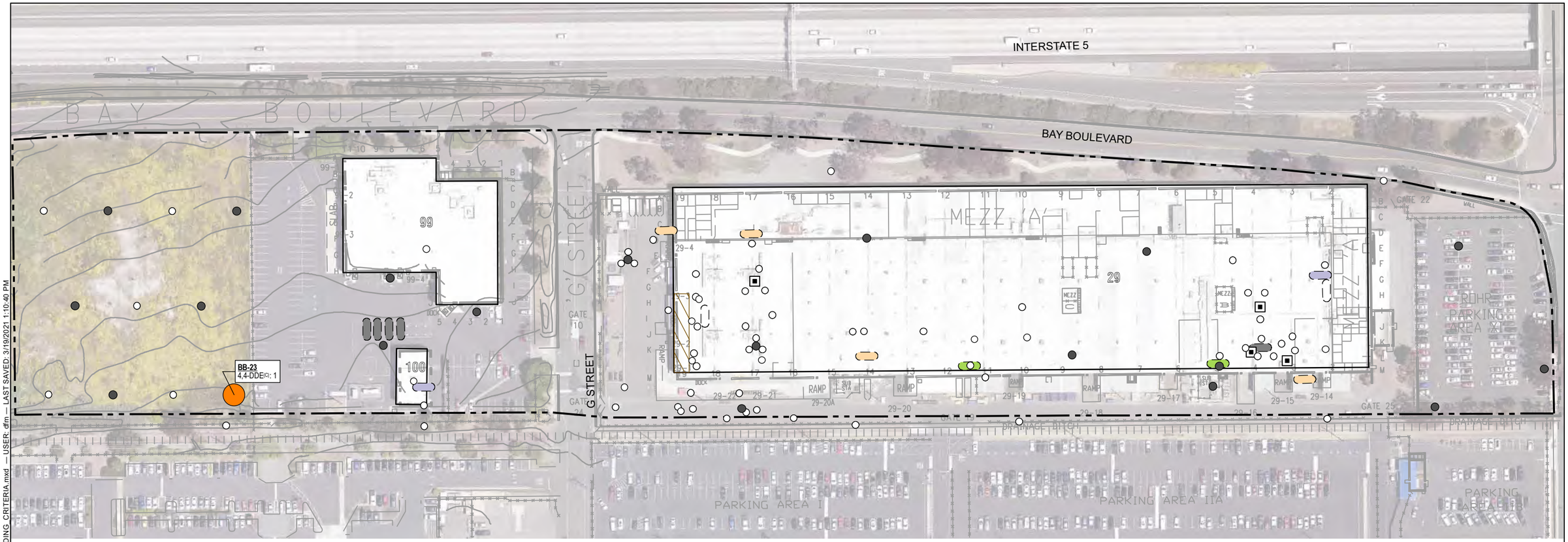
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

PCBs IN VADOSE ZONE SOIL EXCEEDING SCREENING CRITERIA

APRIL 2021

FIGURE 7D

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0007D_PCBs_SOIL_SAMPLE_EXCEEDING_CRITERIA.mxd — USER: dfm — LAST SAVED: 3/19/2021 1:08:03 PM



LEGEND

- NOT ANALYZED FOR PECTICIDES IN SOIL
- ANALYZED FOR PECTICIDES IN SOIL

PECTICIDES EXCEEDING SCREENING CRITERIA

- GPL
- COMMERCIAL/INDUSTRIAL DTSC-SL
- TTLC

- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. SEE REPORT FOR ABBREVIATION ACRONYMS
5. POSTSCRIPT KEY:

(A) = EXCEEDS GPL
(B) = EXCEEDS COMMERCIAL/INDUSTRIAL DTSC-SL
(C) = EXCEEDS TTLC

6. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 125 250
SCALE IN FEET

HALEY ALDRICH

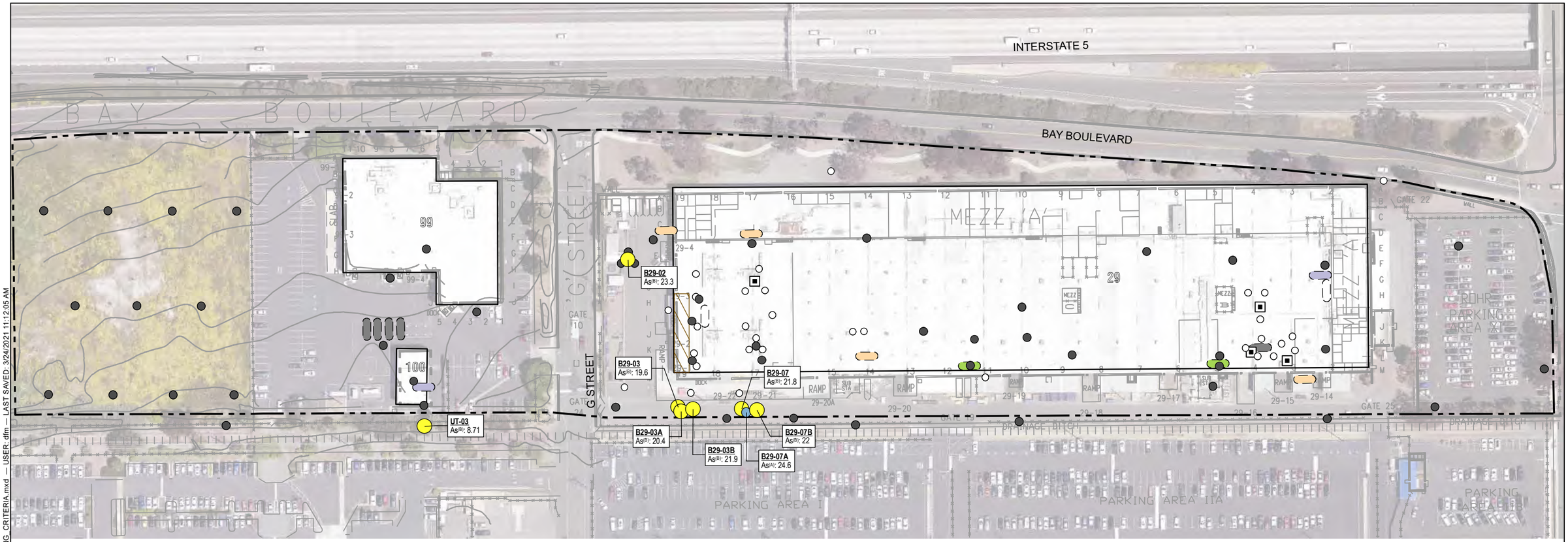
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

PECTICIDES IN VADOSE ZONE SOIL EXCEEDING SCREENING CRITERIA

APRIL 2021

FIGURE 7E

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0007E_PESTICIDE_SOIL_SAMPLE_EXCEEDING_CRITERIA.mxd — USER: dfm — LAST SAVED: 3/19/2021 1:10:40 PM



LEGEND

- NOT ANALYZED FOR METALS IN SOIL
- ANALYZED FOR METALS IN SOIL

METALS EXCEEDING SCREENING CRITERIA

- GPL
- COMMERCIAL/INDUSTRIAL DTSC-SL
- TTLC

- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. SEE REPORT FOR ABBREVIATION ACRONYMS
5. POSTSCRIPT KEY:

(A) = EXCEEDS GPL
(B) = EXCEEDS COMMERCIAL/INDUSTRIAL DTSC-SL
(C) = EXCEEDS TTLC

6. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

N

0 125 250
SCALE IN FEET

HALEY ALDRICH

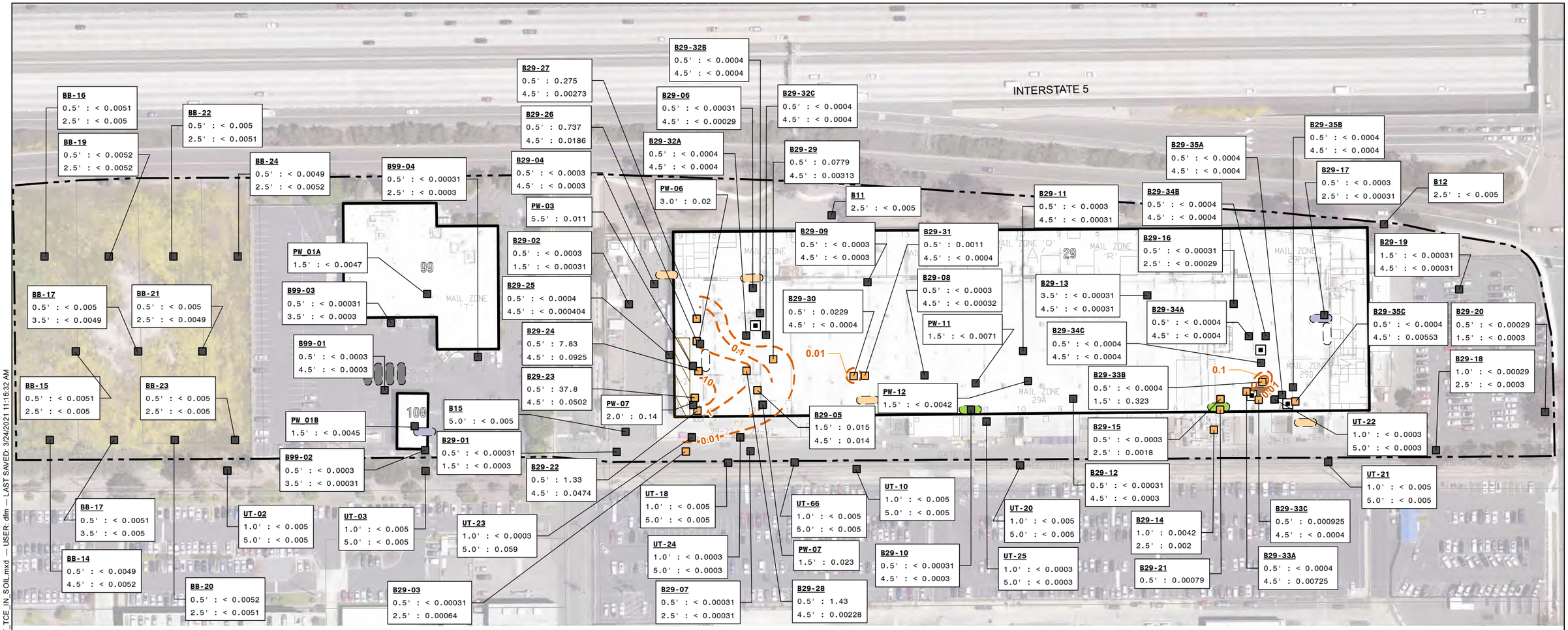
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

TITLE 22 METALS AND HEXAVALENT CHROMIUM IN VADOSE ZONE SOIL EXCEEDING SCREENING CRITERIA

APRIL 2021

FIGURE 7F

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0007F_METALS_SOIL_SAMPLE_EXCEEDING_CRITERIA.mxd — USER: dfm — LAST SAVED: 3/24/2021 11:12:05 AM



LEGEND

- SOIL SAMPLE LOCATION WHERE TCE DETECTED
- SOIL SAMPLE LOCATION WHERE TCE NOT DETECTED
- TRICHLOROETHENE (TCE) CONTOUR IN SOIL 0-2 FEET BGS (mg/kg)
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS ARE IN MILLIGRAMS PER KILOGRAM (mg/kg)
3. < = LESS THAN LABORATORY DETECTION LIMITS ARE SHOWN
4. TCE = TRICHLOROETHENE
5. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

N

0 130 260
SCALE IN FEET

HALEY ALDRICH

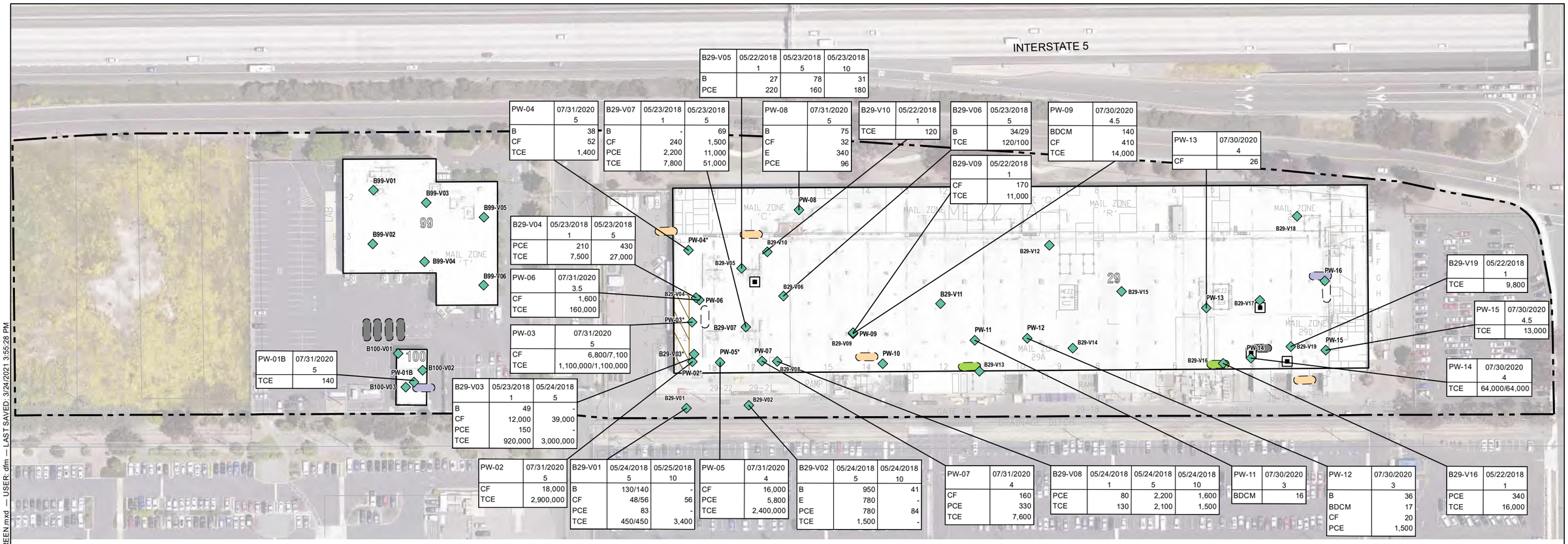
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

EXTENT OF TCE IN SOIL 0-2 FEET BELOW GROUND SURFACE

APRIL 2021

FIGURE 8

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0008_EXTENT_OF_TCE_IN_SOIL.mxd — USER: dfm — LAST SAVED: 3/24/2021 11:15:32 AM



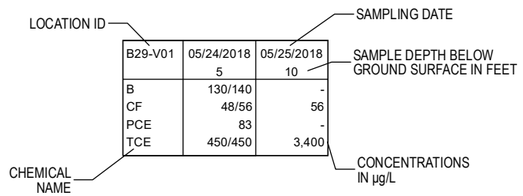
GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0009_SOIL_VAPOR_COPCs_EXCEED_SCREEN.mxd — USER: dfm — LAST SAVED: 3/24/2021 3:55:28 PM

LEGEND

- SOIL VAPOR PROBE
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER



NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. * = THESE SAMPLE LOCATIONS WERE NOT EVALUATED SINCE THEY ARE LOCATED IN THE PORTION OF THE BUILDING THAT IS TO BE DEMOLISHED.
5. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

ABBREVIATIONS:

B = BENZENE
CF = CHLOROFORM
BDCM = BROMODICHLOROMETHANE
E = ETHYLBENZENE
PCE = TETRACHLOROETHENE
TCE = TRICHLOROETHENE

0 125 250
SCALE IN FEET

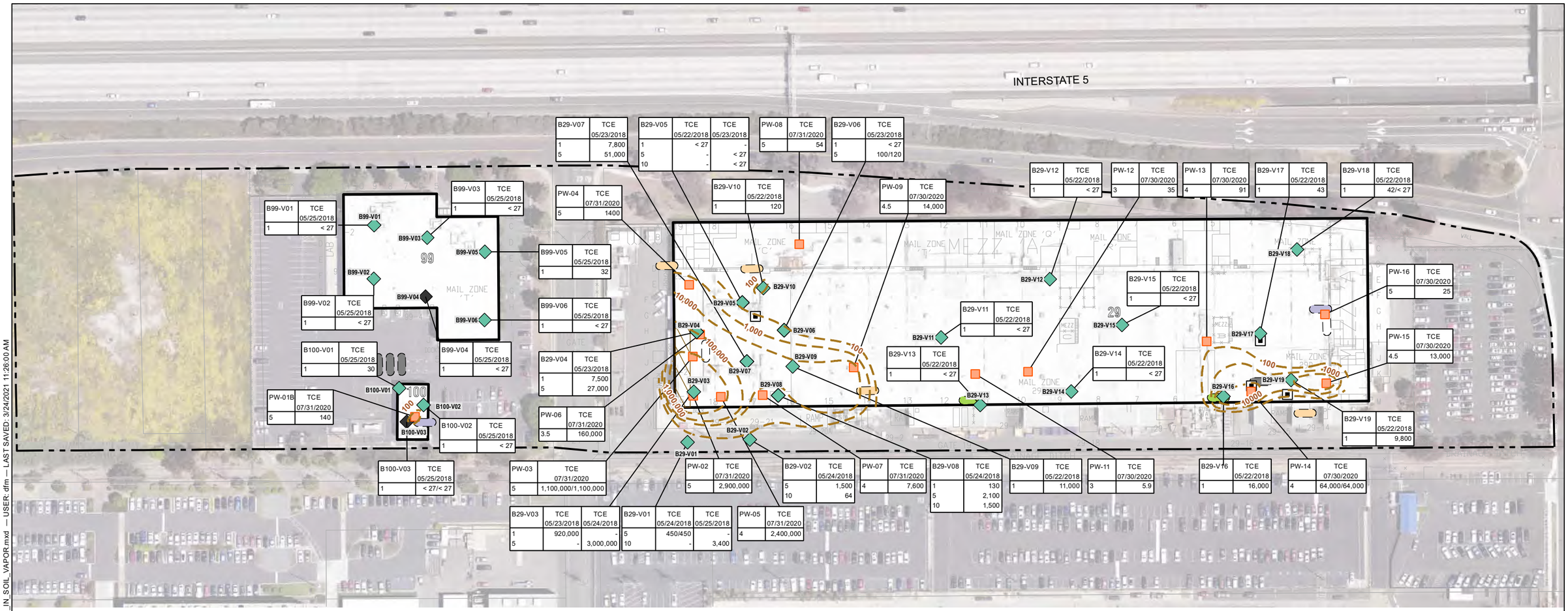
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SOIL VAPOR COPCs EXCEEDING SCREENING CRITERIA

APRIL 2021

FIGURE 9



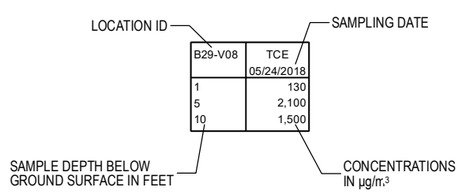
LEGEND

- HISTORICAL VAPOR SAMPLE LOCATION
- GSI SOIL VAPOR SAMPLE LOCATION
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

- TRICHLOROETHENE (TCE) CONTOUR IN SOIL VAPOR (IN µg/m^3)
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER



NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS ARE IN MICROGRAMS PER CUBIC METER (µg/m^3)
3. < = LESS THAN LABORATORY DETECTION LIMITS ARE SHOWN
4. TCE = TRICHLOROETHENE
5. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

N

0 130 260
SCALE IN FEET

HALEY ALDRICH

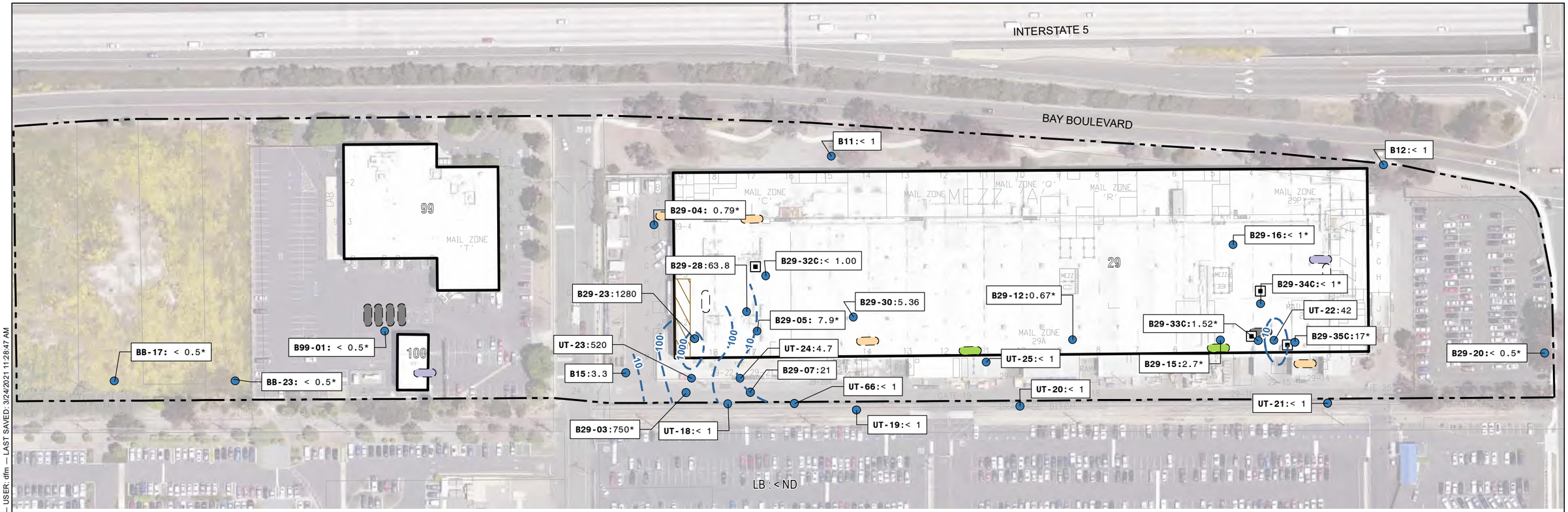
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

EXTENT OF TCE IN SOIL VAPOR

APRIL 2021

FIGURE 10

GIS FILE PATH: G:\43559_North Campus\000_GlobalGISMaps\2021_03\127827_023_0010_EXTENT_OF_TCE_IN_SOIL_VAPOR.mxd — USER: dfm — LAST SAVED: 3/24/2021 11:26:00 AM



LEGEND

- GROUNDWATER SAMPLE LOCATION
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- TRICHLOROETHENE (TCE) CONTOUR IN ZONE A GROUNDWATER (ug/L)
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µg/L)
3. * = UPPER ZONE B DATA
4. < = LESS THAN LABORATORY DETECTION LIMITS ARE SHOWN
5. TCE = TRICHLOROETHENE
6. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

0 130 260
SCALE IN FEET

HALEY ALDRICH

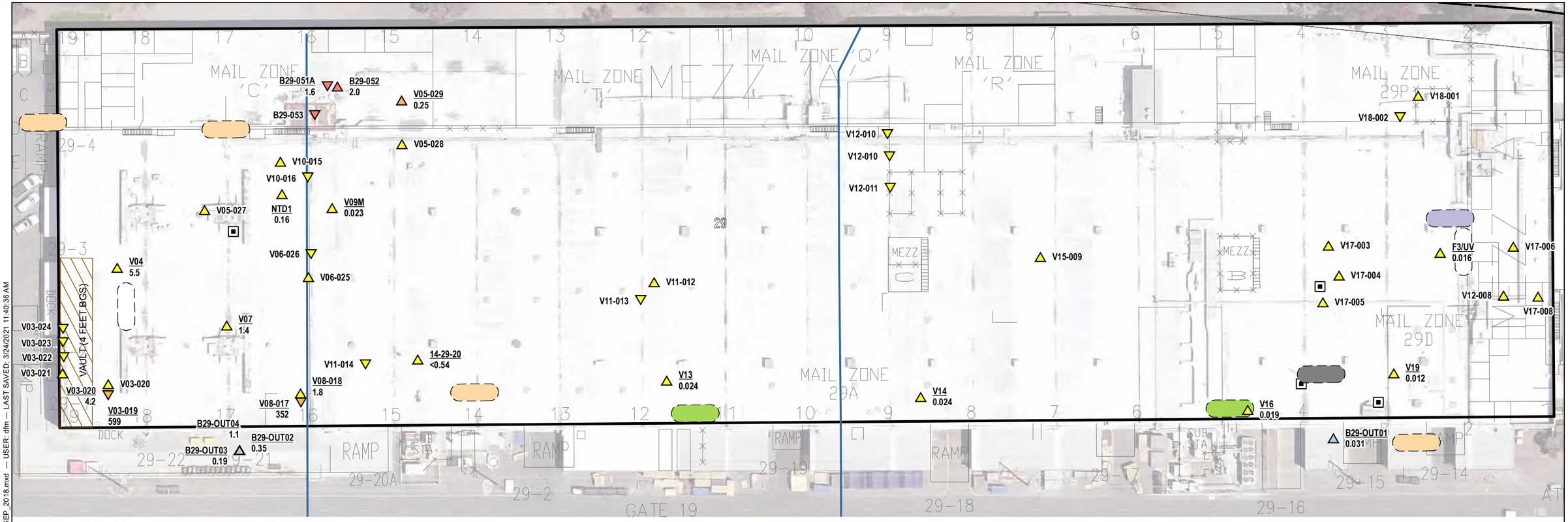
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

EXTENT OF TCE IN ZONE A GROUNDWATER

APRIL 2021

FIGURE 11

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0011_EXTENT_OF_TCE_IN_GROUNDWATER.mxd — USER: dfm — LAST SAVED: 3/24/2021 11:28:47 AM



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LEGEND

SAMPLE TYPE

- △ BREATHING ZONE/OUTDOOR SAMPLE
- ▽ PREFERENTIAL PATHWAY

INDOOR AIR SCREENING LOCATION TCE FIELD MEASUREMENT (µg/m^3)

TVOC (ppbv)

- △ <10
- △ 10 - 50
- △ >50 - 500
- △ >500 - 5,000
- △ >5,000

- STORM WATER CONVEYANCE SYSTEM
- ▣ FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- BUILDING BOUNDARY

LABEL KEY

AIR SAMPLING LOCATION ID — V14 / 0.024 — TCE CONCENTRATION MICROGRAMS PER CUBIC METER (µg/m^3)

0 60 120

SCALE IN FEET

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF CURRENT AND FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. TOTAL VOLATILE ORGANIC COMPOUND (TVOC) CONCENTRATIONS IN PARTS PER BILLION BY VOLUME (PPBV) AND MEASURED USING PPBRAE. TRICHLOROETHENE (TCE) CONCENTRATIONS IN MICROGRAMS PER CUBIC METER (ug/m^3) AND MEASURED USING HAPSITE.
5. ALL TCE MEASUREMENTS COLLECTED IN BREATHING ZONE UNLESS OTHERWISE SPECIFIED. TVOC MEASUREMENTS COLLECTED IN BREATHING ZONE AND POTENTIAL PREFERENTIAL PATHWAYS.
6. MEASUREMENTS COLLECTED ON SEPTEMBER 11-12, 2018.
7. DUPLICATE TVOC MEASUREMENTS COLLECTED AT SOME LOCATIONS. THE MAXIMUM TVOC CONCENTRATION IS SHOWN.
8. NO SAMPLE LOCATIONS EXCEEDED EPA REGION 9 INTERIM TCE INDOOR AIR ACCELERATED RESPONSE ACTION OF 8 µg/m^3
9. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

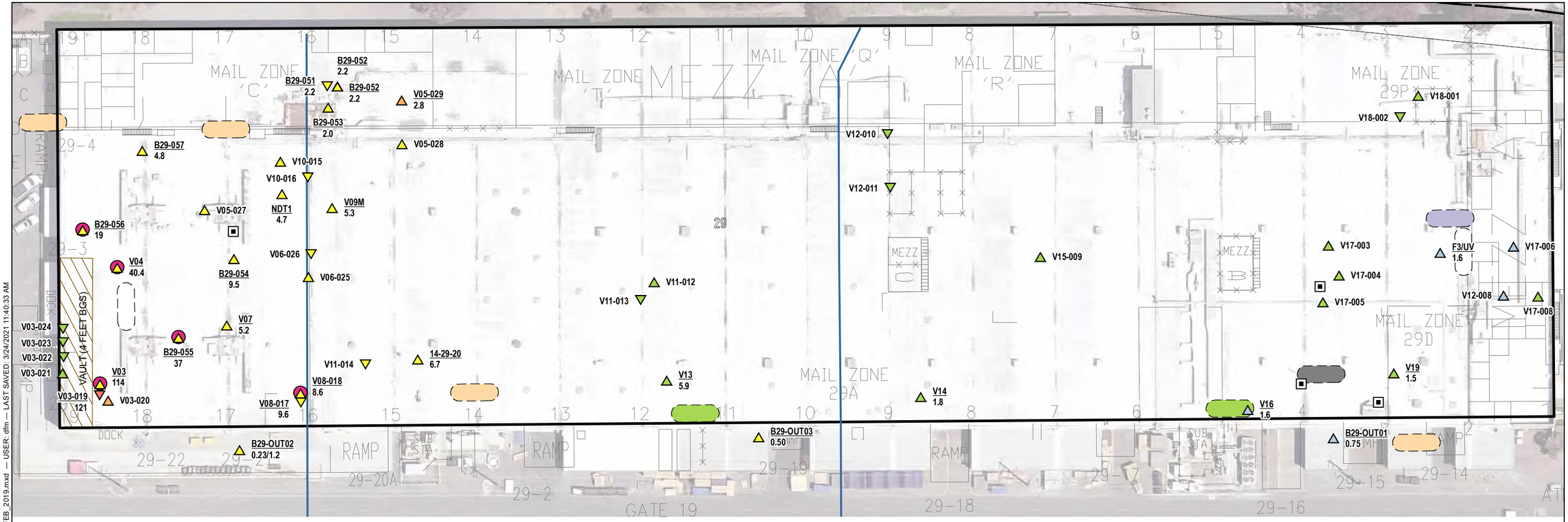
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

INDOOR AIR SCREENING RESULTS SEPTEMBER 2018

APRIL 2021

FIGURE 12



LEGEND

SAMPLE TYPE

- △ BREATHING ZONE/OUTDOOR SAMPLE
- ▽ PREFERENTIAL PATHWAY

INDOOR AIR SCREENING LOCATION TCE FIELD MEASUREMENT (µg/m^3)

TVOC (ppbv)

- △ NOT SAMPLED (NS)
- △ <10
- △ 10 - 50
- △ >50 - 500
- △ >500 - 5,000
- △ >5,000
- ● SAMPLE LOCATION EXCEEDS EPA REGION 9 INTERIM TCE INDOOR AIR ACCELERATED RESPONSE ACTION LEVEL

- STORM WATER CONVEYANCE SYSTEM
- ▣ FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- BUILDING BOUNDARY

LABEL KEY

AIR SAMPLING LOCATION ID — V14 / 0.024 — TCE CONCENTRATION MICROGRAMS PER CUBIC METER (µg/m^3)

0 60 120
SCALE IN FEET

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF CURRENT AND FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. TOTAL VOLATILE ORGANIC COMPOUND (TVOC) CONCENTRATIONS IN PARTS PER BILLION BY VOLUME (PPBV) AND MEASURED USING PPBRAE. TRICHLOROETHENE (TCE) CONCENTRATIONS IN MICROGRAMS PER CUBIC METER (ug/m^3) AND MEASURED USING HAPSITE.
5. ALL TCE MEASUREMENTS COLLECTED IN BREATHING ZONE UNLESS OTHERWISE SPECIFIED. TVOC MEASUREMENTS COLLECTED IN BREATHING ZONE AND POTENTIAL PREFERENTIAL PATHWAYS.
6. MEASUREMENTS COLLECTED ON FEBRUARY 26-28, 2019.
7. DUPLICATE TVOC MEASUREMENTS COLLECTED AT SOME LOCATIONS. THE MAXIMUM TVOC CONCENTRATION IS SHOWN.
8. NS INDICATES NO MEASUREMENT WAS COLLECTED.
9. EPA REGION 9 INTERIM TCE INDOOR AIR ACCELERATED RESPONSE ACTION IS 8 µg/m^3
10. AERIAL IMAGERY SOURCE: SAN DIEGO COUNTY, MARCH 2017

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

INDOOR AIR SCREENING RESULTS FEBRUARY 2019

APRIL 2021

FIGURE 13

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2021_03\127827_023_0013_INDOOR_AIR_SCREENING_LOCATIONS_FEB_2019.mxd — USER: dfm — LAST SAVED: 3/24/2021 11:40:33 AM

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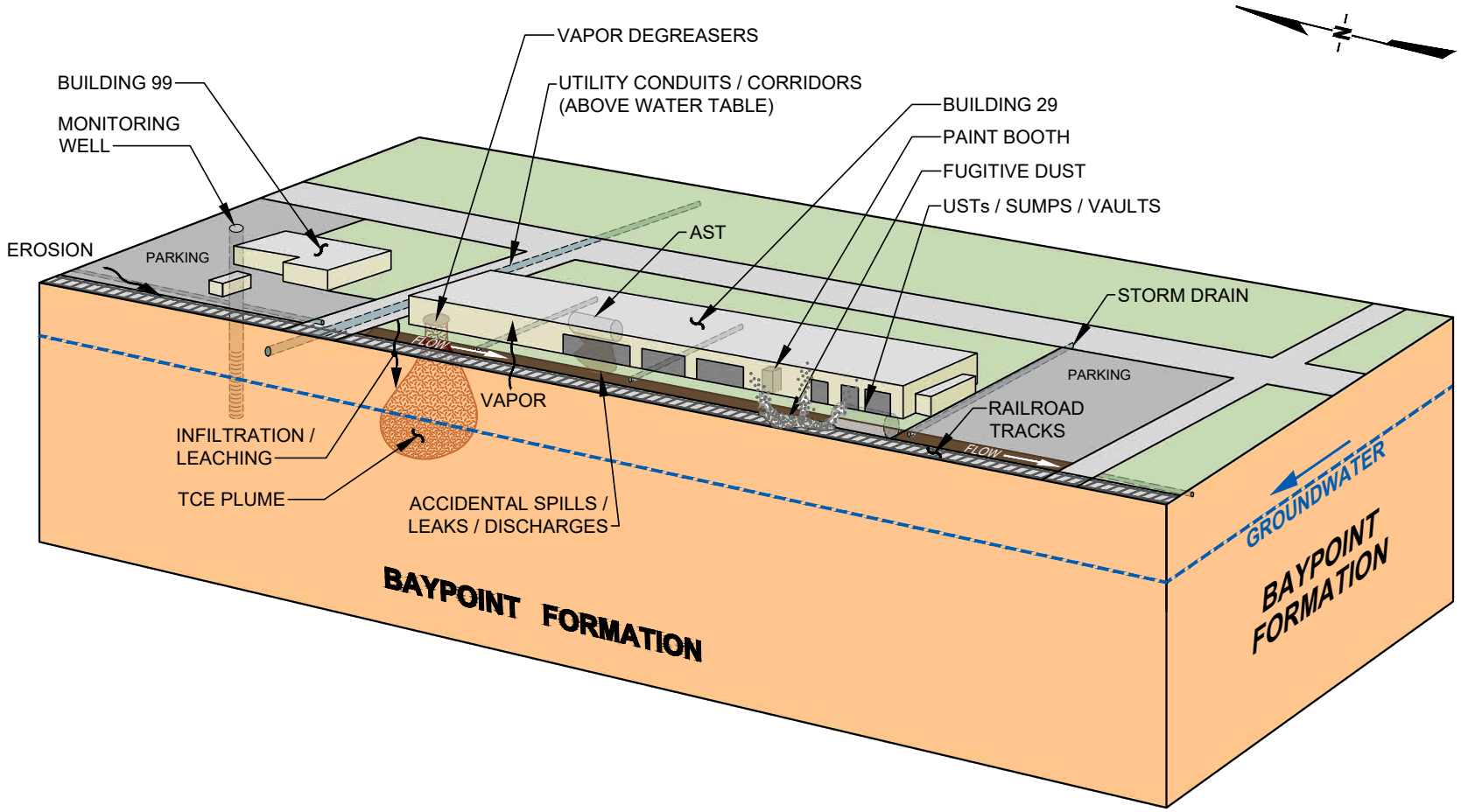

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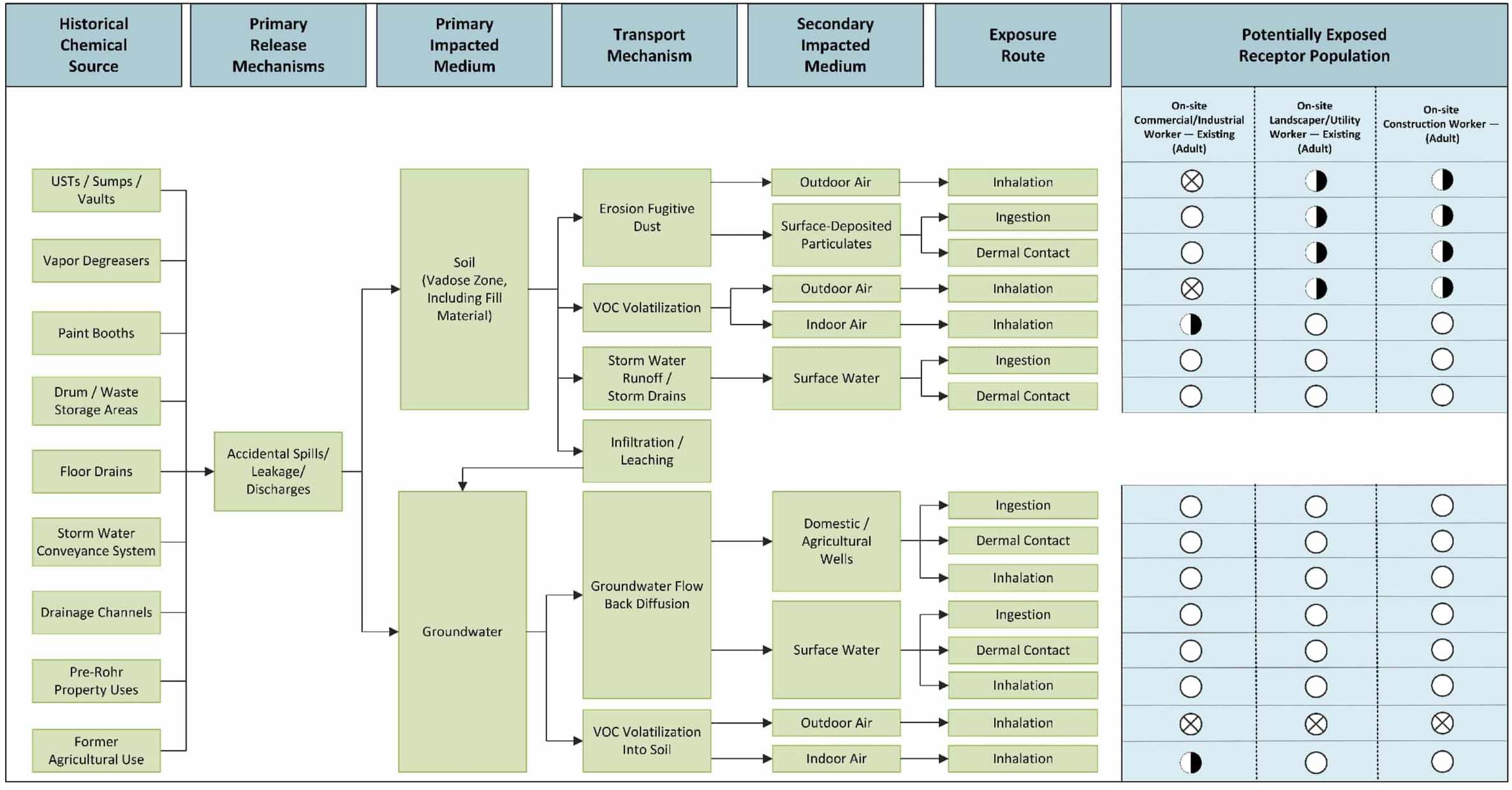
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

CONCEPTUAL SITE MODEL

NOT TO SCALE
APRIL 2021

FIGURE 14



LEGEND

- ● Complete: Exposure pathway currently exists for that receptor.
- ◑ Potentially Complete: Exposure pathway may exist for future receptor.
- ⊗ Insignificant: All criteria exist for a complete pathway, but data suggest low concentrations, low exposure frequency, potential insignificant risk, or significant pathway in comparison to other pathways.
- ○ Incomplete: One or more criteria for a complete pathway do not exist.

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ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

EXPOSURE PATHWAYS

APRIL 2021

FIGURE 15

\\haleyaldrich.com\share\sdg_common\127827_North Campus\023_Parcel A Conceptual Site Model\Deliverables\Figures

APPENDIX A

Boring Logs

BAY BOULEVARD

'G' STREET

'H' STREET

'I' STREET

'J' STREET

WALNUT AVENUE

MARINA PARKWAY

TO MARINA

SANDPIPER WAY

BAY

99 873 872 100 29 28 851 850 858 71 191 15 51 19 38 89 867 870 880 32 67 8580 82 864 35 34 30 95 5 27 0 PARKING STRUCTURE 1 16 3 77 78 79 311 443 11 415 DB-3 56 55 54 22 33 25 45 23 92 98 87 82 344 42 849 6 60 97 61 14 57 50 871 47 70 58 81 68 88 93 52 DB-2 DB-1

LEGEND

DB-1 — LOCATION OF BORING

DB-2 — LOCATION OF WELL

DB-3 — LOCATION OF ADDITIONAL BORING

0 10 50 100 200 300 500 700 1000 FEET

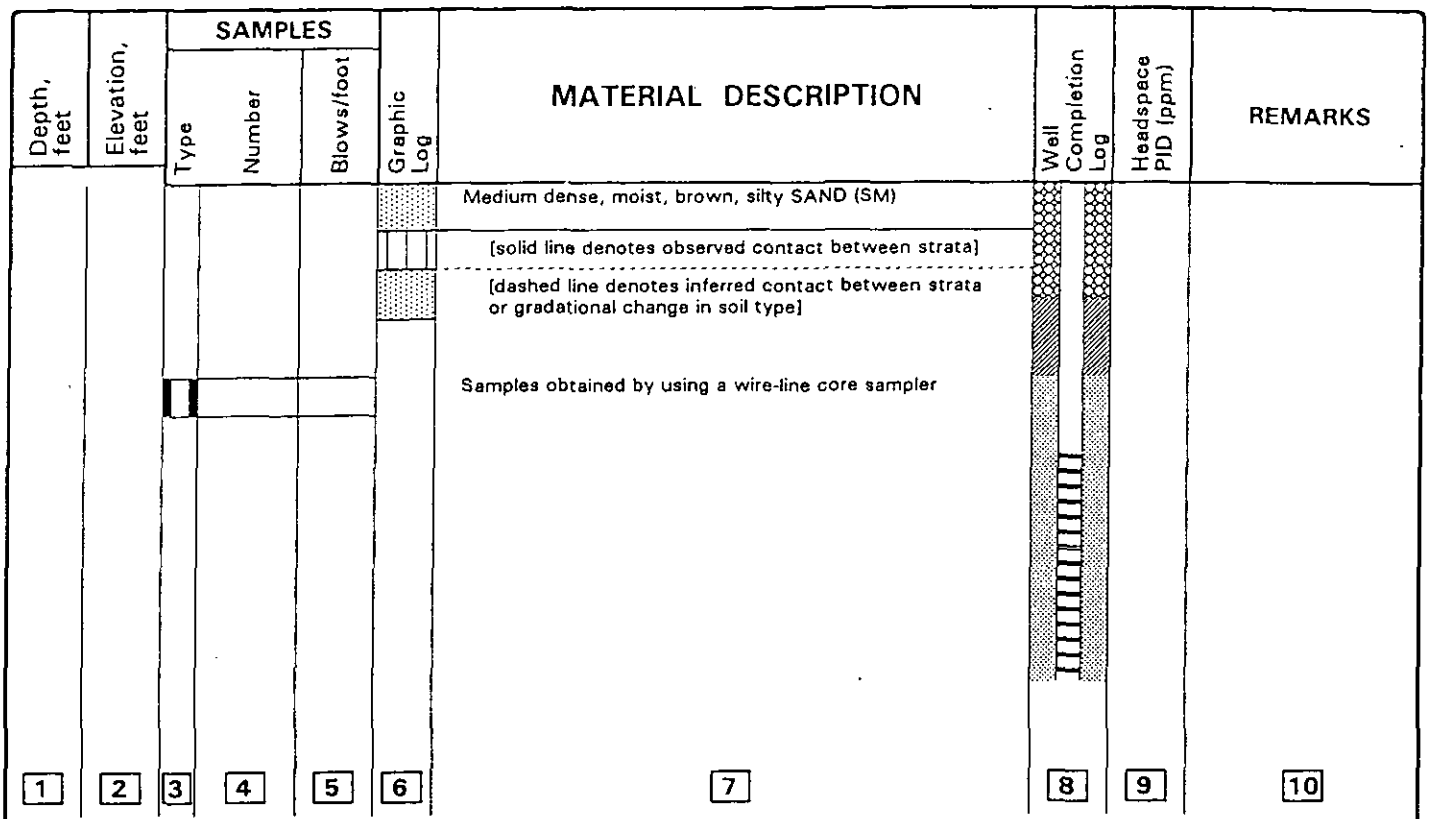
SITE FACILITY MAP
ROHR, INC.

DRAWN BY: JD	CHECKED BY: RLS	FIGURE NO: 1
FN: 913163JG	DATE: 11-17-97	PROJECT NO: 9253151A-F102

WOODWARD-CLYDE CONSULTANTS

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Key to Log



COLUMN DESCRIPTIONS

1	**Depth:**	Distance (in feet) below the ground surface.
2	**Elevation:**	Approximate elevation (in feet) referenced from the ground surface.*
3	**Sample Type:**	Type of soil sample collected at depth interval depicted; symbols explained above.
4	**Sample Number:**	Sample identification number.
5	**Sample Blows/foot:**	Number of blows required to advance driven sampler 1 foot, or distance indicated, using a 140-lb hammer (or as otherwise indicated) with a 30-inch drop. "**" indicates blow count for initial 6-inch seating interval of sampling only.
6	***Graphic Log:***	*Graphic depiction of subsurface material encountered; symbology explained* on Sheet 2 of Key.
7	**Material Description:**	Description of subsurface material encountered, including USCS soil designation.
8	***Well Completion Log:***	*Graphic depiction of well construction; symbology explained on Sheet 2 of Key.*
9	**Headspace:**	Photoionization detector (PID) field headspace reading (in parts per million). ND indicates that no organic vapors were detected.
10	***Remarks:***	*Comments or observations regarding drilling/sampling made by driller* or Woodward-Clyde's field personnel

GENERAL NOTES

1. Soil classifications are based on the Unified Soil Classification System (USCS) or recorded and include consistency/relative density (where standard blow count correlation is possible), moisture, and color.
2. Descriptions on these boring logs apply only to the specific boring locations at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or for other times.

ATD = At time of drilling
ND = Organic vapors not detected
NR = Negligible to no recovery

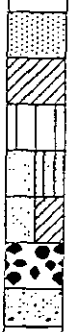
*Based on available topographic plan

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Key to Log

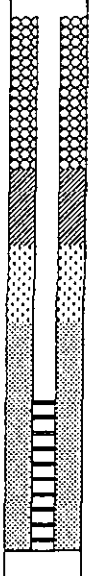
Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS

UNIFIED SOIL CLASSIFICATION SYSTEM
SYMBOL AND ROCK TYPE NAME VERSUS
CORRESPONDING GRAPHIC LOG



Sand
Clay
Silt
Silt/Sand
Sand/Clay
Gravel
Sand with cobbles

SYMBOLS USED IN WELL
COMPLETION LOG



Casing in cement grout
Casing in bentonite grout
Casing in Lonestar #1/20 sand
Casing in Lonestar #3 sand
Slotted casing in filter pack

URS Greiner Woodward Clyde

Figure B-1

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 1 of 9

Date(s) Drilled	11/2/98 through 11/12/98	Logged By	KS, VW, RKS	Checked By	RKS
Drilling Method	Mud Rotary	Drill Bit Size/Type	94-mm wireline core, 5 7/8" tricone	Total Depth Drilled (feet)	302.0
Drill Rig Type	CME 75, Canterra 550	Drilled By	Tri-County Drilling	Hammer Weight/ Drop (lbs/in.)	--
Groundwater Level (feet)	3	Date Measured	11/2/98	Approx. Surface Elevation (feet, MSL)	5.0
Location:	South of Building 61			Borehole Backfill	Bentonite grout

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
0	5					FILL Asphalt over rock base and silt			Following drilling boring was E-logged
						BAY POINT FORMATION (ALLUVIUM) Moist, olive brown, silty CLAY (CL) Becomes wet, dark gray to black, clay			1" sand lens at 3'
5	0					Becomes reddish brown, silty CLAY (CL) with trace sand			
						Moist, reddish brown, clayey SAND (SC)			
			NR						
10	-5		DB-1-HP10			Wet, olive brown, sandy CLAY and silty CLAY (CL)			TDS, GM
									Wood fragments at 11.5' and 12'
						Wet, brown, silty SAND (SM) with trace gravel			
15	-10					Wet, olive brown, clayey SILT (ML)			
						Wet, olive brown, silty CLAY (CL), with gravel			
						Wet, olive brown, SILT (ML), with some clay			
						Wet, olive brown, fine sandy CLAY (CL)			
						Becomes silty clay			
20	-15					Wet, brown, clayey SAND with silt (SC/ML)			
						Wet, brown, silty SAND (SM) with trace of clay			
			NR			Wet, brown, fine SAND (SP), micaceous			
			DB-1-HP24						TDS, GM
25	-20					Wet, olive brown, CLAY (CL)			
						With trace of sand at 26.5 feet			
						Wet, olive brown, silty fine SAND (SM) with medium sand at 27.5'			
			NR			Wet, brown, CLAY (CL)			
30	-25								

URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 2 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
30	-25					Becomes silty at 33'			
35	-30					Wet, olive brown, SILT (ML)			
						Wet, olive brown, silty fine SAND (SM) with iron staining at 37.5-38.5'			
						Wet, olive brown, silty CLAY (CL) with silty fine sand lenses			
40	-35					Wet, olive brown, fine SAND (SM)			
						Wet, olive brown, fine to coarse SAND (SW), with abundant shells			
			NR			Wet, olive brown, fine SAND (SP) with trace of silt and no shells			
45	-40		NR			Wet, gray, fine to medium SAND (SP)			
						Wet, brown, clayey SAND (SC)			
			DB-1 -49						
50	-45					Wet, reddish brown, fine silty SAND (SM) with CLAY (CL)			P, GS
						Wet, olive brown, silty CLAY (CL)			
						Wet, gray, fine to medium SAND (SP)			
						With coarse sand, shells and sandy clay lenses from 52'-52.8'			
			NR			Wet, olive brown, sandy to silty CLAY (CL)			
55	-50					Wet, grayish brown, fine to medium SAND (SP)			
			NR			Wet, brown, silty SAND (SM) with trace of clay			
						Wet, olive brown, clayey SILT (ML)			
			NR			Wet, olive brown, sandy CLAY to clayey SAND (CL/SC)			
			NR						
60	-55		DB-1 HP60			Wet, reddish brown, sandy to silty CLAY (CL)			TDS, GM
			NR						
						Wet grayish brown, silty SAND (SM)			
65	-60								

Figure B-2

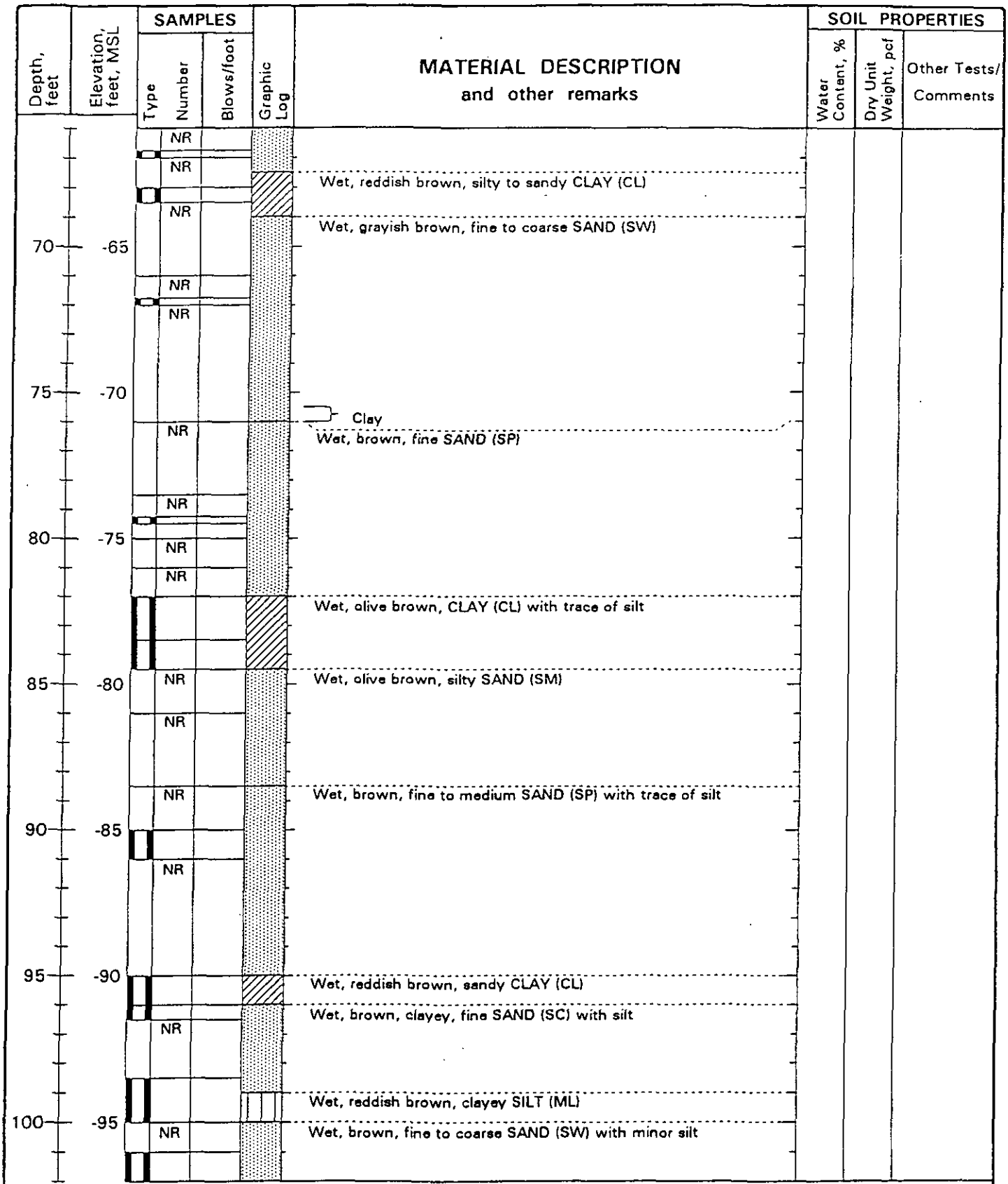
URS Greiner Woodward Clyde

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 3 of 9



URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 4 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
						Wet, reddish brown, sandy CLAY (CL) with silt			GS
105	-100	DB-1	103.5			Wet, brown to reddish brown, clayey, fine to medium SAND (SC)			
			NR			Wet, brown, medium SAND (SP) with some coarse sand			
		DB-1				Becomes finer grained with trace of silt			
		HP	108.5			Wet, olive brown, silty CLAY (CL)			TDS, GM
110	-105		NR			With less silt			
						Wet, olive brown, clayey SILT (ML) with fine sand			
			NR						
			NR			*Wet, brown, fine to coarse SAND (SW)*			
115	-110	DB-1	116.5			Wet, brown, fine to medium SAND (SP) with some silt and clay			P, GS
			NR						
120	-115					Wet, olive gray, clayey SAND to sandy CLAY (SC/CL)			More cohesive and partially stratified
			NR						
						Wet, olive brown, silty CLAY to clayey SILT (CL/ML)			
			NR						
125	-120					Wet, reddish brown, fine silty SAND (SM), with clay, micaceous			Cobble present in sample
			NR						
						Becomes coarser grained			
			NR			Wet, olive brown, clayey SAND to sandy CLAY (SC/CL)			
130	-125								
			NR			Wet, olive brown and reddish brown, clayey SAND with gravel and cobbles (SC/GM)			
						Wet, brown, clayey SILT (ML), with trace of very fine sand and gravel at 133'			
			NR						
135	-130					Becomes more clayey			
			NR						
						Wet, grayish brown, silty, fine to medium SAND (SM)			

Figure B-2

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 98530678-0100

Log of Boring DB-1

Sheet 5 of 9

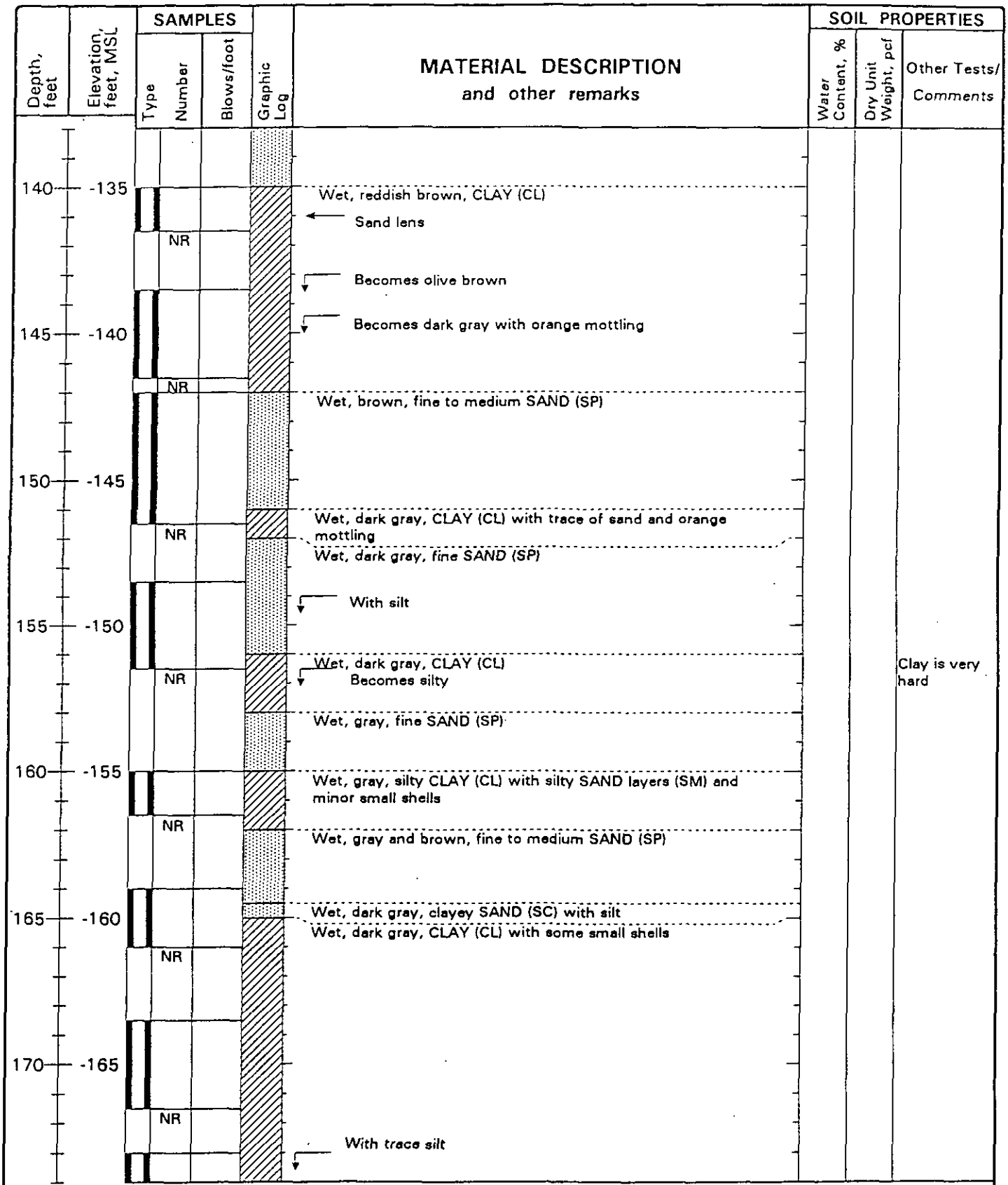


Figure B-2

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 6 of 9

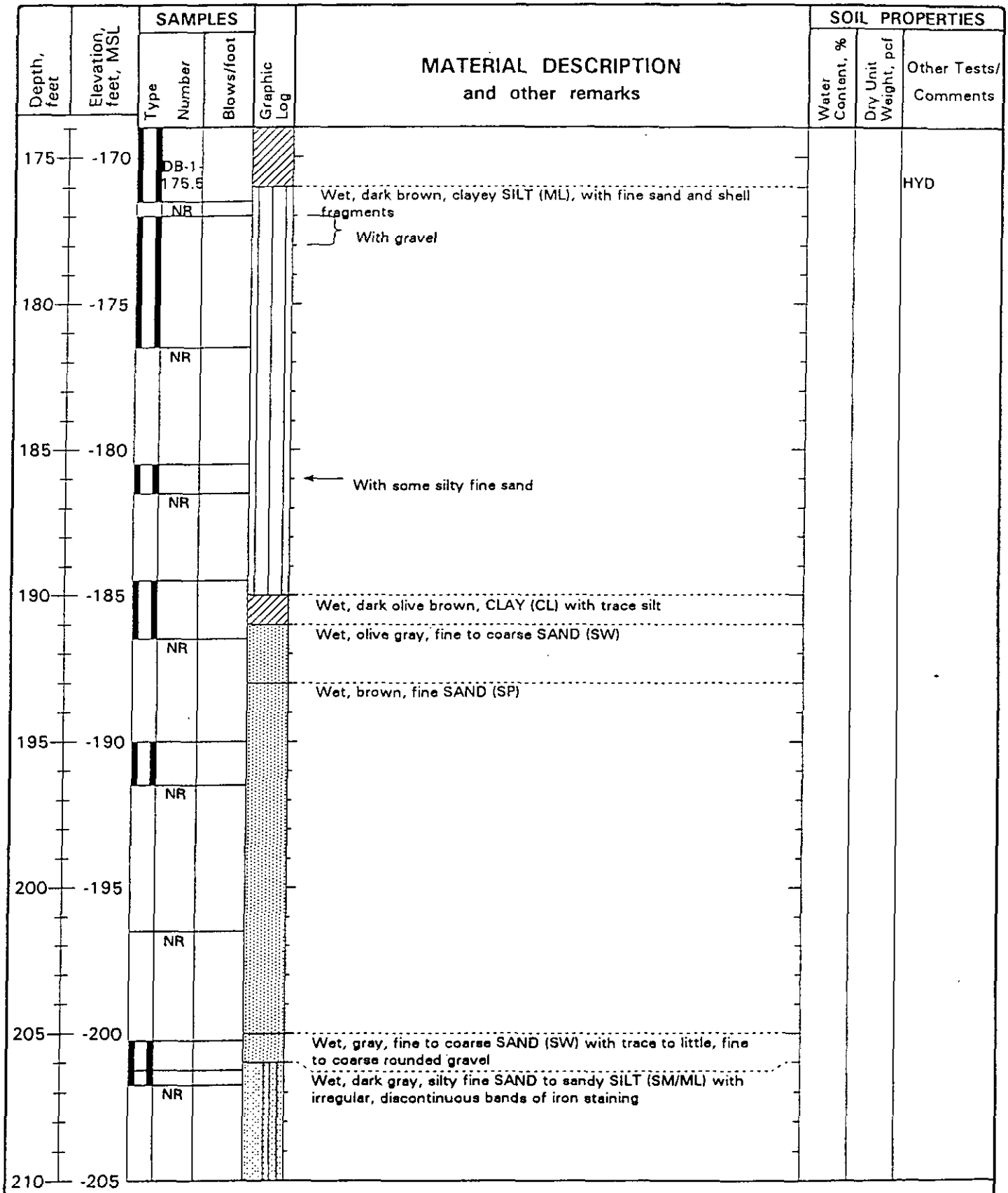


Figure B-2

URS Greiner Woodward Clyde

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

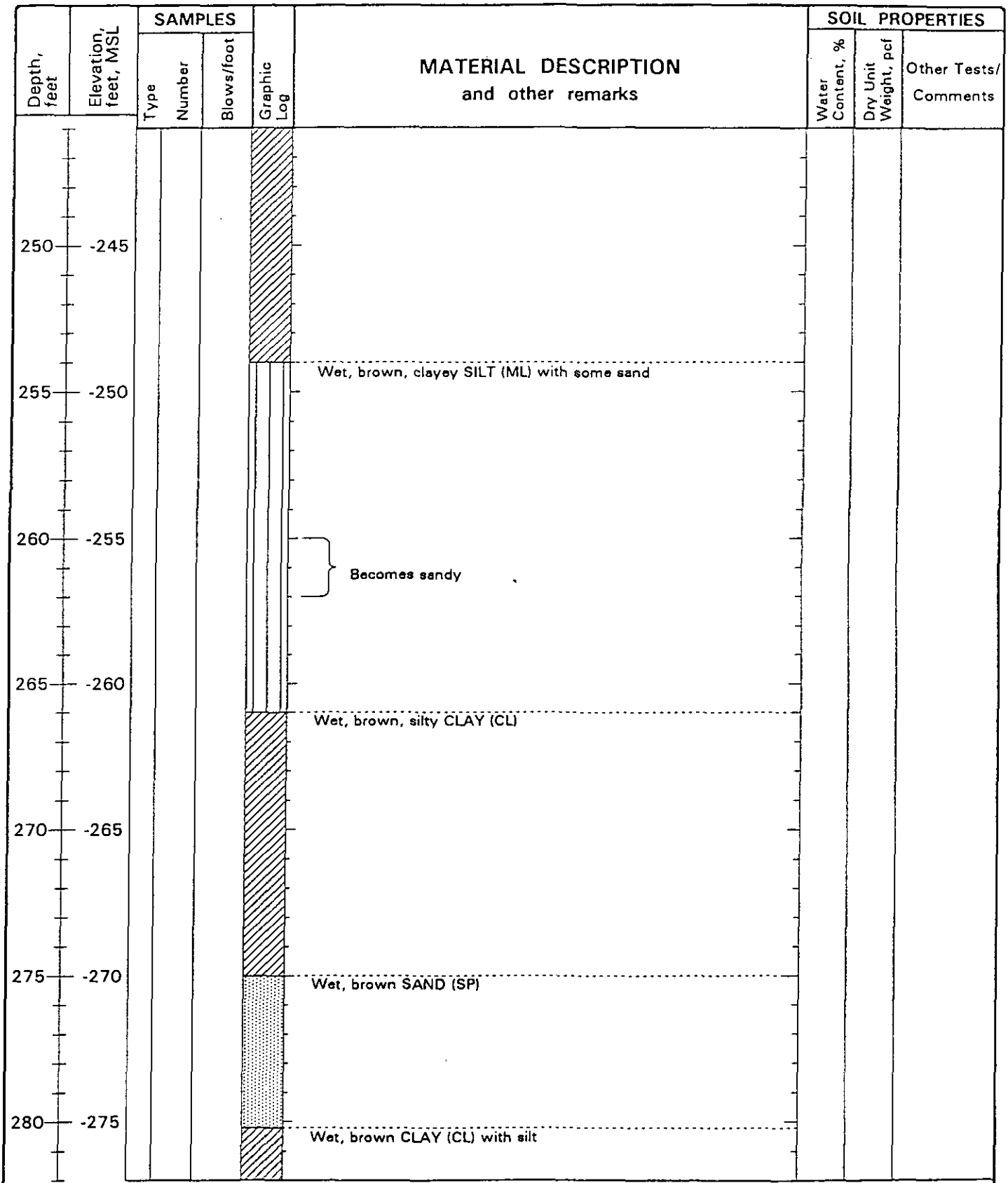
Sheet 7 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
210	-205					Wet, gray, silty, fine to medium SAND (SM) with trace gravel			
						Wet, dark gray to dark olive gray, sandy SILT and interbedded dark gray, silty CLAY (ML-CL) with zones of iron staining			
						Wet, gray, silty to sandy GRAVEL (GM)			
215	-210					Wet, Brown, medium to coarse SAND (SP) with gravel			
						Wet, brown, medium to coarse SAND (SP) and sandy GRAVEL (GP)			
220	-215								
225	-220								
									Refusal with coring system at 227'. Resume drilling with tricone bit. Borehole logged by drilling rate and cuttings. SP log used to verify lithology.
230	-225					Wet, brown, sandy CLAY (CL) with trace gravel			
235	-230								
240	-235					Wet, brown, clayey to silty SAND (SC/SM)			
245	-240					Wet, brown, silty CLAY (CL)			

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 8 of 9



URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-1

Sheet 9 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
285	-280					Wet, brown, medium to coarse SAND (SP)			
						Clay			
290	-285								
						Wet,. brown, silty CLAY (CL)			
295	-290					Wet, brown, medium to coarse SAND (SP)			
						Wet, brown, silty CLAY (CL)			
300	-295								
						Bottom of boring at 302 feet Boring backfilled with bentonite grout			
305	-300								
310	-305								
315	-310								

URS Greiner Woodward Clyde

Figure B-2

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 1 of 10

Date(s) Drilled	11/19/98 through 12/22/98			Logged By	K. Shirley	Checked By	R. Scott
Drilling Method	Mud Rotary			Drill Bit Size/Type	2" ID wireline core, 5" coring drag bit	Approx. Surface Elevation (feet, MSL)	22.0
Drill Rig Type	Failing F-8			Drilled By	THF Drilling	Total Depth Drilled (feet)	380.0
Depth to Groundwater (feet, bgs)	First 14	Completion --	Sampling 14.74	Number of Samples	Disturbed: NA / Undisturbed: NA	Sampler Type	Wire-line core barrel
Diameter of Hole (inches)	12&5-7/8	Diameter of Well (inches)	6	Type of Well Casing	Schedule 80 PVC	Screen Perforation	0.020"
Type of Filter Pack	Lonestar #3 and #1/20			Type of Seal(s)	Bentonite grout		
Boring Location	North of Building 99						

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					BAY POINT FORMATION (ALLUVIUM) Asphalt over moist, brown, silty fine SAND (SM)			
5	15					Moist, brown, fine to medium SAND (SP) with trace of silt			
10	10					Moist, brown, silty SAND (SM) with trace of clay Moist, brown, clayey fine SAND (SC) with silt (ML)			
			NR			Wet, brown, fine to medium SAND (SM)			
15	5		NR			Becomes finer grained with trace of silt Becomes coarser grained			Attempted to obtain hydropunch sample *from 15' to 18';* however, unable to push sampler due to density of material
			NR			Becomes finer grained with trace of silt Becomes coarser grained			
20	0					Silt or clay? (confirm with E-log)			
25	-5		NR			Wet, brown, fine SAND (SP) Wet, olive brown, silty fine to medium SAND (SM)			
30									

Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 2 of 10

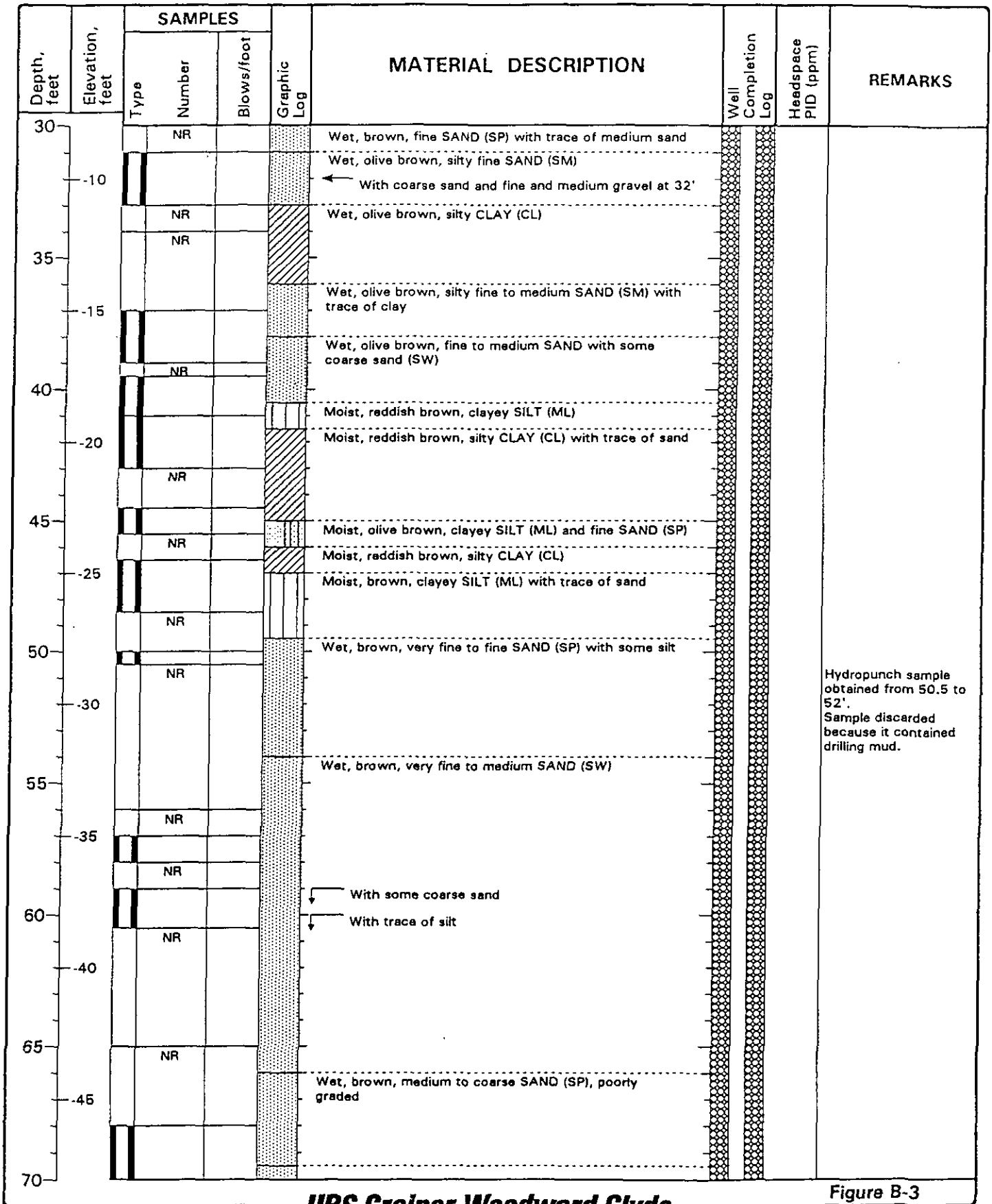


Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 3 of 10

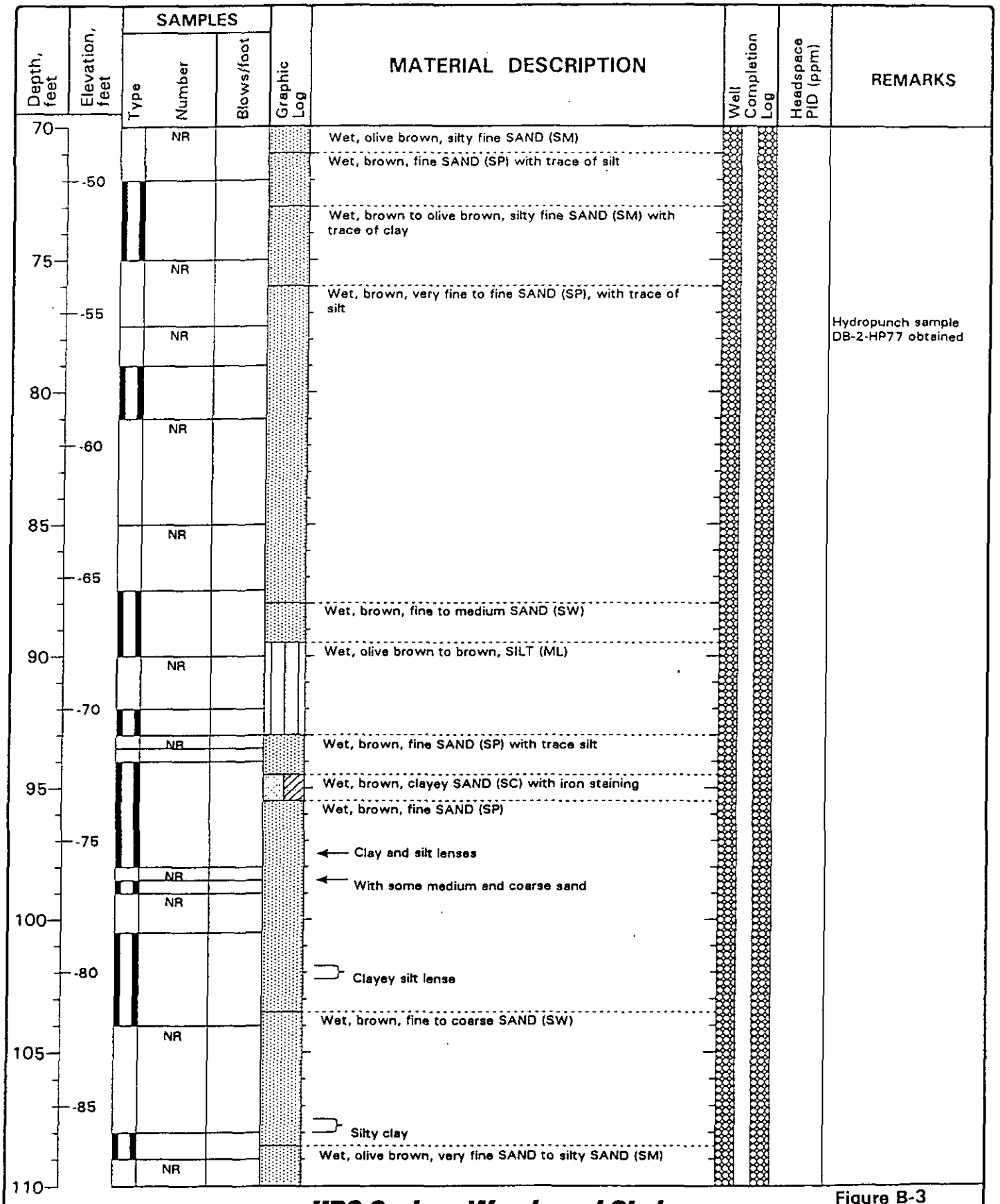


Figure B-3

URS Greiner Woodward Clyde

1/11/99 1WL1C 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 4 of 10

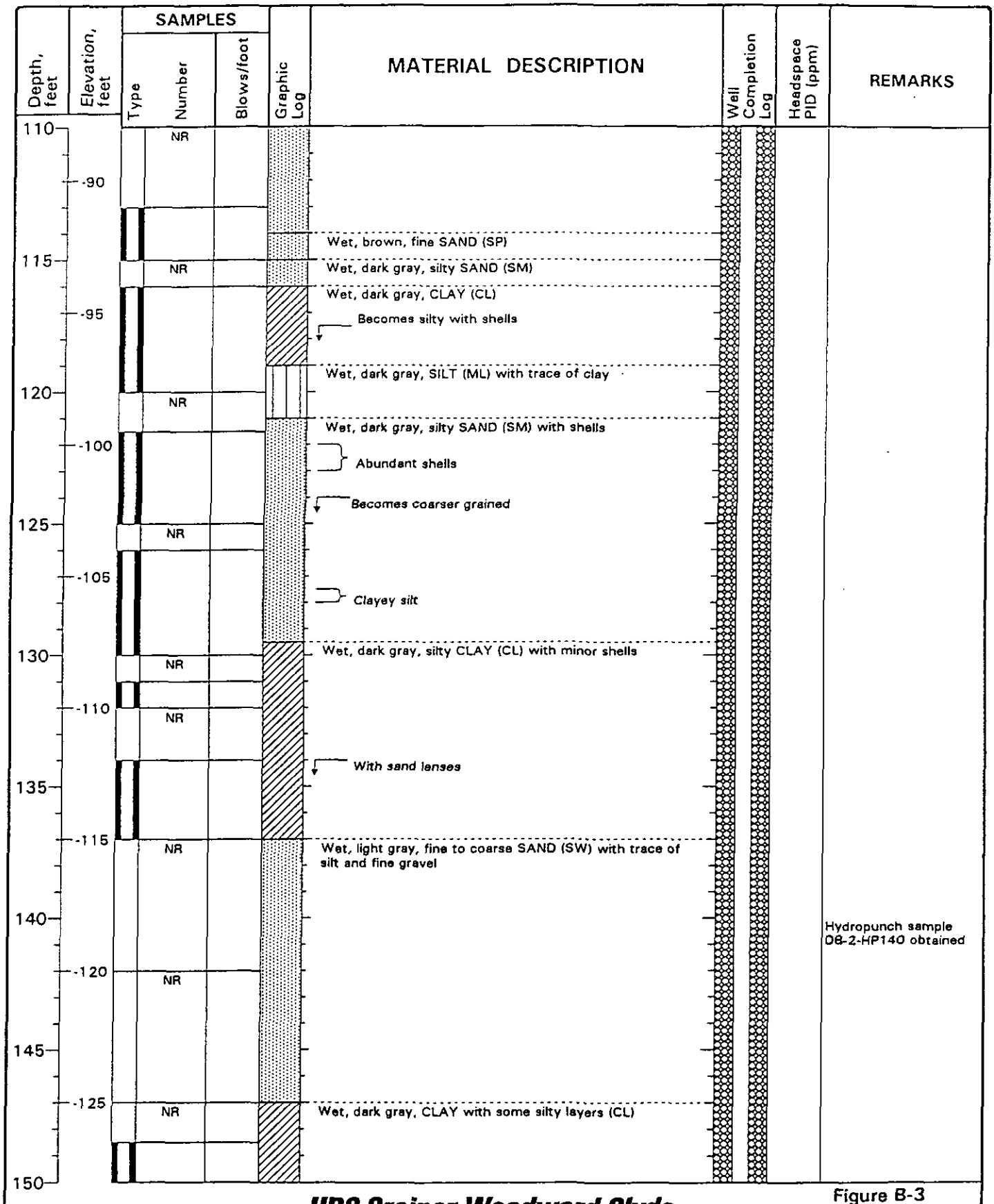


Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 5 of 10

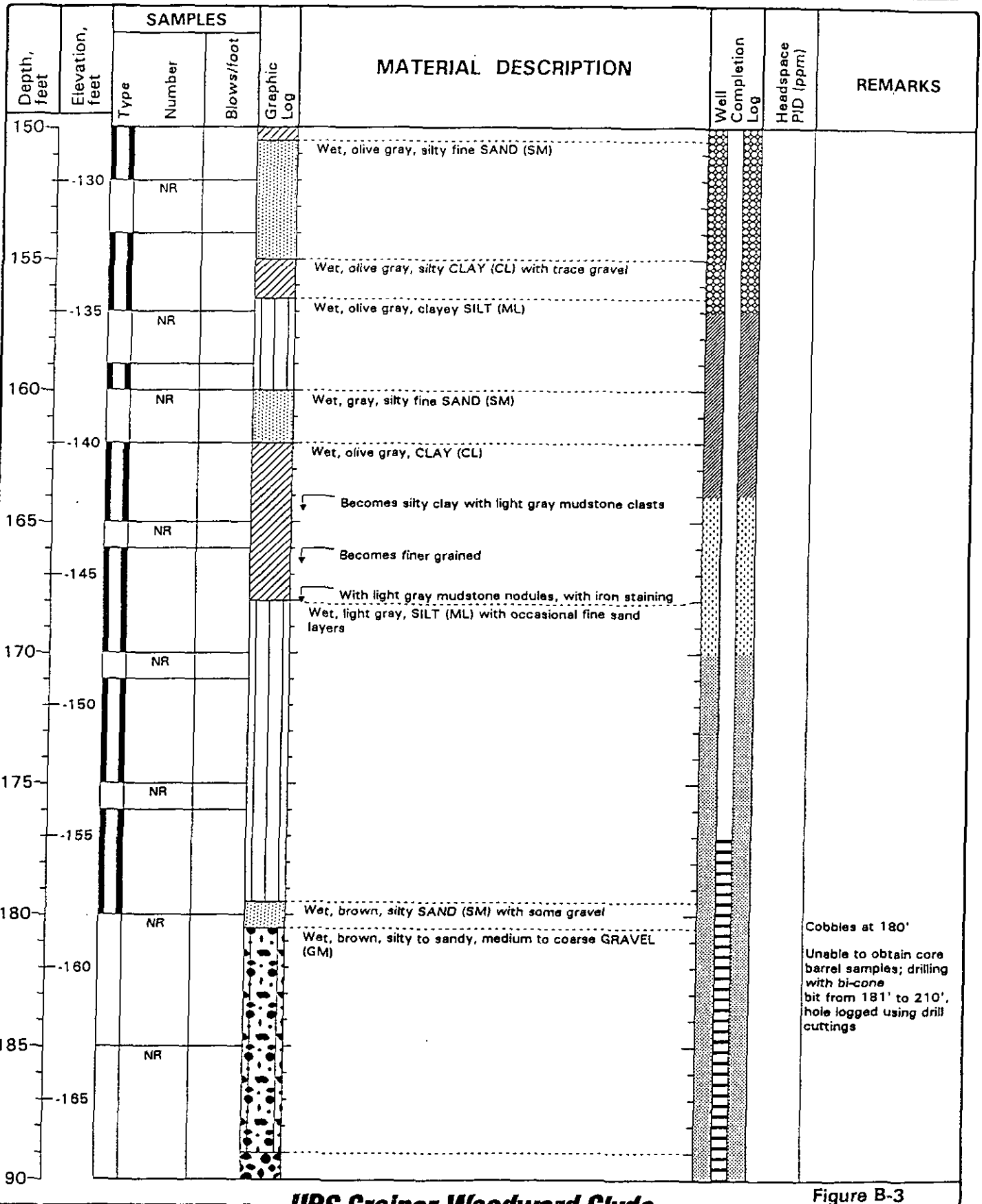


Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

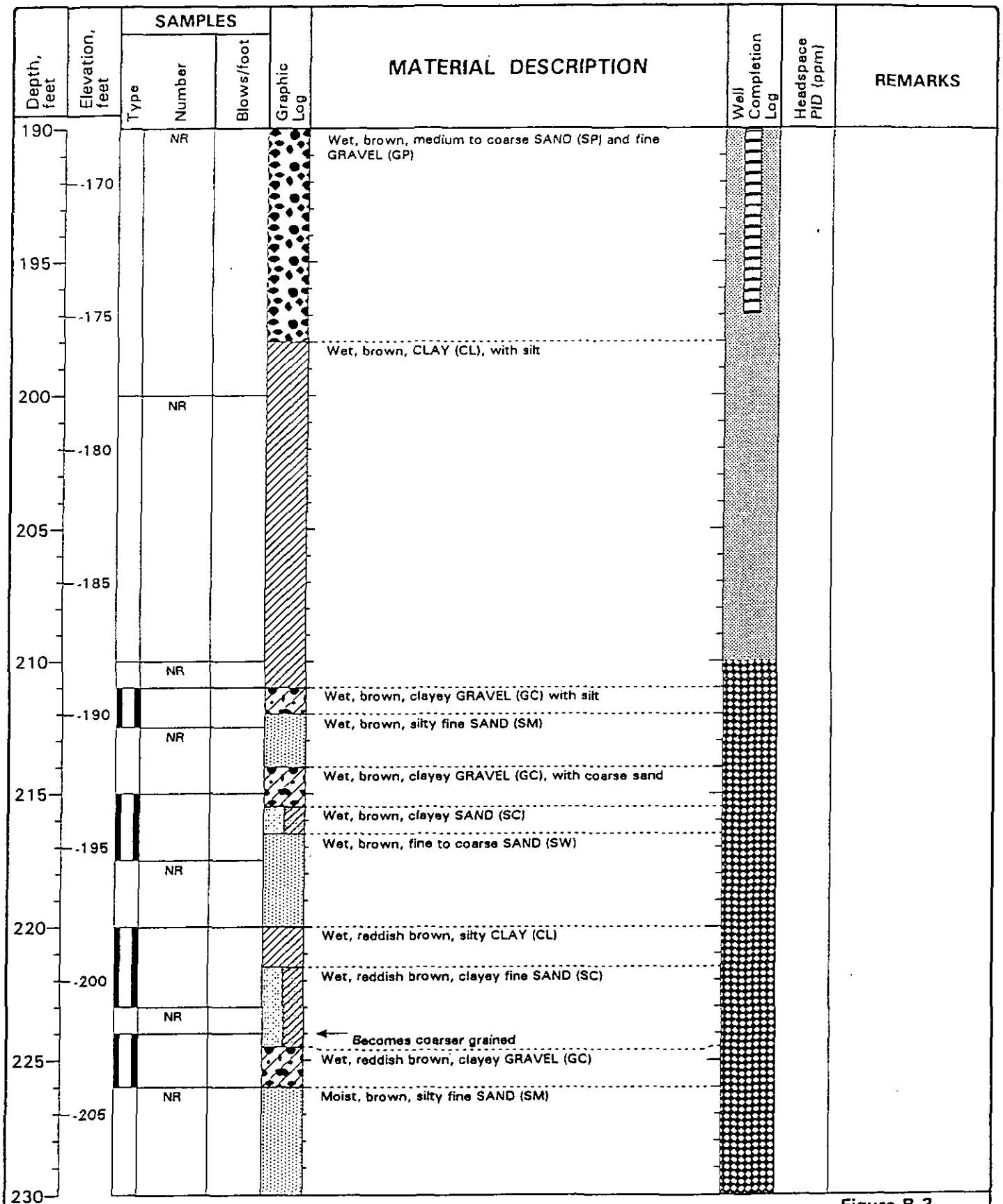


Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 7 of 10

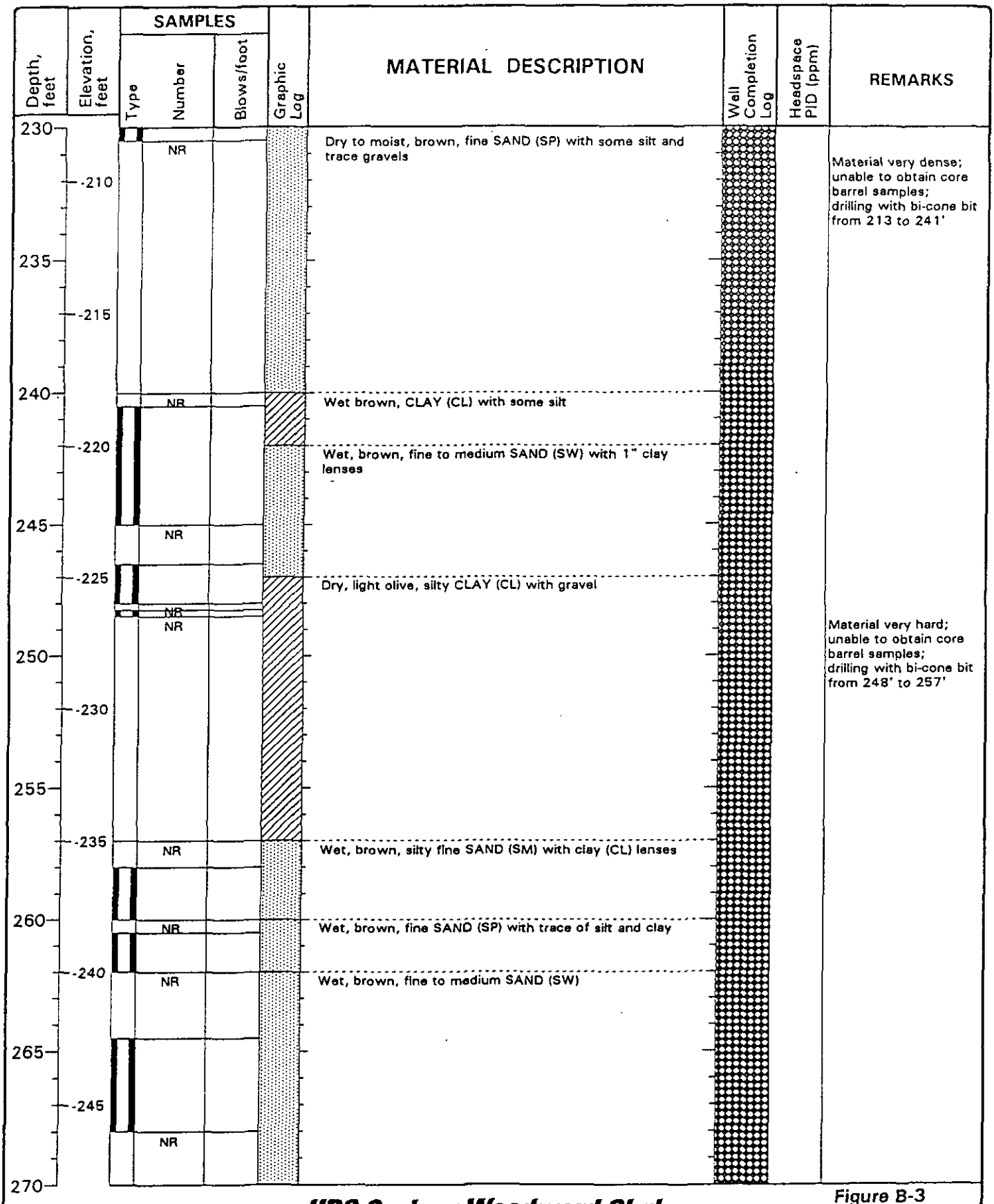


Figure B-3

URS Greiner Woodward Clyde

1/11/99 I:\WL1C 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 8 of 10

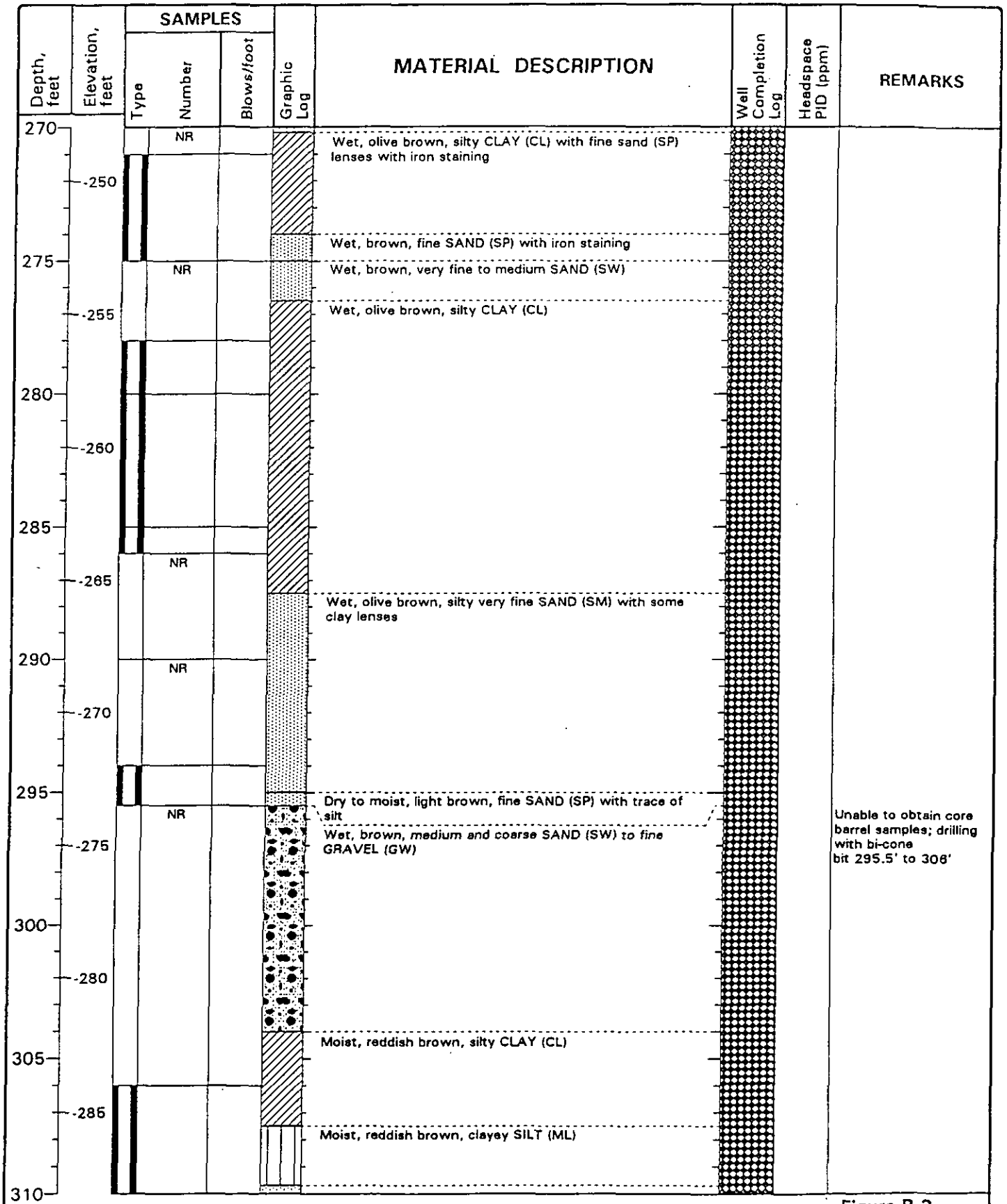


Figure B-3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 98530678-0100

Log of Well DB-2

Sheet 9 of 10

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
310			NR			Moist, reddish brown, silty fine SAND (SM)			
	-290					Wet, brown, fine to medium SAND (SW) with trace fine gravel and silt			
			NR						Very dense sand (unable to core)
315									
	-295								
320									
	-300								
			NR			Wet, brown, silty CLAY (CL)			
325									
	-305								
						Wet, brown, silty SAND (SM) with trace of clay			Very dense sand (unable to core); correlate with E-log
330						Wet, brown, fine SAND (SP)			
			NR						
	-310								
335									
	-315								
340									
	-320								
345									
	-325								
350						Wet brown, SILT (ML), with clay			

Figure B-3

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Well DB-2

Sheet 10 of 10

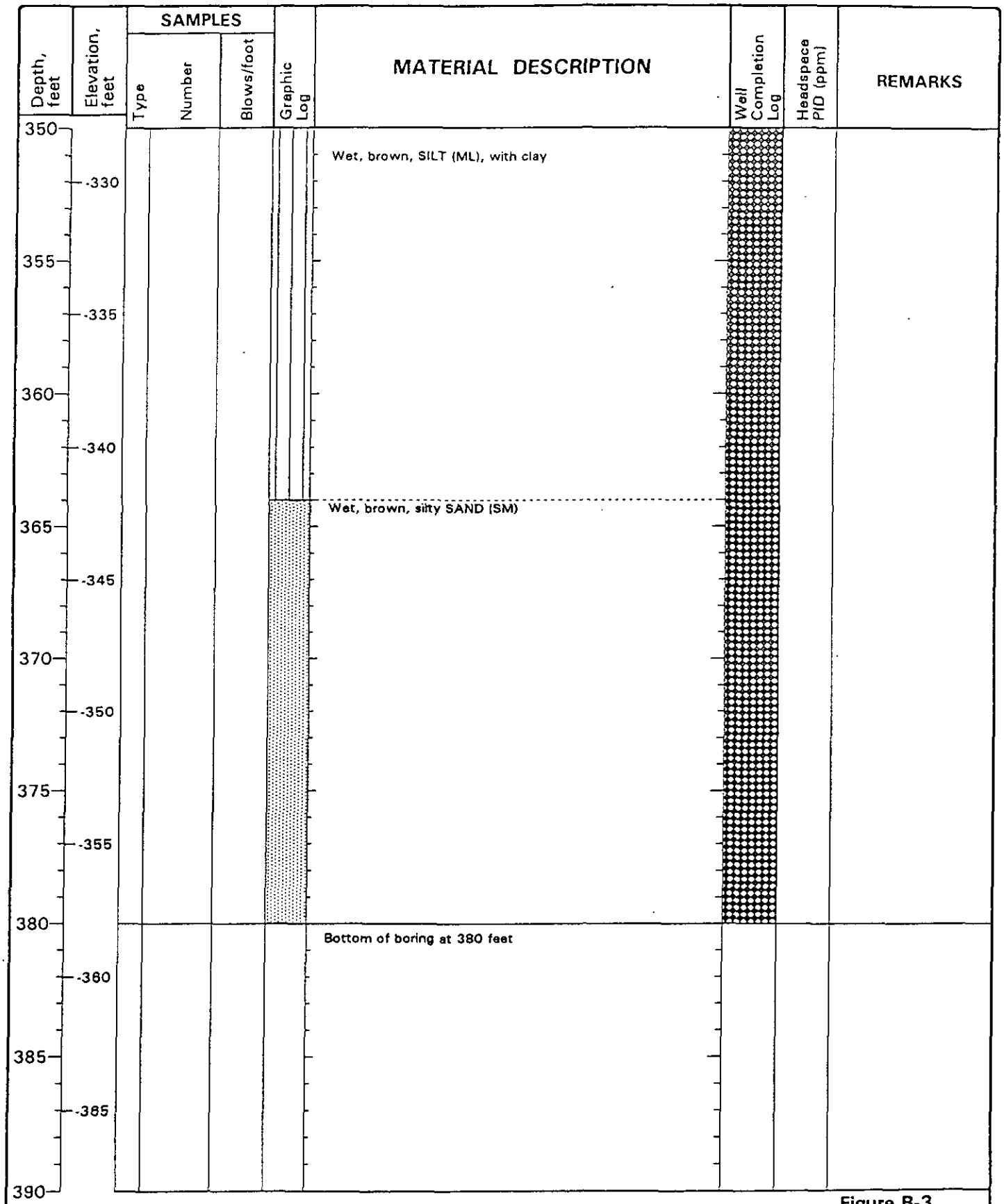


Figure B-3

URS Greiner Woodward Clyde

1/11/99 I WL1C 53067

Project: BFGoodrich Project Location: Chula Vista, CA Project Number: 9853067B-0100	**Log of Boring DB-3** Sheet 1 of 9

Date(s) Drilled	12/17/98 through 12/22/98	Logged By	L. Jacobs	Checked By	R. Scott
Drilling Method	Mud Rotary, steel conductor	Drill Bit Size/Type	6" core bit	Total Depth Drilled (feet)	306.0
Drill Rig Type	Ingersoll Rand TH-100	Drilled By	Beylik Drilling	Hammer Weight/ Drop (lbs/in.)	NA
Groundwater Level (feet)	6	Date Measured		Surface Elevation (feet)	
Location:	Northeast corner of former Building 56			Borehole Backfill	Cement-bentonite grout

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	Other Tests/ Comments
0			NR			ARTIFICIAL FILL 0.2' asphalt over subangular sandy gravel			First 15' with 14" diameter auger; grout, 12" diameter conductor casing to 15'
						BAY POINT FORMATION (ALLUVIUM) Moist, reddish brown, CLAY (CL) with medium to coarse sand Trace of gravel			
5						Moist to wet, brown, clayey SAND (SC)			
10						Wet, dark brown, silty SAND to sandy SILT (SM/ML)			Hydropunch sample collected (DB-3-HP10)
15									Begin coring at 15'
			NR			Wet, brown, fine SAND (SP) with trace of silt			
			NR						
20						Wet, olive, CLAY (CH) with trace of silt			
						Wet, olive, silty fine SAND (SM), with iron staining			
25			NR						
						Wet, olive brown, fine SAND (SP), with iron staining With trace of silt			
30									

Figure B-4

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 2 of 9

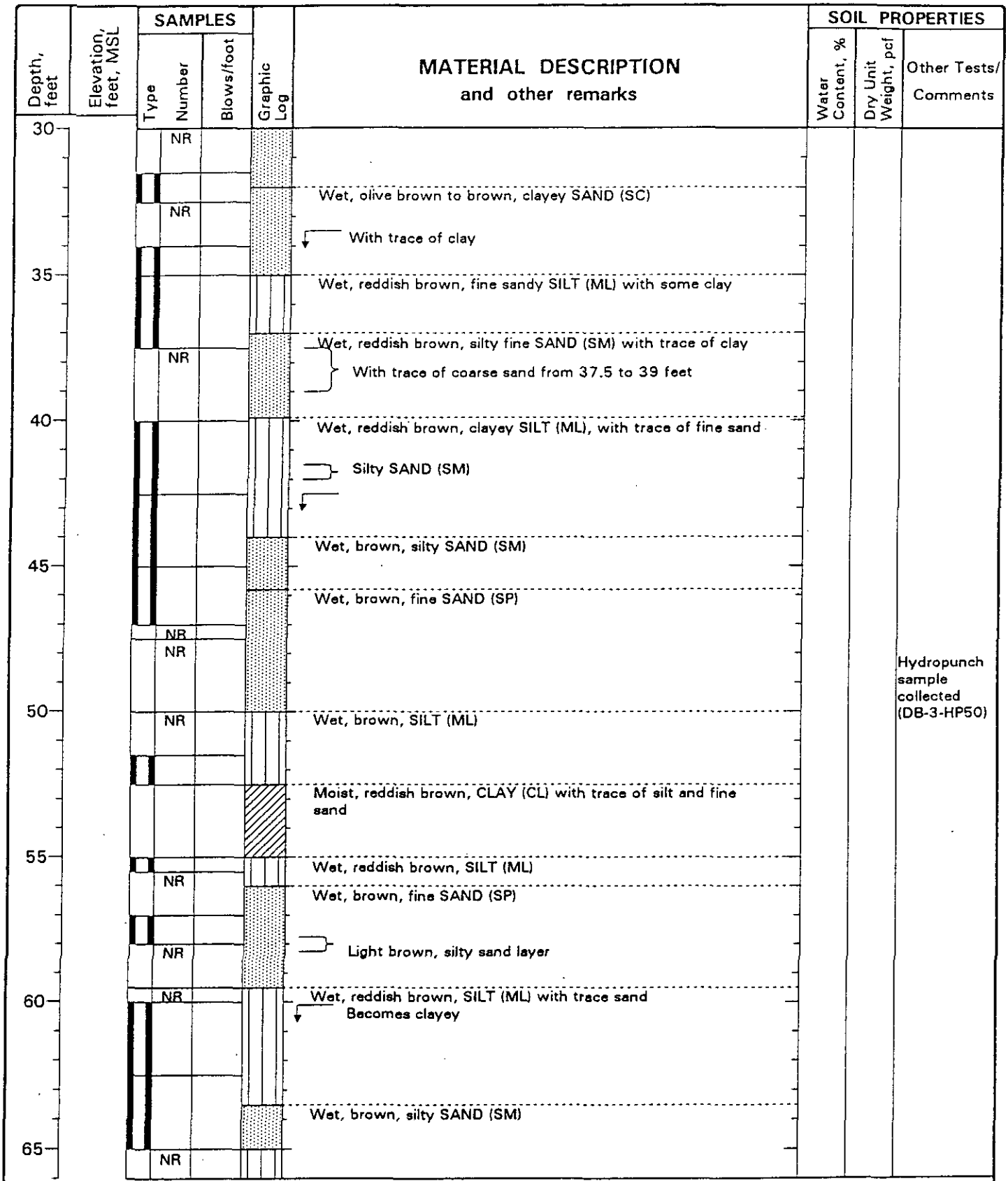


Figure B-4

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

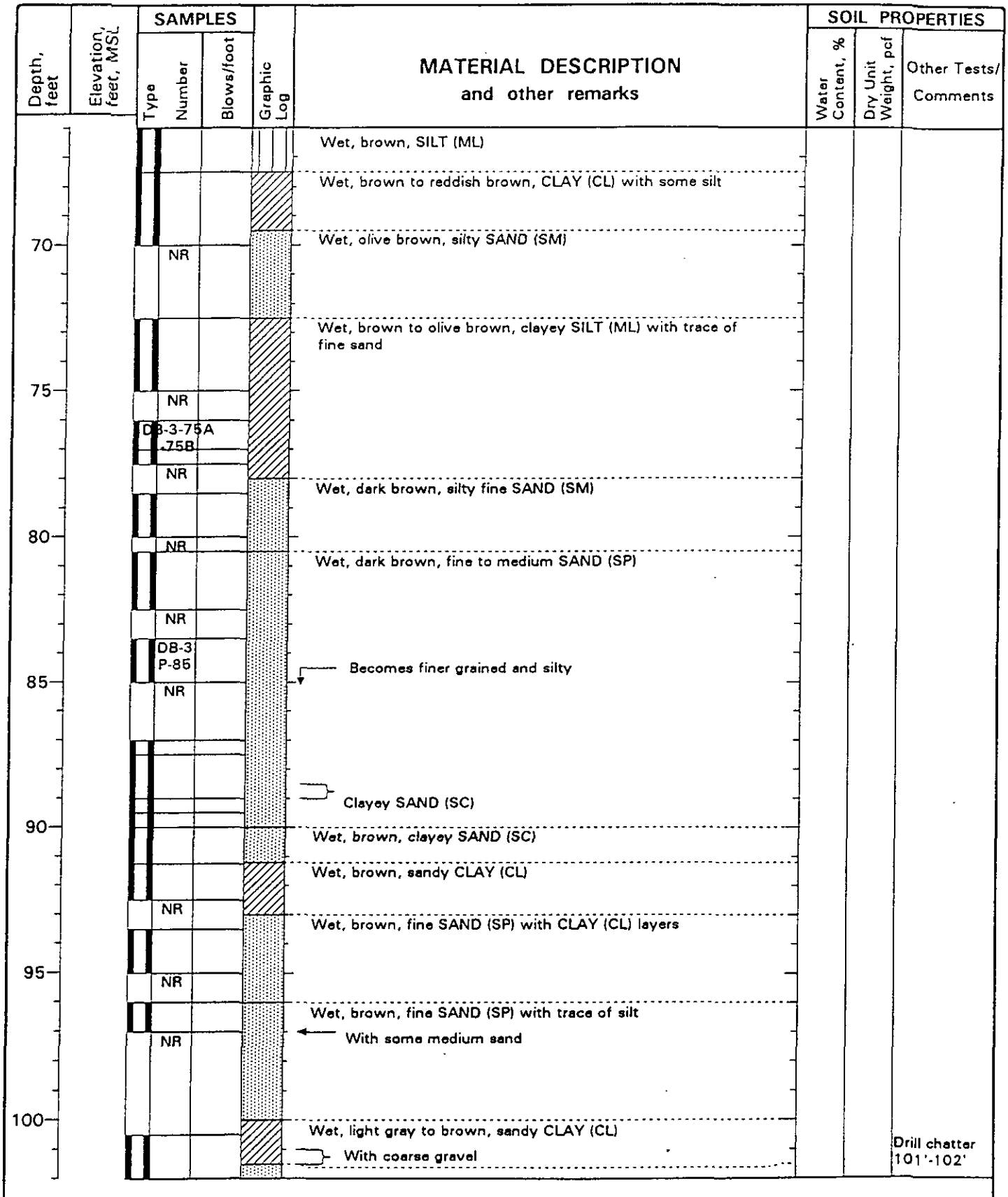


Figure B-4

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 4 of 9

Depth, feet	Elevation, feet, MSL	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION and other remarks	SOIL PROPERTIES Water Content, %	SOIL PROPERTIES Dry Unit Weight, pcf	SOIL PROPERTIES Other Tests/ Comments
						Wet, olive brown to brown, fine SAND (SP) with iron staining			
						Wet, reddish brown, silty SAND (SM) with CLAY (CL) layers			
105			NR						
						Wet, olive brown, CLAY (CL), with trace of silt and iron staining			Hydropunch sample collected (DB-3-HP107)
110			NR			Wet, light gray and black, fine SAND (SP) with trace silt			
						Wet, brown, clayey SAND (SC)			
						Wet, brown to olive brown, fine SAND (SP)			
115						Light gray, fine to medium SAND (SW) With clay			
						Wet, olive gray, silty CLAY (CL) with some iron staining			
						Wet, olive gray, fine SAND (SP) with trace silt			
						Wet, olive gray SILT (ML)			
120			NR			Wet, olive gray, silty SAND (SM)			
						With CLAY (CL) layers			
						Wet, light to olive gray, fine to medium SAND (SP) with trace silt			
125						With shell fragments			
						With trace of coarse sand and more shell fragments			
130			NR			Becomes yellowish brown with trace of silt			
						Moist, dark gray, CLAY (CL), with shells			
135			130B 130A						

Figure B-4

URS Greiner Woodward Clyde

2/19/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 5 of 9

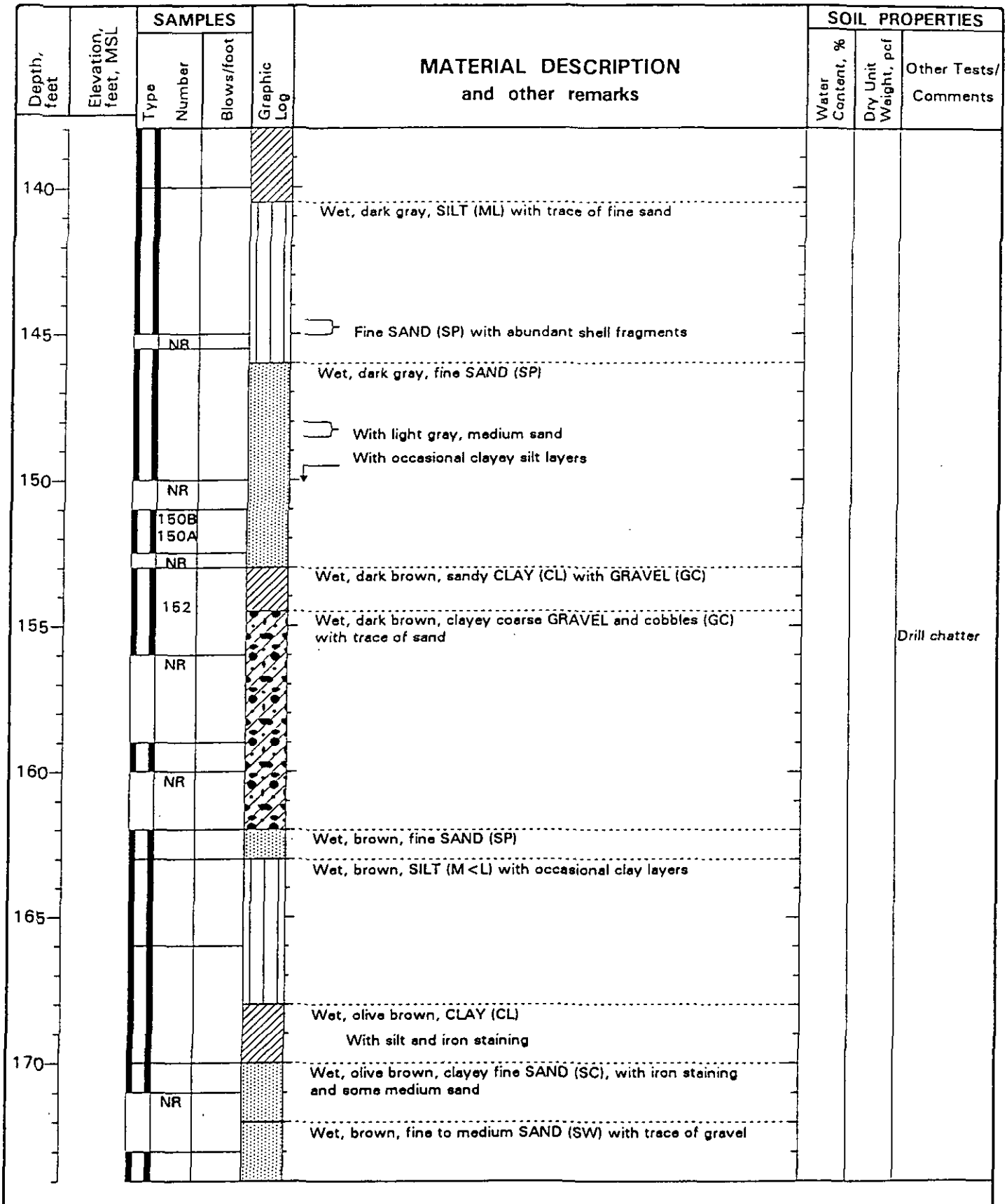


Figure B-4

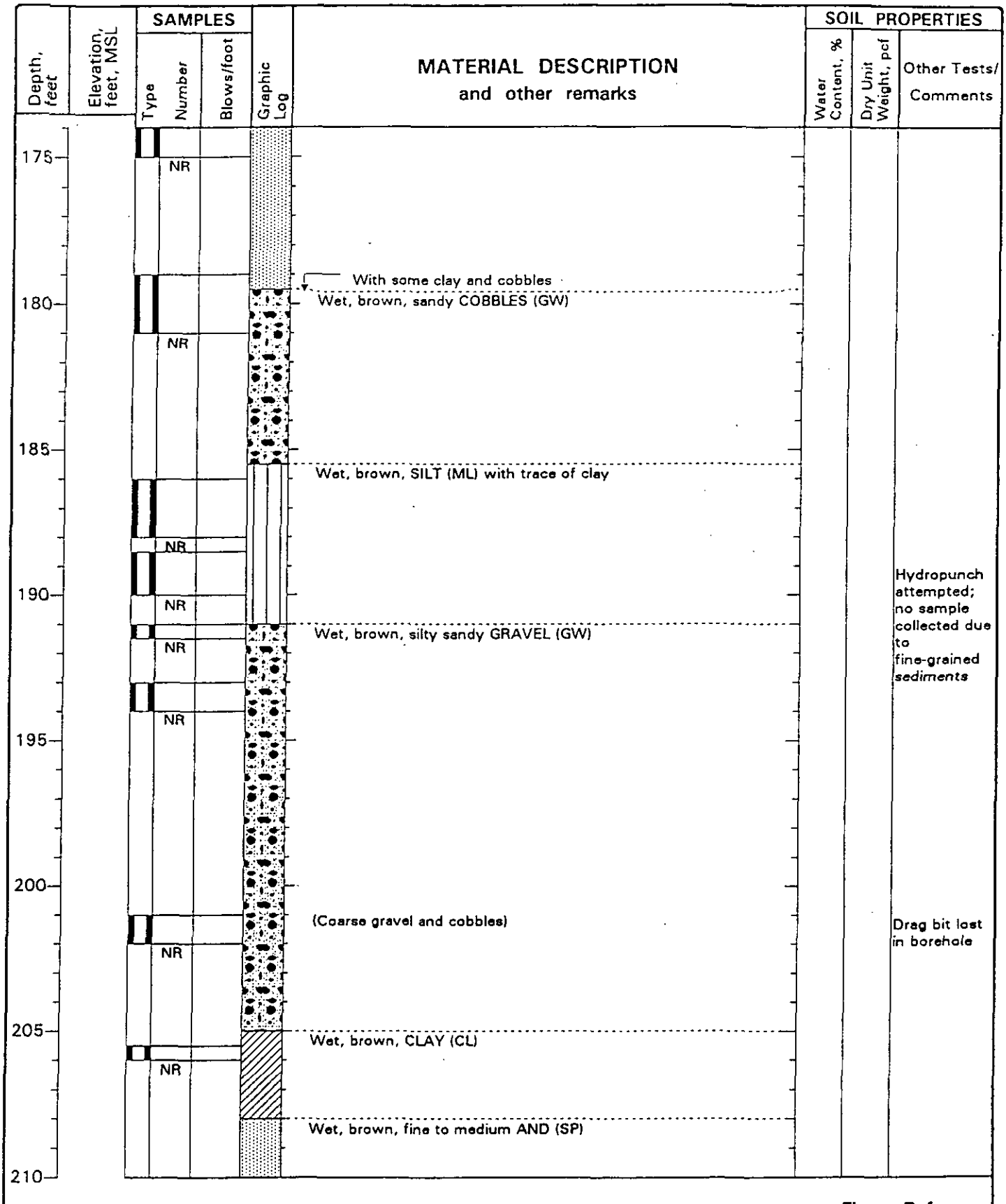
URS Greiner Woodward Clyde

1/11/99 1GLG10 53087

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 6 of 9



1/11/99 1GLG10 53067

URS Greiner Woodward Clyde

Figure B-4

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 7 of 9

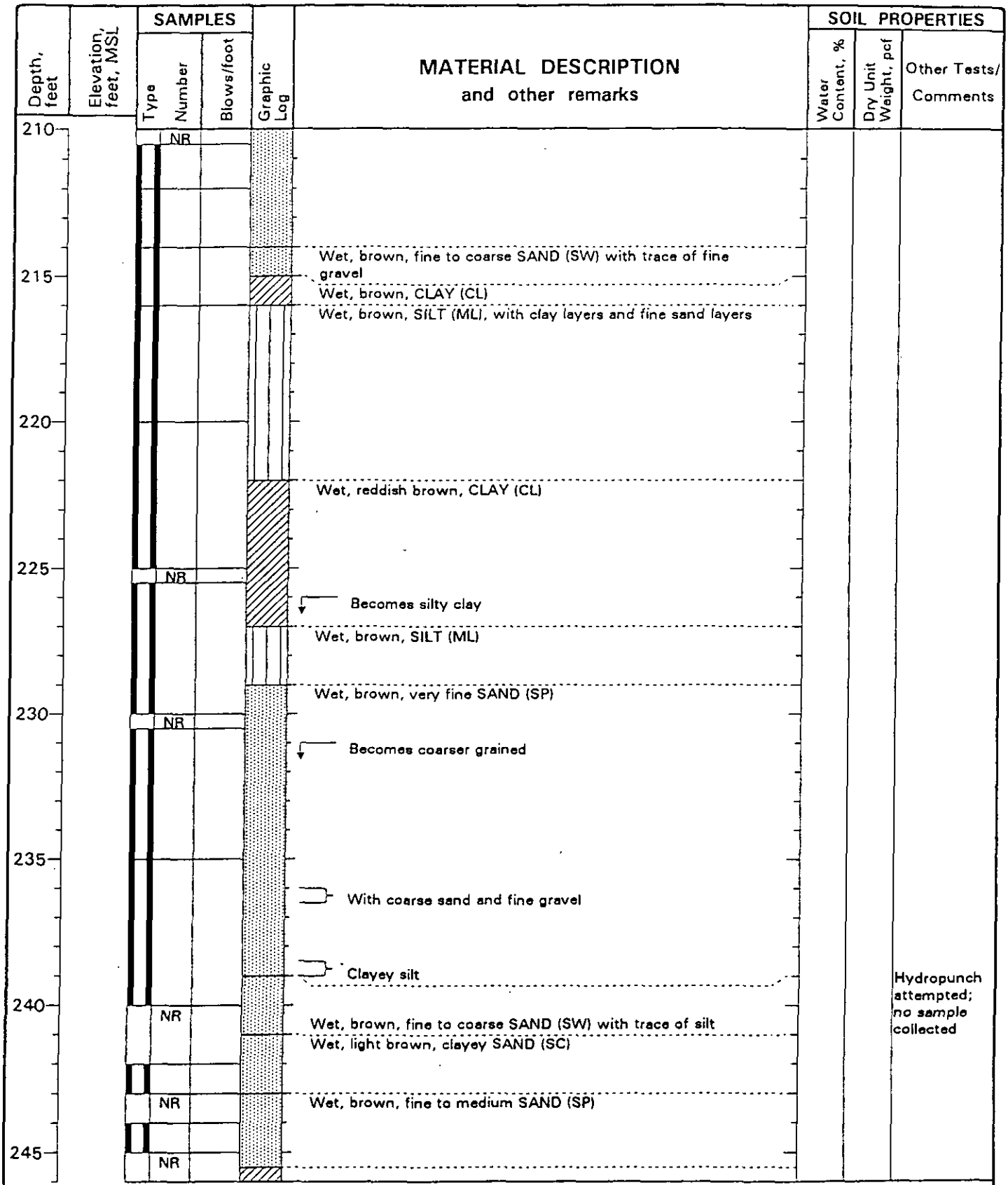
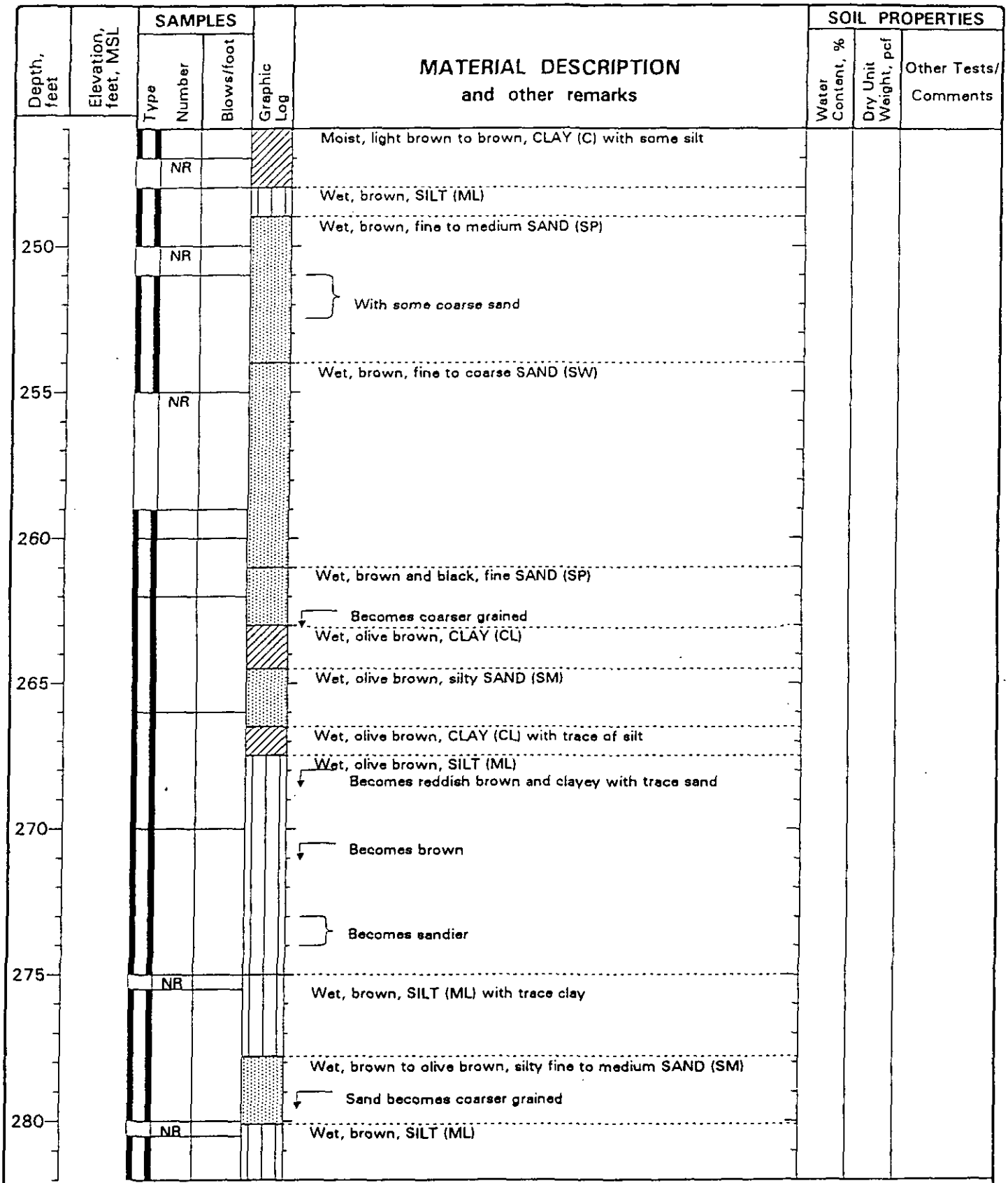


Figure B-4

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 8 of 9



URS Greiner Woodward Clyde

Figure B-4

1/11/99 1GLG10 53067

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 9853067B-0100

Log of Boring DB-3

Sheet 9 of 9

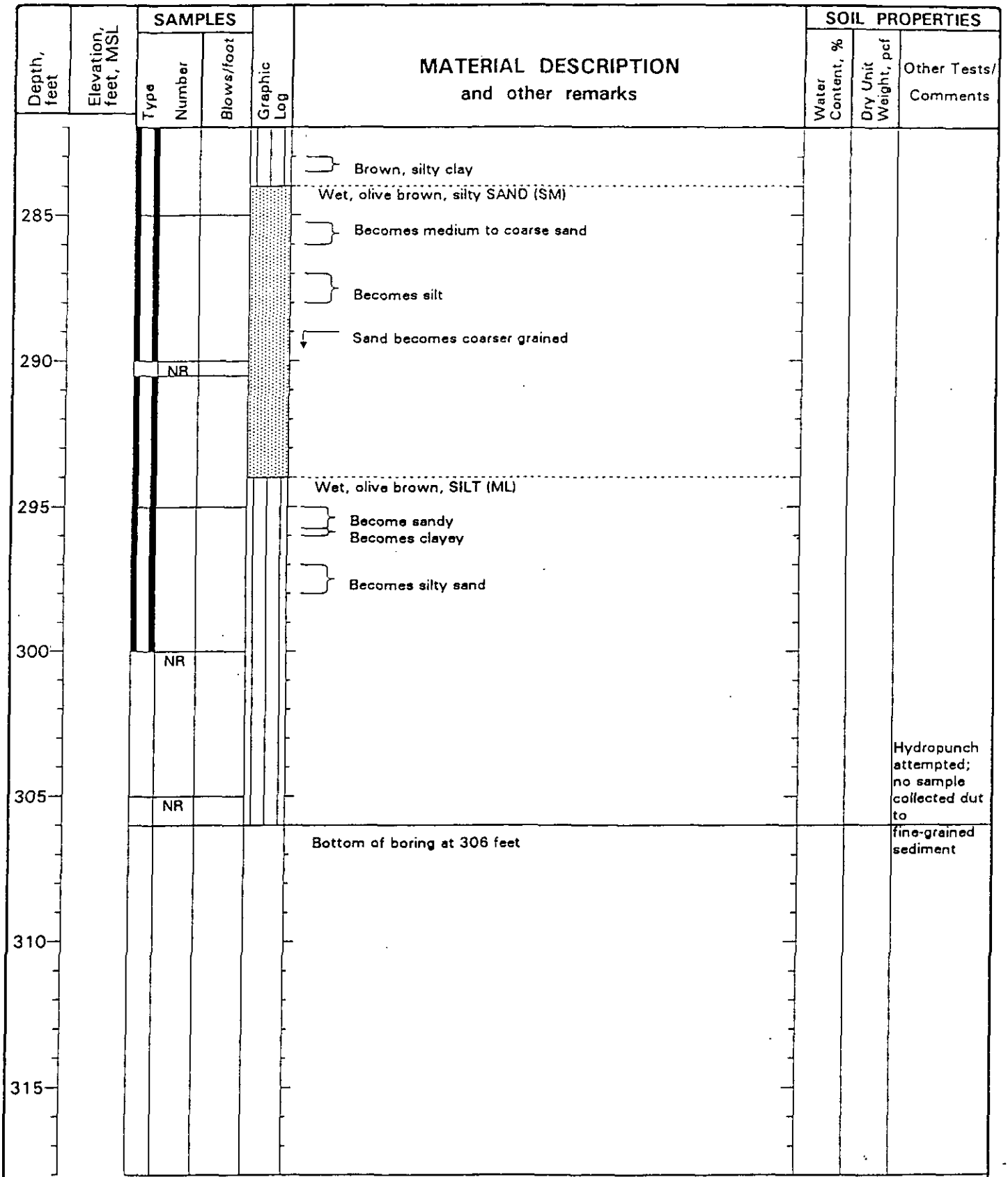


Figure B-4

URS Greiner Woodward Clyde

1/11/99 1GLG10 53067

SEE FIGURE 2 FOR DETAIL OF WELLS INSTALLED FOR AQUIFER TESTING

BAY BOULEVARD

'G' STREET

'H' STREET

'I' STREET

'J' STREET

WALNUT AVENUE

MARINA PARKWAY

PARKING STRUCTURE

TO MARINA

'G' STREET

MARINA PARKWAY

SANDPIPER WAY

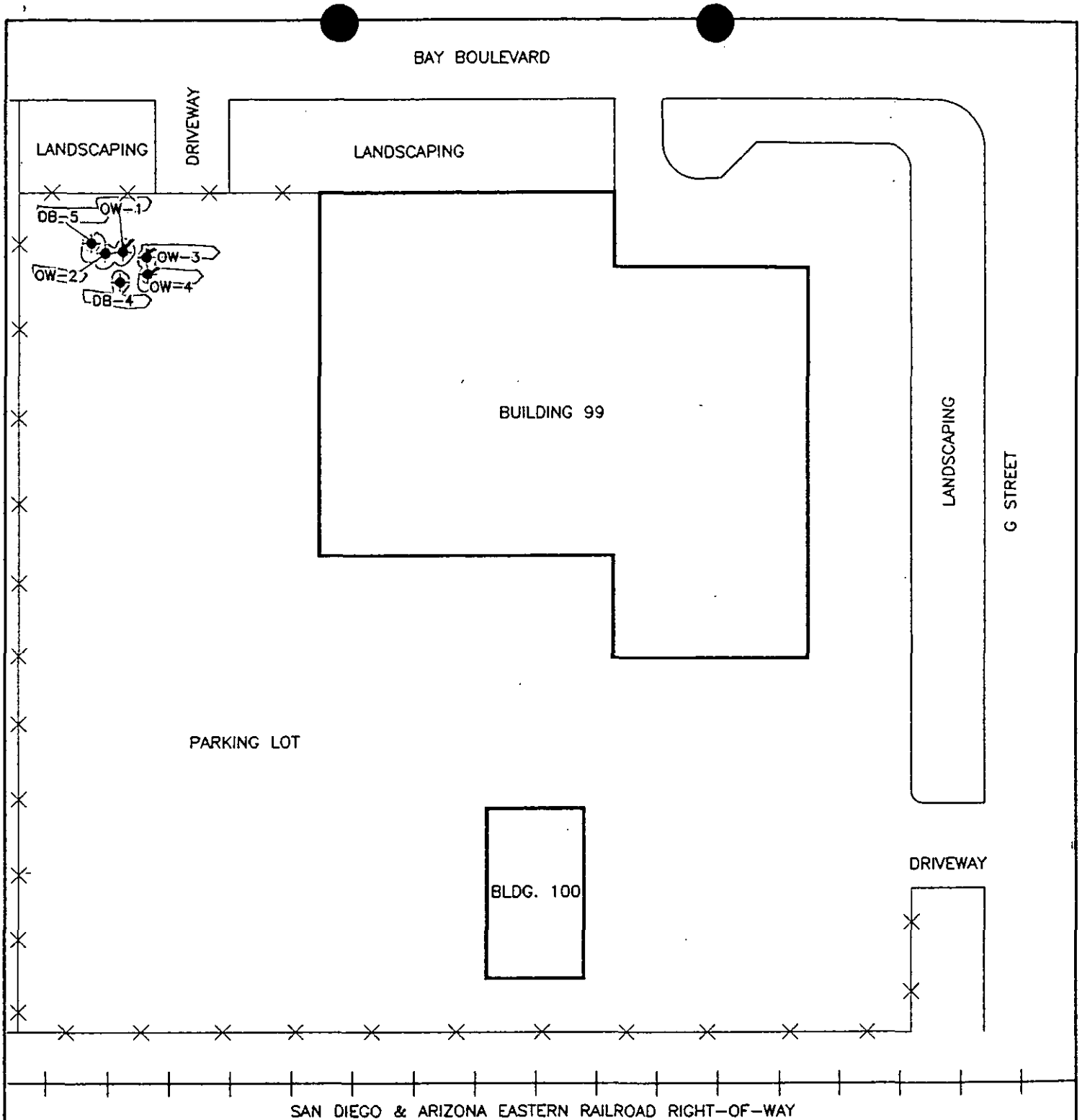
BAY

0 300 600

APPROXIMATE GRAPHIC SCALE (FEET)

SITE FACILITY		
BFGOODRICH – CHULA VISTA		
DRAWN BY: JA	CHECKED BY:	FIGURE NO: 1
FN: AQUSITE	DATE: 10-1-99	PROJECT NO: 58-98530678.00

URS Greiner Woodward Clyde



LEGEND

DB-4 APPROXIMATE LOCATION OF WELL

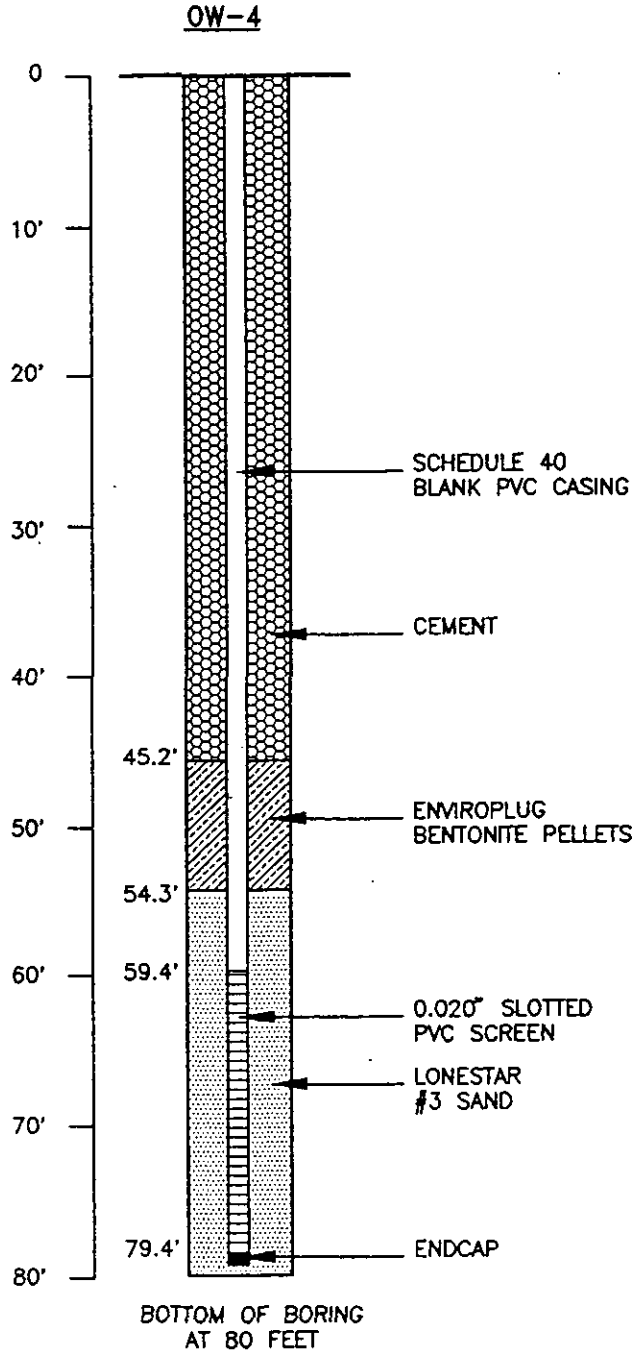
CHAIN-LINK FENCING

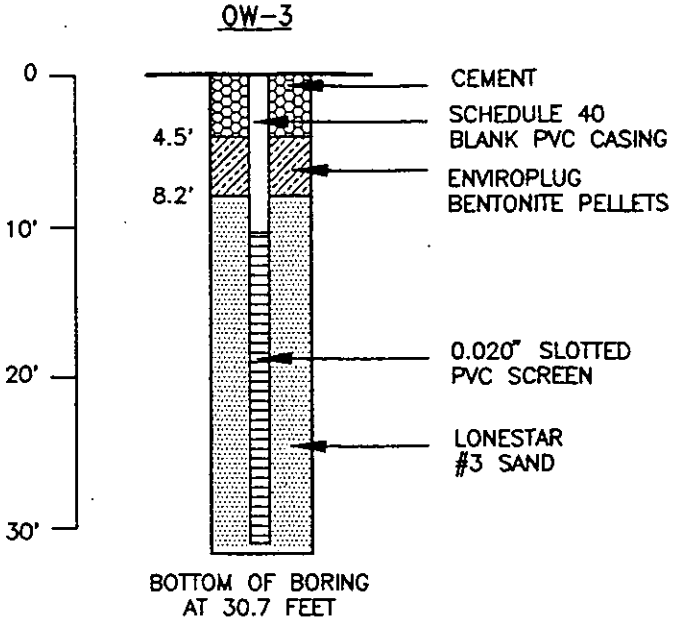
APPROXIMATE SCALE: 1"=60'

AQUIFER TESTING WELL LOCATION MAP
BFGOODRICH - CHULA VISTA

FN: AQUSITE	PM: RKS	CHECKED BY:	DATE: 10-1-99	PROJECT NO: 58-98530678.00	FIG. NO: 2

URS Greiner Woodward Clyde





OW-3 MATERIALS

7 BAGS LONESTAR #3 SAND
2 BAGS ENVIROPLUG PELLETS
20' PVC 0.020" SCREEN PIPE
10' SCHEDULE 40 BLANK CASING

OW-4 MATERIALS

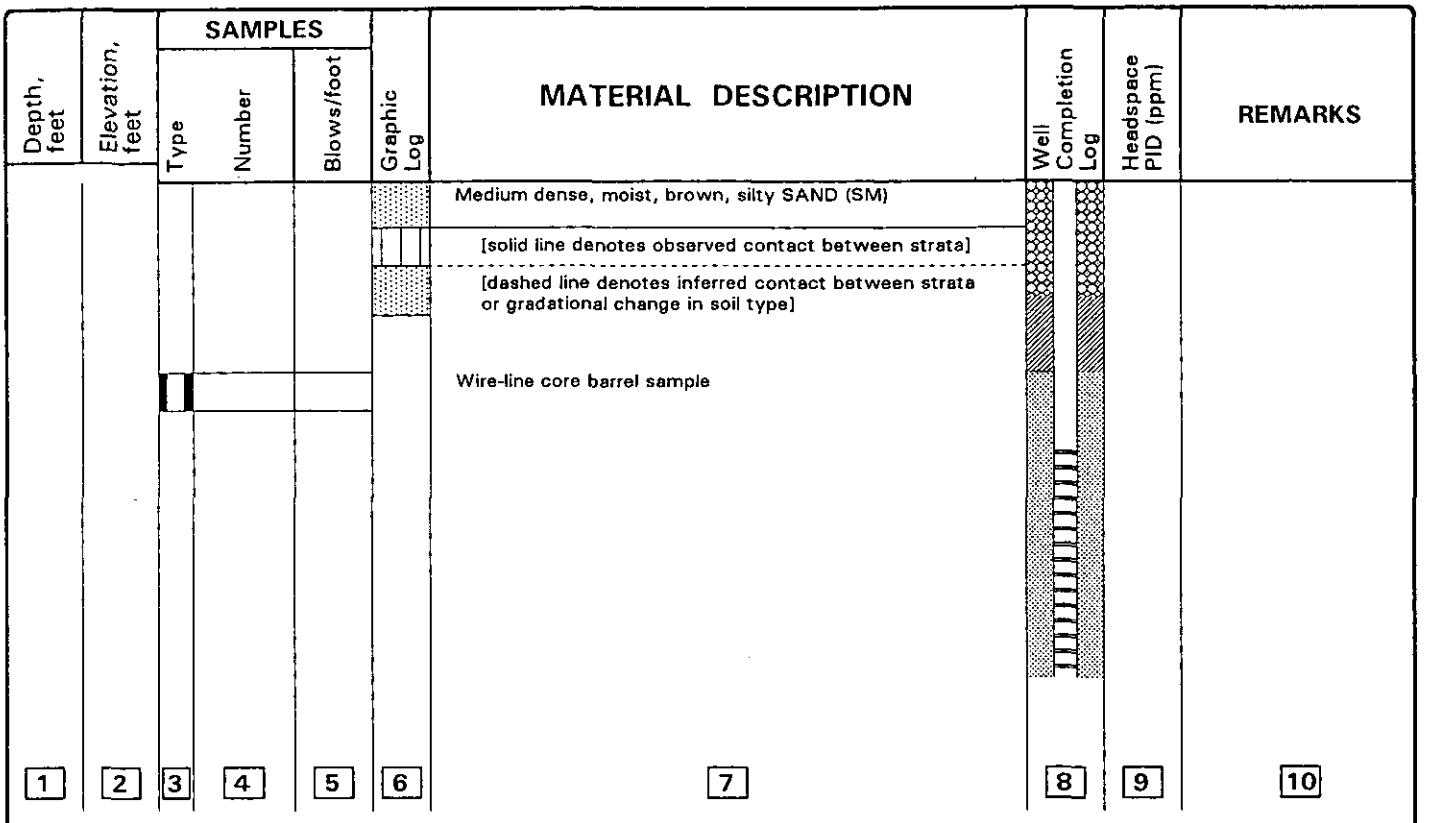
10 BAGS LONESTAR #3 SAND
4 BAGS ENVIROPLUG PELLETS
10 BAGS PORTLAND CEMENT II
1 BAG BENTONITE POWDER
20' PVC 0.020" SCREEN PIPE
60' SCHEDULE 40 BLANK CASING

WELL COMPLETION DIAGRAM
BFGOODRICH
CHULA VISTA, CALIFORNIA

FN: WELL	PM: RKS	CHECKED BY:	DATE: 1-25-00	PROJECT NO: 58-9853067B.00-00400	FIG. NO: 3

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Key to Log



COLUMN DESCRIPTIONS

1	**Depth:**	Distance (in feet) below the ground surface.
2	**Elevation:**	Approximate elevation (in feet) referenced from the ground surface.*
3	**Sample Type:**	Type of soil sample collected at depth interval depicted; symbols explained above.
4	**Sample Number:**	Sample identification number.
5	**Sample Blows/foot:**	Number of blows required to advance driven sampler 1 foot, or distance indicated, using a 140-lb hammer (or as otherwise indicated) with a 30-inch drop. "*" indicates blow count for initial 6-inch seating interval of sampling only.
6	**Graphic Log:**	Graphic depiction of subsurface material encountered; symbology explained on Sheet 2 of Key.
7	**Material Description:**	Description of subsurface material encountered, including USCS soil designation.
8	**Well Completion Log:**	Graphic depiction of well construction; symbology explained on Sheet 2 of Key.
9	**Headspace:**	Photoionization detector (PID) field headspace reading (in parts per million). ND indicates that no organic vapors were detected.
10	**Remarks:**	Comments or observations regarding drilling/sampling made by driller or URSGWC's field personnel

GENERAL NOTES

1. Soil classifications are based on the Unified Soil Classification System (USCS) or recorded and include consistency/relative density (where standard blow count correlation is possible), moisture, and color.
2. Descriptions on these boring logs apply only to the specific boring locations at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or for other times.

NR - No Recovery
*Based on available topographic plan

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Key to Log

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS

UNIFIED SOIL CLASSIFICATION SYSTEM SYMBOL AND ROCK TYPE NAME VERSUS CORRESPONDING GRAPHIC LOG

Sand

Clay

Silt

Silt/Sand

Silt/Clay

SYMBOLS USED IN WELL COMPLETION LOG

Casing in concrete

Casing in cement/bentonite grout

Casing in bentonite chips or pellets

Casing in bentonite/sand

Casing in Lonestar sand

Slotted casing in filter pack

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 1 of 15

Date(s) Drilled: 6/16/99 through 6/22/99	Logged By: A. Greene	Checked By: R. Scott	
Drilling Method: Mud Rotary	Drill Bit Size/Type: 6.25"/12.25" tricone	Approx. Surface Elevation (feet, MSL): 22.0	
Drill Rig Type: T-3 Ingersol-Rand	Drilled By: Beylik Drilling	Total Depth Drilled (feet): 555.0	
Depth to Groundwater (feet, bgs): First 14 / Completion / Sampling	Number of Samples: Disturbed: -- / Undisturbed: --	Sampler Type: Wire-line core barrel	
Diameter of Hole (inches): 12.25	Diameter of Well (inches): 4	Type of Well Casing: Schedule 80 PVC	Screen Perforation: 0.020"
Type of Filter Pack: Lonestar #3	Type of Seal(s): Bentonite chips and cement/bentonite grout		
Boring Location: North of Building 99			

Depth, feet	Elevation, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					BAY POINT FORMATION 2" asphalt parking lot over 3" base material over medium dense, moist, reddish brown, silty fine SAND (SM)			
5	15					Becomes less dense			
10	10					Becomes moist to wet, medium brown, fine to medium SAND with silt (SM), micaceous			
15	5					Becomes wet			
20	0					Interbedded clay layers			
25	-5								
30									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
30	-10					Becomes wet, grayish brown, fine to medium SAND (SP)			
35	-15					Becomes finer grained			
40	-20					Dense, wet, grayish brown, silty to clayey fine SAND (SM/SC)			
45	-25								
50	-30					Slight increase in grain size, fine to medium sand			
55	-35								
60	-40								
65	-45					Becomes poorly graded fine to medium SAND with little silt (SP)			
70									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 3 of 15

Depth, feet	Elevation, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
70	-50					Increasing reddish brown SILT (SM)			
75	-55								
80	-60					Dense, wet, medium brown, silty fine SAND (SM)			
85	-65								
90	-70					Becomes grayish brown, fine to very fine sand with silt			
95	-75								
100	-80								
105	-85								
110									

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Figure

2/16/00 1WL1C BFGOO

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
110	-90								
115	-95					Becomes dark gray to olive, fine to very fine sand *with silt*			
120	-100								
125	-105								
130	-110								
135	-115								
140	-120					Becomes olive gray, fine to medium SAND with little silt (SP/SM) and coarse sand			
145	-125					Becomes clayey fine SAND (SC) with shell fragments			
150									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 5 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
150	-130								
155	-135								
160	-140					Dense, wet, dark olive gray, silty to clayey fine SAND with trace medium sand (SM/SC)			
165	-145								
170	-150					Increasing SILT with little fine sand (ML)			
175	-155								
180	-160					Wet, grayish brown to gray, fine to coarse SAND with subrounded gravels (SP/GP) 3/4" gravels			
185	-165								
190									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 6 of 15

Depth, feet	Elevation, feet	SAMPLES: Type	SAMPLES: Number	SAMPLES: Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
190	-170								
195	-175					Decreasing gravels			
200	-180					Dense, wet, reddish to grayish brown, silty to clayey fine to medium SAND (SM/SC)			
205	-185								
210	-190								
215	-195					Gravel lense			
220	-200					Dense, wet, brown, silty fine SAND with trace medium sand (SM)			
225	-205								
230									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
230	-210								
235	-215								
240	-220					Dense, wet, reddish brown to brown, fine to medium SAND with silt (SM)			
245	-225								
250	-230								
255	-235								
260	-240								
265	-245								
270									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 8 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
270	-250								
275	-255								
280	-260					Dense, wet, grayish brown, silty to clayey fine SAND (SM/SC)			
285	-265								
290	-270					Light brown, poorly graded fine to medium SAND with little silt (SP)			
295	-275								
300	-280					Increasing gravels			
305	-285								
310									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 9 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
310			NR						
	-290		NR						
315			Run 1			Dense, wet, olive gray to reddish brown, very fine sandy SILT to silty fine SAND (SM/ML)			Box #1, 315'-324'
	-295		Run 2						
						← Becomes dark gray, fine to medium sand with little silt and coarse sand			
320			Run 3			← Reddish brown, fine sandy silt			
						Dense, moist olive gray, silty fine SAND with little clay and medium sand (SM)			
	-300					← Becomes reddish brown, lean CLAY with trace fine sand (CL)			
			NR						
			Run 4			Dense, wet, grayish brown, poorly graded fine to medium SAND with little silt (SP)			
325						Dense, wet, dark brown, silty fine SAND with few thin medium sand lenses (SM), micaceous			Box #2, 324'-333'
			Run 5			Coarse SAND lense (SP)			
	-305					*Dense, wet, reddish to olive brown, fine sandy SILT to* silty fine SAND (SM/ML)			
			Run 6			← Olive brown SILT (ML)			
330									
			Run 7						
	-310					← Sand nodule concretion			
			Run 8						Box #3, 333'-345.5'
						← Becomes dark brown, clayey fine SAND (SC) to fine sandy CLAY (CL), trace medium sand			
335			Run 9						
	-315					← Becomes brownish dark gray, clayey fine SAND with interbedded fine to medium sand lenses (SC)			
						← Becomes dark gray, fine to medium SAND with silt (SP/SM)			
			NR						
340			Run 10			Dense, wet, brownish gray, fine to medium SAND with clay (SC)			
			NR						
	-320								
			NR			Dense, wet, dark brown, silty fine SAND (SM)			
			Run 11						
345									
			Run 12			← Becomes dark brown to dark brownish gray			Box #4, 345.5'-357.5'
	-325								
						Dense, wet, dark yellowish brown, very fine sandy CLAY (CL)			
			NR						
350									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Sheet 10 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
350			NR						
			Run 13			Becomes dark yellowish brown, silty fine SAND to fine sandy SILT (SM/ML)			
	-330		NR						
			Run 14			Medium coarse sand lense Dark grayish brown, fine SAND with silt and medium sand (SM)			
355			Run 15			Becomes fine sandy silt Grayish brown very fine sandy silt			
	-335					Very stiff, wet, grayish green, very fine sandy SILT to CLAY (ML/CL)			
			Run 16						Box #5, 357.7'-373.5'
360			Run 17			Very stiff to hard, wet, greenish brown, very fine sandy SILT (ML), iron stain			
	-340		NR			Concretion			
			NR						
			Run 18						
365			NR			Very dense, wet, brown, fine to coarse SAND with silt and few gravels (SP/SM), gravel 3/4"			
	-345		NR						
370									
	-350		Run 21			Very dense, wet, medium to dark brown, silty very fine to fine SAND (SM)			
			Run 22			Becomes brownish gray			Box #6, 373.5'-383'
375			Run 23			Reddish brown, fine sandy SILT lense (ML) Interbedded fine to medium SAND with silt and trace coarse sand (SM) Reddish brown, fine sandy SILT lense (ML) Coarsens to fine to medium sand with little silt			
	-355								
380			NR						
			Run 24			Dense, wet, medium brown, silty fine SAND (SM)			
	-360					Dense, wet, brownish gray, fine SAND with silt (SP/SM), micaceous			
			NR			Concretion			Box #7, 383'-395'
385			NR			Dense, wet, grayish brown, fine to coarse SAND with silt and few gravels (SM)			
	-365		Run 25			Hard to very dense, wet, olive green to grayish green, very fine sandy SILT to CLAY (ML/CL)			
			Run 26			Becomes more sandy (SC), concretion Concretion			
390									

Figure

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Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

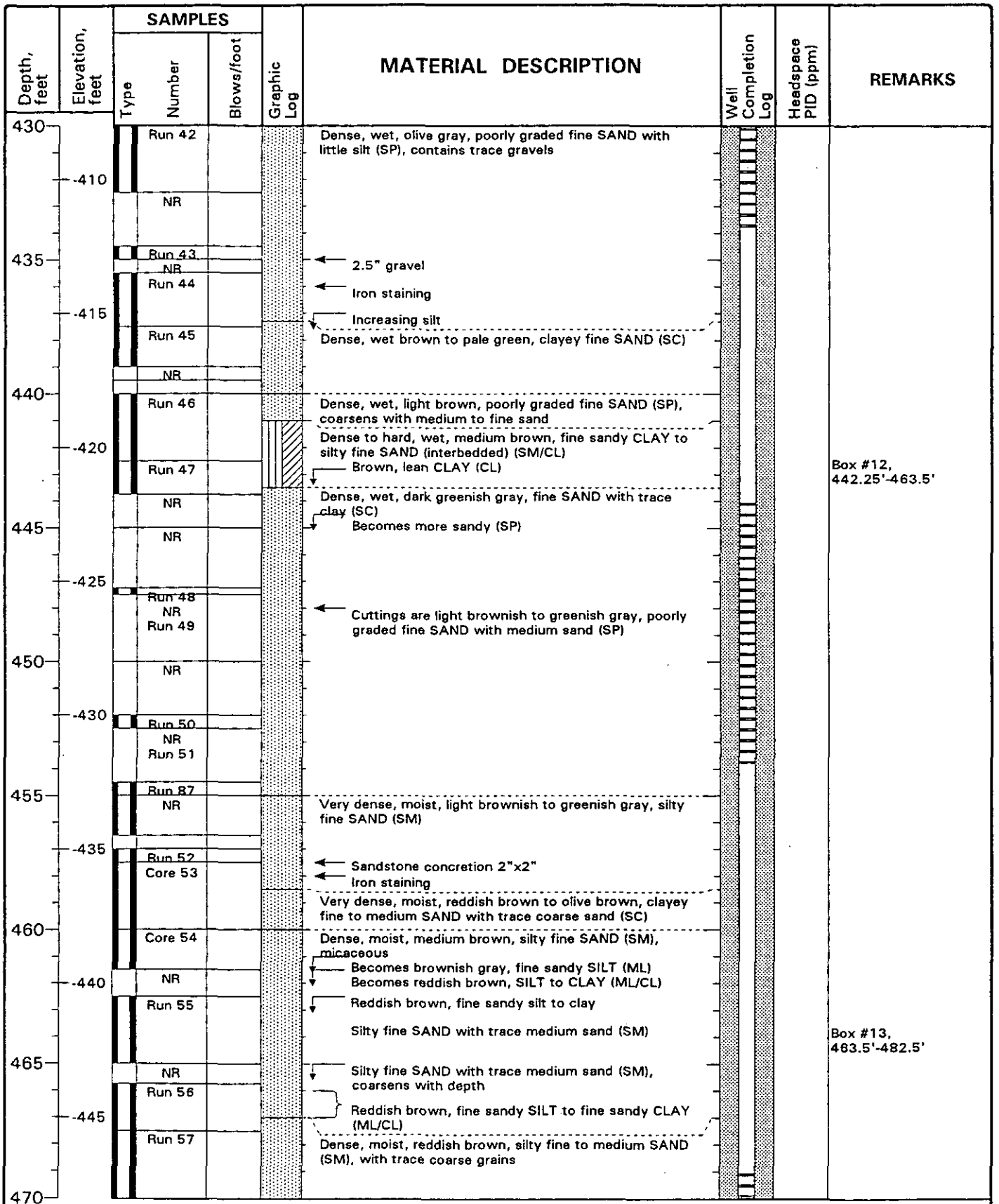
Sheet 11 of 15

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
390			Run 27						
	-370		Run 28			Dense, wet, olive brown, silty very fine SAND (SM), micaceous			
395			Run 29						Box #8, 395'-405.5'
	-375					Hard, wet, reddish brown, very fine sandy SILT to CLAY (ML/CL)			
			NR			Dense, wet, dark brown, silty fine SAND (SM), micaceous			
400			Run 30			Reddish brown, sandy SILT (ML) to CLAY (CL)			
	-380					Reddish brown, sandy SILT to CLAY (ML/CL) to *olive brown to dark brown, silty very fine SAND* (SM) to very fine sandy SILT (ML)			
			Run 31			Becomes more dark brown and SILT (ML)			
405			Run 32			Becomes dense, olive brown, silty very fine SAND (SM), micaceous			Box #9, 405.5'-414.25'
	-385					*Concretion*			
			Run 33						
410			Run 34			Hard, wet, reddish brown, fine sandy CLAY with medium coarse (CL) to clayey medium to fine SAND (SC)			
	-390					Becomes more clayey (CL/SC)			
			Run 35			Becoming coarser sand (SC)			
415			NR			Dense, wet, brownish gray, poorly graded fine to coarse SAND with silt (SP)			Box #10, 414.25'-428'
			Run 36			Pale brownish gray, fine to medium SAND with clay (SC)			
	-395		NR			Poorly graded fine to coarse SAND (SP)			
			Run 37			Brownish gray, clayey fine to medium SAND (SC)			
420			NR			Dense, wet, brownish gray, fine to coarse SAND with clay and trace gravels (SC/SP)			
			Run 38			Hard, wet, olive brown, very fine sandy SILT (ML)			
	-400					Grayish green			
			Run 39			Concretion			
						Becomes greenish brown, silty very fine SAND (SM)			
425			Run 40			Cobble			
			NR						
	-405					Dark olive gray, silty fine sand with gravels			
			Run 41			2.5" gravel			
			NR			1" gravel			Box #11, 428'-442.25'
430									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-98530678.00-00400

Log of Boring DB-4

Sheet 12 of 15



Figure

2/16/00 1WL1C BFGOO

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
470			Run 58			Dense, wet, grayish brown, poorly graded fine to coarse SAND with gravels and trace silt (SP), angular gravels			
	-450		NR						
			NR						
475			Run 59						
			NR						
	-455					← Gray, silty fine SAND lense (SM)			
			Run 60						
			NR			Very dense, moist, brownish gray, fine to coarse SAND with silt (SP/SM)			
480			Run 61						
			NR			Very dense, wet, light brown, poorly graded fine to coarse SAND with few gravels (SP)			
	-460		Run 62						
			Run 63						Box #14, 482.5'-505.5'
			NR						
485			NR						
			Run 64						
	-465					Becomes greenish gray, silty to clayey fine SAND lense (SM/SC)			
			NR			Poorly graded fine SAND lense (SP)			
			Run 65						
			Run 66			Hard, wet, dark greenish gray, very fine sandy SILT (ML), iron staining			
490			NR						
						Very dense, wet, medium brown, silty to clayey fine to coarse SAND (SM/SC)			
	-470								
			NR						
			Run 67						
495			NR						
			Run 68						
	-475								
			NR						
						Hard, wet, dark to medium brown, fine sandy CLAY (CL)			
500			Run 69						
			NR						
						← 2"x1.5" gravel clast			
	-480		Run 70			Hard to very dense, wet, medium to reddish brown, clayey fine to medium SAND to sandy CLAY (CL/SC)			
			NR						
			Run 71						
505			Run 72			Becomes grayish brown (mottled)			
						Coarsens to clayey fine to medium SAND (SC) (concretion)			Box #15, 505.5'-526'
	-485		NR			Reddish brown to very fine sandy SILT (ML)			
			Run 73			Coarsens			
			NR			Becomes brown, fine to coarse SAND with little clay (SP/SC)			
510									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	Number	Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
510			Run 74			Reddish brown, very fine sandy CLAY (CL)			
			NR			Becomes brown, poorly graded fine sand with little silt			
	-490					Concretions			
			Run 75			Dark brown, silty to clayey fine SAND (SM/SC), interbedded			
			NR			Becomes fine sandy with trace silt			
515			Run 76			Hard, wet, reddish brown, very fine sandy SILT (ML)			
			NR			Becomes interbedded, reddish to grayish brown, silty to clayey fine SAND (SM/SC)			
	-495		Run 77			Hard, wet, brown to dark brown fine sandy CLAY (CL)			
			NR						
520			Run 78			Very dense, wet, brownish to greenish gray, fine SAND with little silt (SP/SM)			
			NR						
	-500								
			NR						
			Run 79			Dark brown, fine sandy CLAY (CL)			
525			NR						
			Run 80			Hard, wet, grayish brown, fine sandy SILT (ML), micaceous			Box #16, 526'-538'
	-505					Becomes finer, medium brown, very fine sandy CLAY (CL), micaceous			
			Run 81			Becomes reddish brown to gray brown			
						Strong reddish brown, fine sandy CLAY to clayey fine SAND with medium sand (SC/CL) (very dense)			
530			NR			Mottled coloring			
			Run 82			Hard, wet, brownish gray to olive brown, fine sandy SILT to CLAY (ML/CL)			
	-510					Grades to clayey fine to medium SAND (SC)			
			Run 83						
			NR						
535			NR						
			Run 84			Hard, wet, brown, very fine sandy SILT to CLAY (ML/CL)			
	-515					Brown, clayey fine SAND lense (SC)			
			Run 85						Box #17, 538'-555'
			NR			Cemented sandstone concretion			
540			NR			Dense, wet, grayish brown, fine to coarse SAND with little clay(SP/SC)			
			Run 86			Hard, wet, grayish to reddish brown, very fine sandy CLAY (CL)			
	-520					Brown, silty fine SAND (SM)			
			NR			Becomes grayish brown, poorly graded fine SAND with trace silt (SP)			
545			Run 87						
			NR			Reddish brown, silty fine SAND (SP)			
			Run 88			Reddish brown, very fine sandy CLAY (CL)			
	-525					Hard, wet, grayish brown, very fine sandy SILT (ML), mottled coloring			
			Run 89			Concretion (cemented sandstone)			
			NR						
550									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
550			Run 90			Reddish brown, very fine sandy CLAY (CL)			
						Grayish brown, silty very fine SAND (SM)			
	-530		NR			Concretion (cemented sandstone)			
			Run 91			Hard, wet, olive gray, very fine sandy SILT (ML)			
						Grayish brown, silty fine SAND (SM)			
555			NR						
						Bottom of boring at 555 feet			
	-535								
560									
	-540								
565									
	-545								
570									
	-550								
575									
	-555								
580									
	-560								
585									
	-565								
590									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 1 of 6

Date(s) Drilled: 7/6/99 through 7/7/99	Logged By: A. Greene		Checked By: R. Scott
Drilling Method: Mud Rotary	Drill Bit Size/Type: 6.25"/14.75" tricone		Approx. Surface Elevation (feet, MSL): 22.0
Drill Rig Type: T-3 Ingersol-Rand	Drilled By: Beylik Drilling		Total Depth Drilled (feet): 202.5
Depth to Groundwater (feet, bgs): First 14; Completion; Sampling	Number of Samples: Disturbed: --; Undisturbed: --		Sampler Type: Wire-line core barrel
Diameter of Hole (inches): 14.75	Diameter of Well (inches): 6	Type of Well Casing: Steel with wire wrap screen	Screen Perforation: 0.075"
Type of Filter Pack: Lonestar Crs. Aquarium	Type of Seal(s): Bentonite chips and cement/bentonite grout		
Boring Location: North of Building 99			

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					BAY POINT FORMATION 2" asphalt parking lot over 3" base material over medium dense, moist, reddish brown, silty fine SAND (SM)			Lithologic descriptions taken from boring log for BD-4 from ground surface to 171.5'
5	15					Becomes less dense			
10	10					Becomes moist to wet, medium brown, fine to medium SAND with silt (SM), micaceous			
15	5					Becomes wet			
20	0					Interbedded clay layers			
25	-5								
30									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 2 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
30	-10					Becomes wet, grayish brown, fine to medium SAND (SP)			
35	-15					Becomes finer grained			
40	-20					Dense, wet, grayish brown, silty to clayey fine SAND (SM/SC)			
45	-25								
50	-30					Slight increase in grain size, fine to medium sand			
55	-35								
60	-40								
65	-45					Becomes poorly graded fine to medium SAND with little silt (SP)			
70									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-98530678.00-00400

Log of Boring DB-5

Sheet 3 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
70	-50					Increasing reddish brown SILT (SM)			
75	-55								
80	-60					Dense, wet, medium brown, silty fine SAND (SM)			
85	-65								
30	-70					Becomes grayish brown, fine to very fine sand with silt			
95	-75								
100	-80								
105	-85								
110									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

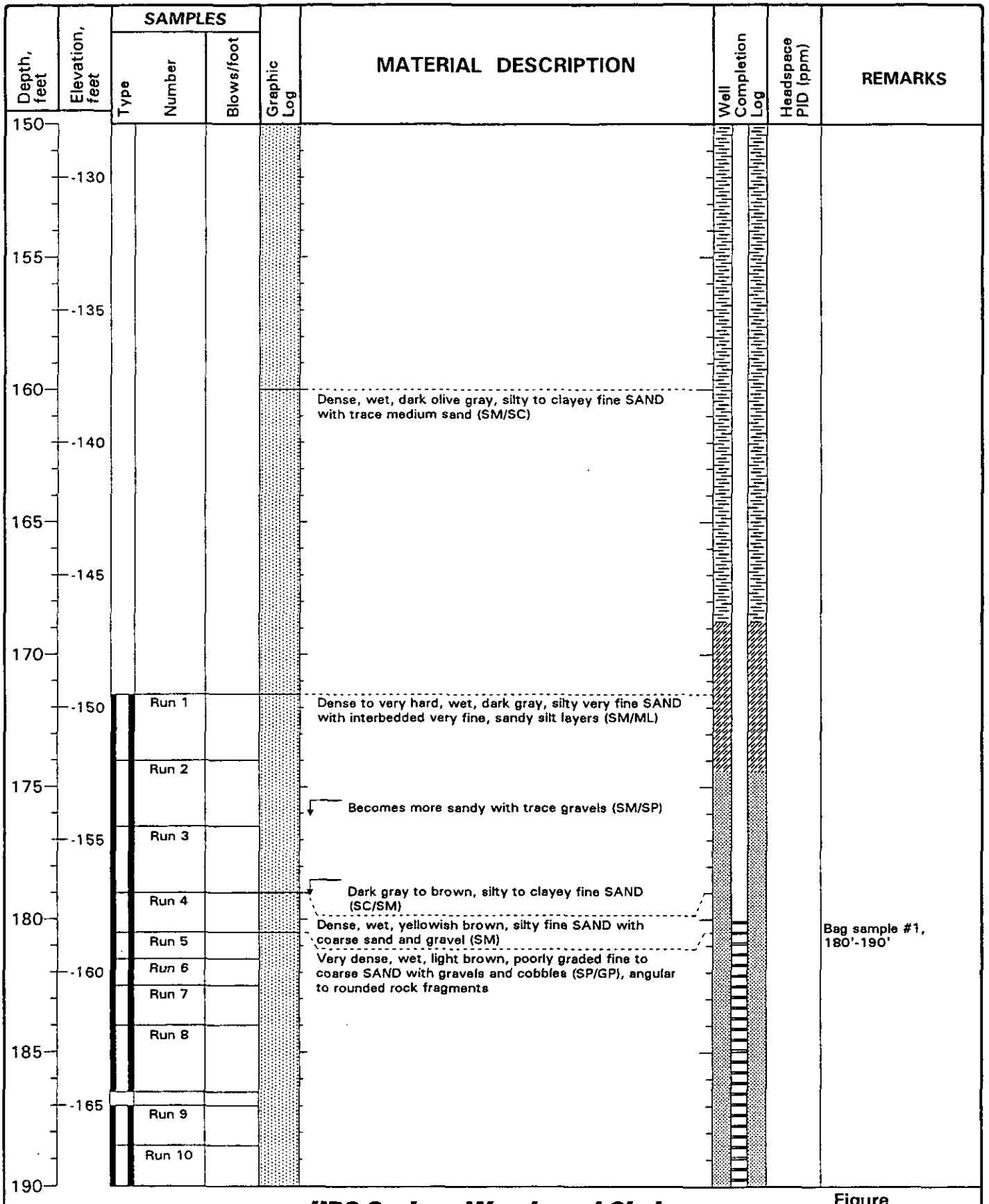
Sheet 4 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
110	-90								
115	-95					Becomes dark gray to olive, fine to very fine sand with silt			
120	-100								
125	-105								
130	-110								
135	-115								
140	-120					Becomes olive gray, fine to medium SAND with little silt (SP/SM) and coarse sand			
145	-125					Becomes clayey fine SAND (SC) with shell fragments			
150									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 5 of 6



URS Greiner Woodward Clyde

Figure

2/16/00 1WL1C BFGOO

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring DB-5

Sheet 6 of 6

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
190	-170		Run 11						Bag sample #2, 190'-195'
195	-175		Run 12						
			Run 13						
			Run 14						
200			Run 15			Increasing silty fine sand			
	-180		Run 16			Dense, wet, yellowish brown, silty fine SAND with trace gravels (SM)			
						Bottom of boring at 202.5 feet			
205	-185								
210	-190								
215	-195								
220	-200								
225	-205								
230									

Project: BFGoodrich Project Location: Chula Vista, CA Project Number: 58-9853067B.00-00400	Log of Boring OW-1 Sheet 1 of 4

Date(s) Drilled	7/1/99 to 7/2/99			Logged By	A. Greene			Checked By	R. Scott
Drilling Method	Mud Rotary			Drill Bit Size/Type	8" tricone			Approx. Surface Elevation (feet, MSL)	22.0
Drill Rig Type	T-3 Ingersol-Rand			Drilled By	Beylik Drilling			Total Depth Drilled (feet)	150.0
Depth to Groundwater (feet, bgs)	First 14	Completion	Sampling	Number of Samples	Disturbed: --	Undisturbed: --		Sampler Type	NA
Diameter of Hole (inches)	8	Diameter of Well (inches)	2	Type of Well Casing	Schedule 40 PVC			Screen Perforation	0.020"
Type of Filter Pack	Lonestar #8			Type of Seal(s)	Bentonite pellets and cement/bentonite grout				
Boring Location	North of Building 99								

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					COLLUVIUM Asphalt concrete over Class II base over dense, moist, reddish brown, silty fine to medium SAND (SM), contains few gravels			Lithologic descriptions taken from boring log for OW-2
5	15					BAY POINT FORMATION Dense, moist, reddish to medium brown, silty to clayey fine SAND with medium sand and few gravels (SM/SC)			
10	10					▽ Becomes wet			
15	5					Becomes more sandy (SM/SP)			
20	0								
25	-5								
30									

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URS Greiner Woodward Clyde

Figure

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-1

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
30	-10								
35	-15					Hard, wet, grayish to olive brown, fine sandy CLAY (CL) with few interbedded coarse sand layers			
40	-20								
45	-25								
50	-30					Dense, wet, grayish to medium brown, poorly graded fine to medium SAND (SP) with few interbedded coarse and lenses			
55	-35								
60	-40								
65	-45								
70									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-1

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
70	-50					Dense, wet, reddish brown, silty fine SAND with little clay (SM/SC)			
75	-55					Becomes more sandy			
80	-60					Dense, wet, brownish gray, poorly graded fine to medium SAND with few coarse sands (SP)			
85	-65								
90	-70								
95	-75								
100	-80								
105	-85								
110									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-1

Sheet 4 of 4

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
110	-90					Becomes finer grained			
115	-95								
120	-100					Very dense to hard, wet, dark brownish gray, fine fine SAND (SM) with interbedded CLAY layers (CL)			
125	-105								
130	-110								
135	-115					Dense, wet, light grayish brown, poorly graded fine to coarse SAND (SP) few gravels			
140	-120								
145	-125					Very dense to hard, wet, brownish dark gray to olive gray, silty to clayey fine SAND (SM)			
150						Bottom of boring at 150 feet			

Figure

URS Greiner Woodward Clyde

2/16/00 1WL1C BFGOO

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Sheet 1 of 5

Date(s) Drilled	6/30/99 to 7/1/99			Logged By	A. Greene	Checked By	R. Scott
Drilling Method	Mud Rotary			Drill Bit Size/Type	8" tricone	Approx. Surface Elevation (feet, MSL)	22.0
Drill Rig Type	T-3 Ingersol-Rand			Drilled By	Beylik Drilling	Total Depth Drilled (feet)	168.5
Depth to Groundwater (feet, bgs)	First 14	Completion	Sampling	Number of Samples	Disturbed: --	Undisturbed: --	Sampler Type NA
Diameter of Hole (inches)	8	Diameter of Well (inches)	2	Type of Well Casing	Schedule 40 PVC	Screen Perforation	0.020"
Type of Filter Pack	Lonestar #8			Type of Seal(s)	Bentonite chips and cement/bentonite grout		
Boring Location	North of Building 99						

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
0	20					COLLUVIUM Asphalt concrete over Class II base over dense, moist, reddish brown, silty fine to medium SAND (SM), contains few gravels			
5	15					BAY POINT FORMATION Dense, moist, reddish to medium brown, silty to clayey fine SAND with medium sand and few gravels (SM/SC)			
10	10								
15	5					▽ Becomes wet Becomes more sandy (SM/SP)			
20	0								
25	-5								
30									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
30	-10								
35	-15					Hard, wet, grayish to olive brown, fine sandy CLAY (CL) with few interbedded coarse sand layers			
40	-20								
45	-25								
50	-30					Dense, wet, grayish to medium brown, poorly graded fine to medium SAND (SP) with few interbedded coarse and lenses			
55	-35								
60	-40								
65	-45								
70									

Figure

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Sheet 3 of 5

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
70	-50					Dense, wet, reddish brown, silty fine SAND with little clay (SM/SC)			
75	-55					Becomes more sandy			
80	-60					Dense, wet, brownish gray, poorly graded fine to medium SAND with few coarse sands (SP)			
85	-65								
90	-70								
95	-75								
100	-80								
105	-85								
110									

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
110	-90								
115	-95					Becomes finer grained			
120	-100					Very dense to hard, wet, dark brownish gray, fine fine SAND (SM) with interbedded CLAY layers (CL)			
125	-105								
130	-110								
135	-115					Dense, wet, light grayish brown, poorly graded fine to coarse SAND (SP) few gravels			
140	-120								
145	-125					Very dense to hard, wet, brownish dark gray to olive gray, silty to clayey fine SAND (SM)			
150									

Figure

URS Greiner Woodward Clyde

Project: BFGoodrich
Project Location: Chula Vista, CA
Project Number: 58-9853067B.00-00400

Log of Boring OW-2

Sheet 5 of 5

Depth, feet	Elevation, feet	SAMPLES Type	SAMPLES Number	SAMPLES Blows/foot	Graphic Log	MATERIAL DESCRIPTION	Well Completion Log	Headspace PID (ppm)	REMARKS
150	-130					Interbeded CLAY lenses (CL)			
155	-135								
160	-140								
165	-145								
170	-150					Bottom of boring at 168.5 feet			
175	-155								
180	-160								
185	-165								
190									

2/16/00 1 WL1 C BFGOO

URS Greiner Woodward Clyde

Figure

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-02

Sheet 1 of 1

Date(s) Drilled	04/22/13	Logged By	L. Woodbury	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	5.0 feet
Drill Rig Type	Geoprobe 6620 DT LAR	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	17 feet (MSL)
Groundwater Level and Date Measured	None encountered	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		

Elevation feet	Depth, feet	SAMPLES Type	SAMPLES Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0	☒	SSS00278	ND		FILL Dry, light brown silt	
15							
						Becomes reddish brown	
			SSS00279	ND			
	5					Bottom of boring at 5 feet	
10							
	10						
5							
	15						
0							
	20						
-5							
	25						

URS

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-02

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-03

Sheet 1 of 1

Date(s) Drilled	04/22/13	Logged By	L. Woodbury	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	5.0 feet
Drill Rig Type	Geoprobe 6620 DT LAR	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	15 feet (MSL)
Groundwater Level and Date Measured	None encountered	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		

Elevation feet	Depth, feet	SAMPLES Type	SAMPLES Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
15	0		SSS00280	ND		FILL Moist, reddish brown silt Trace clay	
						Becomes micaceous	
10	5		SSS00281	ND		Bottom of boring at 5 feet	
5	10						
0	15						
-5	20						
-10	25						

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-03

URS

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-18

Sheet 1 of 1

Date(s) Drilled	04/22/13	Logged By	L. Woodbury	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	15.0 feet
Drill Rig Type	Geoprobe 6620 DT LAR	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	13 feet (MSL)
Groundwater Level and Date Measured	15 feet at time of drilling	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		

Elevation feet	Depth, feet	SAMPLES Type	SAMPLES Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0	⊠	SSS00310	ND		BAY POINT FORMATION Moist, dark brown SILT (ML)	1" asphalt cover present at surface
10						Becomes clayey silt	
	5	■	SSS00311	ND			
5							
	10						
0							
	15					▽	Groundwater sample GWS00834
						Bottom of boring at 15 feet Temporary 3/4-inch diameter piezometer installed to collect groundwater sample. Screen interval: 5 to 15 feet.	
-5							
	20						
-10							
	25						

URS

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-18

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-19

Sheet 1 of 1

Date(s) Drilled	04/23/13	Logged By	K. Foster	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	15.0 feet
Drill Rig Type	Geoprobe 6600	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	13 feet (MSL)
Groundwater Level and Date Measured	10 feet at time of drilling	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		

Elevation feet	Depth, feet	SAMPLES Type	SAMPLES Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
10	0	☒	SSS00310	1.0		FILL 1" asphalt over moist, dark brown sand with little medium to coarse-grained sand, asphalt shard, trace fine gravel Moist, dark brown, clayey silt with trace medium-grained sand	
5	5	■	SSS00311	ND		BAY POINT FORMATION Moist, dark reddish brown, silty CLAY (CL) with medium-grained sandy layers	
0	10					Moist, olive gray, fine sandy SILT (ML), trace clay	
-5	15					▽ Wet, olive gray, silty fine-grained SAND (SM)	Groundwater sample GWS00835
-10	20					Bottom of boring at 15 feet Temporary 1-inch diameter piezometer installed to collect groundwater sample. Screen interval: 10 to 15 feet.	
	25						

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-19

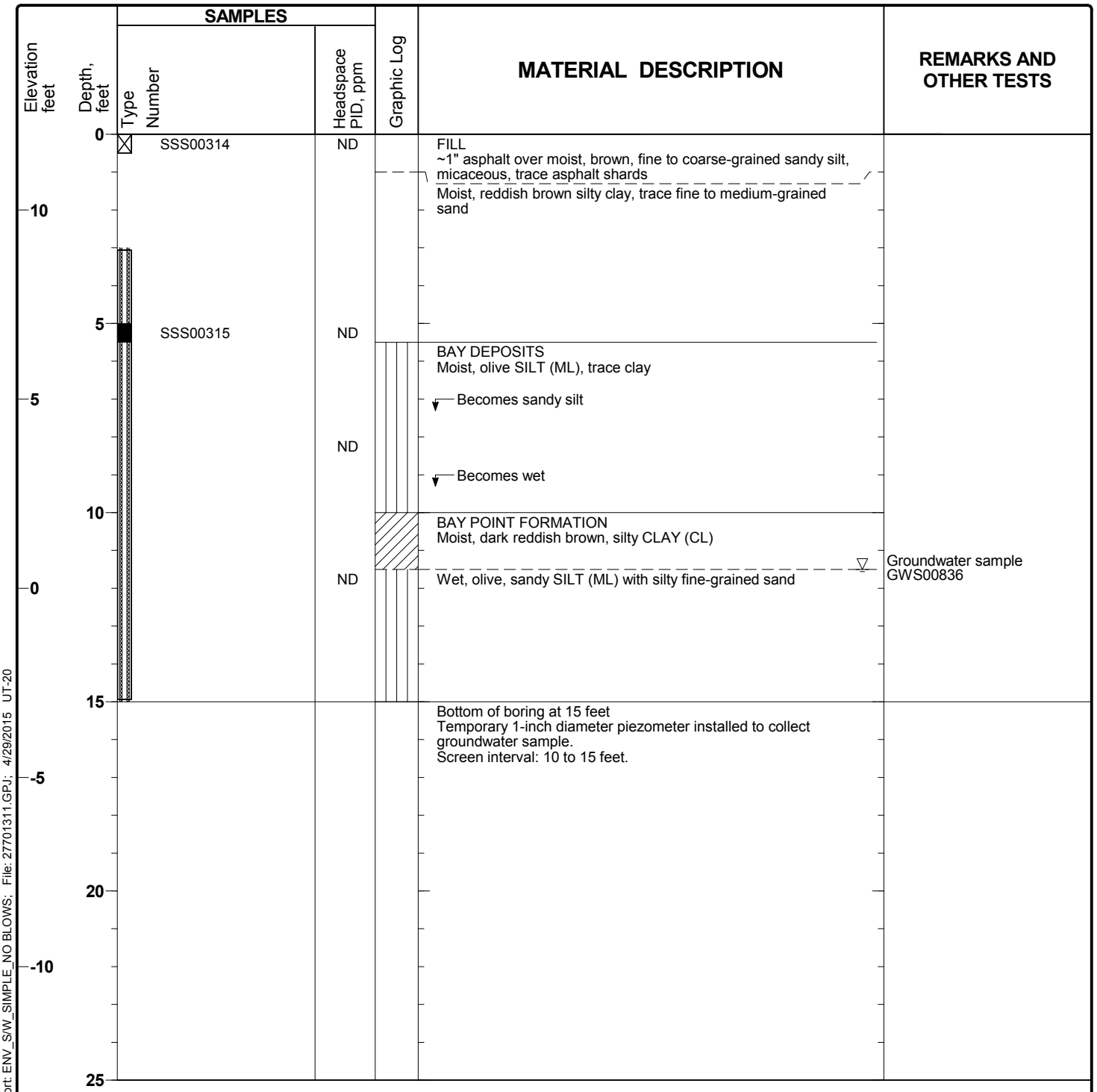
URS

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-20

Sheet 1 of 1

Date(s) Drilled	04/23/13	Logged By	L. Woodbury	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	15.0 feet
Drill Rig Type	Geoprobe 6620 DT LAR	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	12 feet (MSL)
Groundwater Level and Date Measured	11.5 feet at time of drilling	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		



Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-20

URS

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-21

Sheet 1 of 1

Date(s) Drilled	04/23/13	Logged By	L. Woodbury	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	15.0 feet
Drill Rig Type	Geoprobe 6620 DT LAR	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	11 feet (MSL)
Groundwater Level and Date Measured	NA	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		

Elevation feet	Depth, feet	SAMPLES Type	SAMPLES Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
10	0		SSS00316	ND		FILL Moist, olive gray, fine to medium-grained sandy silt, trace fine gravel, micaceous	
						Moist, brown, silty clay, trace fine to medium-grained sand	
						Becomes fine to medium-grained sandy clay	
5	5		SSS00317	ND		BAY DEPOSITS Moist, olive, clayey SILT (ML), micaceous	
0	10					BAY POINT FORMATION Moist, dark brown, fat CLAY (CH)	
				ND		Moist, olive, fine-grained sandy SILT (ML), little clay, micaceous	Groundwater sample GWS00837
-5	15					Bottom of boring at 15 feet Temporary 1-inch diameter piezometer installed to collect groundwater sample. Screen interval: 10 to 15 feet.	
-10	20						
	25						

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-21

URS

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-22

Sheet 1 of 1

Date(s) Drilled	04/23/13	Logged By	K. Foster	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	20.0 feet
Drill Rig Type	Geoprobe 6600	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	14 feet (MSL)
Groundwater Level and Date Measured	NA	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		

Elevation feet	Depth, feet	SAMPLES Type Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0	SSS00320			FILL 6.5" concrete over dry, brown, silty fine to medium-grained sand, trace gravel and cobble	Hand auger 0-2.5'
10	5	SSS00321	ND			
					BAY POINT FORMATION Dry, dark brown CLAY (CL)	
					Decrease in sand content	
5			ND			
	10		ND		Becomes moist	
					Becomes dry	
			ND		Carbonate concretion	
0			ND			
	15				Trace silt	
-5						Groundwater sample GWS00839
	20				Bottom of boring at 20 feet Temporary 1-inch diameter piezometer installed to collect groundwater sample. Screen interval: 10 to 20 feet.	
-10	25					

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-22

URS

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-23

Sheet 1 of 1

Date(s) Drilled	04/23/13	Logged By	K. Foster	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	15.0 feet
Drill Rig Type	Geoprobe 6600	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	15 feet (MSL)
Groundwater Level and Date Measured	12.5 feet at time of drilling	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		

Elevation feet	Depth, feet	SAMPLES Type Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
15	0	SSS00322			FILL 6.5" concrete over moist, yellowish brown, silty fine-grained sand	Hand auger 0-3'
			ND			
10	5	SSS00323	3.5		Becomes dark brown	
					BAY POINT FORMATION Dry, reddish brown CLAY (CL), trace silt	
			4.2		Moist, brown SILT (ML) with fine-grained sand	
5	10		6.3		Increase in sand content Becomes wet ▽	Groundwater sample GWS00840
			5.9		Becomes moist	
0	15				Bottom of boring at 15 feet Temporary 1-inch diameter piezometer installed to collect groundwater sample. Screen interval: 10 to 15 feet.	
-5	20					
-10	25					

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-23

URS

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-24

Sheet 1 of 1

Date(s) Drilled	04/23/13	Logged By	K. Foster	Checked By	R. Scott
Drilling Method	Direct-push	Drill Bit Size/Type	2.25-inch diameter	Total Depth of Borehole	15.0 feet
Drill Rig Type	Geoprobe 6600	Drilling Contractor	Cascade Drilling	Approximate Surface Elevation	13 feet (MSL)
Groundwater Level and Date Measured	11 feet at time of drilling	Sampling Method(s)	Grab/Undisturbed/Acetate Sleeve	Hammer Data	NA
Borehole Completion	Granular bentonite, hydrated	Location	See Site Plan		

Elevation feet	Depth, feet	SAMPLES Type Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
10	0	SSS00324	ND		FILL 6.5" concrete over moist, yellowish brown, silty fine-grained sand Trace gravel Becomes moist	Hand auger 0-3' No recovery 3'-4'
5	5	SSS00325	ND		BAY POINT FORMATION Dry, brown CLAY (CL) Manganese staining Trace mica	
0	10		ND ND		Becomes brown, increase in mica content Moist to wet, brown SILT (ML) with fine-grained sand	Groundwater sample GWS00841
-5	15		ND		Carbonate concretions Bottom of boring at 15 feet Temporary 1-inch diameter piezometer installed to collect groundwater sample. Screen interval: 10 to 15 feet.	
-10	20					
	25					

URS

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-24

Project: Rohr North Campus
Project Location: 850 Lagoon Drive
Project Number: 27701511.01000

Log of Boring UT-66

Sheet 1 of 1

Date(s) Drilled	**04/23/13**	Logged By	**L. Woodbury**	Checked By	**R. Scott**
Drilling Method	**Direct-push**	Drill Bit Size/Type	**2.25-inch diameter**	Total Depth of Borehole	**15.0 feet**
Drill Rig Type	**Geoprobe 6600**	Drilling Contractor	**Cascade Drilling**	Approximate Surface Elevation	**13 feet (MSL)**
Groundwater Level and Date Measured	**10 feet at time of drilling**	Sampling Method(s)	**Grab/Undisturbed/Acetate Sleeve**	Hammer Data	**NA**
Borehole Completion	**Granular bentonite, hydrated**	Location	**See Site Plan**		

Elevation feet	Depth, feet	SAMPLES Type Number	Headspace PID, ppm	Graphic Log	MATERIAL DESCRIPTION	REMARKS AND OTHER TESTS
	0	SSS00318			FILL 1.5" asphalt over moist, dark reddish brown silt with clay, trace fine gravel	
10					BAY POINT FORMATION Moist, dark reddish brown, silty CLAY (CL)	
	5	SSS00319	ND		Clayey fine sand zones, micaceous	
5			ND		Wet, brown, fine sandy SILT (ML), micaceous	
	10		ND		▽ Groundwater sample GWS00838	
			ND		Becomes moist, clayey silt	
0						
	15		ND		Bottom of boring at 15 feet Temporary 1-inch diameter piezometer installed to collect groundwater sample. Screen interval: 10 to 15 feet.	
-5						
	20					
-10						
	25					

Report: ENV_S/W_SIMPLE_NO BLOWS; File: 27701311.GPJ; 4/29/2015 UT-66

URS

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-14

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 19 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	60/60 BB-14-01	1	19 1	SM	Yellowish gray silty SAND, dry -FILL- Brown silty fine SAND (SM), dry -FILL-	ND
5	BB-14-05 60/60	5	14 5	CL	Reddish brown CLAY (CL), dry -BAY POINT FORMATION-	0.7
			11 8	ML	Brown fine sandy SILT (ML), dry	0.5
10	BB-14-10	10			BOTTOM OF EXPLORATION 10 FT Note: Backfilled with hydrated bentonite.	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 10
Samples 3

Boring No. BB-14

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-15

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 21 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	48/60				Yellowish gray silty fine SAND, dry, trace gravel	
	BB-15-01	1			becomes silty fine to medium SAND	
					-FILL-	
			19 2	ML	Reddish brown clayey SILT (ML), dry	ND
	BB-15-03	3			-BAY POINT FORMATION-	
5	60/60					0.2
			13 8	SM	Brown silty fine SAND (SM), dry	
						0.3
10	BB-15-10	10			BOTTOM OF EXPLORATION 10 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. BB-15

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LI809-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-16

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 24 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	48/60				Yellowish gray silty fine SAND, dry	
	BB-16-01	1			-FILL-	
			22 2	ML	Reddish brown clayey SILT (ML), dry	0.2
	BB-16-03	3			-BAY POINT FORMATION-	
5	60/60					
			18 6	SM	Olive brown silty fine SAND (SM), dry	0.3
			15 9	SP	Brown fine to medium SAND (SP), dry	0.3
10	BB-16-10	10			BOTTOM OF EXPLORATION 10 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. BB-16

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LI809-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-17

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 27, 2016
Finish June 27, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 18 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	48/60 BB-17-01	1	16		Yellowish gray silty fine SAND, dry	
			2	CL	-FILL- Reddish brown CLAY (CL), dry	
					-BAY POINT FORMATION-	
	BB-17-04	4	14	ML	Reddish brown SILT (ML), dry	0.5
5	60/60		4			
			12	CL	Reddish brown CLAY (CL), dry	
			6			0.5
10	BB-17-10 60/60	10	8	SP	Yellowish brown fine to medium SAND (SP), moist	
			10			0.3
			4	SW	Olive brown fine to coarse SAND (SW), micaceous, wet	
15	60/60		14			
						0.6
20					Note: Not logged.	
25	BB-17-GW	25			BOTTOM OF EXPLORATION 25 FT	
					Note: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. BB-17

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-18

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 20 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	50/60 BB-18-01	1			Yellowish gray silty fine SAND, dry	
					-FILL-	0.5
					becomes tan with gravel	
			17 3	ML	Reddish brown clayey SILT (ML), dry	
	BB-18-04	4			-BAY POINT FORMATION-	
5	60/60					0.6
			12 8	SM	Olive brown silty fine SAND (SM), moist	0.9
10	BB-18-10	10			BOTTOM OF EXPLORATION 10 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. BB-18

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LI809-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-19

Project VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client ROHR, INC.
Contractor NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 23 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	36/60		23		Yellowish gray silty SAND, dry, concrete chunks	
			1		-FILL-	
	BB-19-01	1			Brown SILT, dry	
			22	CL	Reddish brown CLAY (CL), dry	1.3
			2			
	BB-19-03	3			-BAY POINT FORMATION-	
5	60/60		18	ML	Brown fine sandy SILT (ML), dry	
			5			1.2
10	BB-19-10	10			BOTTOM OF EXPLORATION 10 FT	

Note: Backfilled with hydrated bentonite.

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. BB-19

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-20

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 17 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	48/60				Yellowish gray sandy SILT, dry	
	BB-20-01	1			-FILL-	
			15 2	ML	Olive brown SILT (ML), dry	0.5
	BB-20-03	3			-BAY POINT FORMATION-	
5	60/60				becomes reddish brown	0.9
			10 7	SP	Brown fine SAND (SP), dry	1.0
10	BB-20-10	10			BOTTOM OF EXPLORATION 10 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. BB-20

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-21

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 19 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	48/60				Yellowish gray silty fine SAND, dry	
	BB-21-01	1			-FILL-	1.3
	BB-21-03	3	16 3	ML	Reddish brown SILT (ML), dry	
5	60/60					
			13 6	CL	Olive brown lean CLAY (CL), dry	1.5
			12 8	SM	Brown silty fine SAND (SM), dry	
						0.7
10	BB-21-10	10			BOTTOM OF EXPLORATION 10 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 10
Samples 3

Boring No. BB-21

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LI809-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-22

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 23 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	60/60		23		Grayish brown silty SAND, dry	
	BB-22-01	1	1	ML	-FILL-	
					Reddish brown SILT (ML), dry	0.9
					-BAY POINT FORMATION-	
	BB-22-03	3				
5	60/60					
			16			
			7	ML	Brown fine sandy SILT (ML), dry	0.6
10	BB-22-10	10			BOTTOM OF EXPLORATION 10 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. BB-22

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-23

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 27, 2016
Finish June 27, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 17 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	48/60 BB-23-01	1	17 1	CL	Yellowish gray silty fine SAND, dry -FILL- Reddish brown CLAY (CL), dry -BAY POINT FORMATION-	
	BB-23-03	3				0.6
5	60/60		12 5	SM	Brown silty fine SAND (SM), dry	
						0.8
10	BB-23-10 60/60	10				
						1.3
15	60/60		1 16	SP	Olive brown fine to medium SAND (SP), micaceous, wet	
						0.7
20					Note: Not logged.	
25	BB-23-GW	25			BOTTOM OF EXPLORATION 25 FT Note: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. BB-23

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LI809-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. BB-24

Project	VACANT BAY BOULEVARD PROPERTIES, CHULA VISTA, CALIFORNIA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller G. Becker
H&A Rep. T. Burns
Elevation Datum 22 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700 Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	50/60				Yellowish gray silty fine SAND, dry	
	BB-24-01	1			-FILL-	
			20 2	CL	Reddish brown lean CLAY (CL), dry	0.7
	BB-24-03	3			-BAY POINT FORMATION-	
5	60/60					1.0
			16 6	ML	Olive brown fine sandy SILT (ML), dry	
						0.8
10	BB-24-10	10			BOTTOM OF EXPLORATION 10 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. BB-24

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023_GP-BB SERIES-RAO.GPJ Jul 20, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B99-01

Project	ROHR - BUILDING 99, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start 27 June 2016
Finish 27 June 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation 17 (est.) Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0				CL	3 in. ASPHALT over	
	B99-01-1 60/60	1			Reddish brown silty CLAY (CL), moist	
					-BAY POINT FORMATION-	ND
						ND
5	B99-01-5 50/60	5				
						ND
			9.5 7.5	ML	Brown clayey SILT (ML), moist, micaceous	
						ND
10	B99-01-10 60/60	10	6.5 10.5	SM	Brown silty fine SAND (SM), moist, micaceous	
			4 13	ML	Brown clayey SILT (ML), moist, micaceous	0.1
15	60/60	15	1.5 15.5	SM	Brown silty SAND (SM), wet	ND
			-1.5 18.5	ML	Brown SILT (ML), moist	ND
						ND
20					Note: Not logged.	
25					BOTTOM OF EXPLORATION 25.0 FT	
					Notes: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. B99-01

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-TAB.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-GP-B99 SERIES.GPJ 15 Jul 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B99-02

Project	ROHR - BUILDING 99, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start 27 June 2016
Finish 27 June 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 15 (est.)
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0				ML	3 in. ASPHALT over Reddish brown fine sandy SILT (ML), trace gravel, dry	
	B99-02-1 60/60	1			-BAY POINT FORMATION-	ND
			12 3	CL	Reddish brown silty CLAY (CL), moist	ND
	B99-02-4	4				
5	60/60	5	10 5	ML	Reddish brown SILT (ML), moist	ND
						ND
			8 7	CL	Brown CLAY (CL), moist	ND
			7 8	ML	Reddish brown to brown SILT (ML), moist, micaceous	ND
						ND
10	B99-02-10	10			BOTTOM OF EXPLORATION 10.0 FT Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. B99-02

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-TAB.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-GP-B99 SERIES.GPJ 15 Jul 16

GEOPROBE REPORT

Boring No. B99-03

Project	ROHR - BUILDING 99, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start 27 June 2016
Finish 27 June 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation 20 (est.) Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0				SM	3 in. ASPHALT over Tan silty SAND (SM) with trace clay, moist	
	B99-03-1 60/60	1			-FILL-	ND
			17 3	CL	Reddish brown sandy CLAY (CL), moist	
	B99-03-4	4			-BAY POINT FORMATION-	ND
5			15 5	ML	Brown SILT (ML), moist, micaceous	
	60/60	5				ND
						ND
			11.5 8.5	CL	Brown CLAY (CL), moist	
						ND
10	B99-03- 10	10			BOTTOM OF EXPLORATION 10.0 FT Note: Backfilled with hydrated bentonite.	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary

Total Depth (ft) 10
Samples 3

Boring No. B99-03

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-TAB.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-GP-B99 SERIES.GPJ 15 Jul 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B99-04

Project	ROHR - BUILDING 99, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start 27 June 2016
Finish 27 June 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation 17 (est.) Datum
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe 7700
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model: MiniRAE 3000

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0				ML	3 in. ASPHALT over Reddish brown fine sandy SILT (ML), moist	
	B99-04-1 60/60	1			-BAY POINT FORMATION-	
			15 2	CL	Reddish brown CLAY (CL), moist	ND
						ND
	B99-04-4	4				
5		5	12 5	ML	Brown SILT (ML), moist	
	60/60					0.1
						ND
						0.1
			8 9	SM	Brown silty SAND (SM), moist	0.1
10	B99-04- 10	10			BOTTOM OF EXPLORATION 10.0 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. B99-04

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-TAB.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-GP-B99 SERIES.GPJ 15 Jul 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-01

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No.	43559-023
Sheet No.	1 of 1
Start	June 27, 2016
Finish	June 27, 2016
Driller	E. Jasso
H&A Rep.	K. Foster
Elevation Datum	14
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	B29-01-1 60/60	0		SC	3.0 in. asphalt over yellow fine SAND with clay (SC)	
					-FILL-	
			13 1	CL	Reddish brown CLAY (CL), moist	ND
	B29-01-2	2			-BAY POINT FORMATION-	
						ND
			10 4	ML	Reddish brown SILT with clay (ML), micaceous, moist	ND
5	60/60					0.3
					Becomes light brown, trace clay	0.4
						ND
			5 9	SM	Light brown silty fine SAND (SM), moist, micaceous	
10	B29-01-10	10			BOTTOM OF EXPLORATION 10.0 FT	
					Note: Boring backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. B29-01

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-02

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 24, 2016
Finish June 24, 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 17
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					3.0 in. asphalt over tan silty SAND, dry	
					-FILL-	
	B29-02-1 60/60	1	16 1	CL	Reddish brown CLAY (CL), moist	0.3
					-BAY POINT FORMATION-	
	B29-02-2	2				0.3
			13 4	ML	Reddish brown clayey SILT (ML), moist, trace fine sand	ND
	60/60			CL	Reddish brown CLAY (CL), moist	
5			13 5	ML	Brown SILT (ML), moist	
			12 5			ND
						ND
			9 9		Brown silty fine SAND (SM), moist	
10	B29-02-10	10			BOTTOM OF EXPLORATION 10.0 FT	
					Note: Boring backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. B29-02

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-03

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller E. Jasso
H&A Rep. T. Burns
Elevation Datum 12
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	B29-03-01 60/60	0			Asphalt, grayish brown medium SAND with gravel, dry	
					-FILL-	
	B29-03-03	3	9	CL	Brown sandy CLAY (CL), moist	
			3		-BAY POINT FORMATION-	
			8	SM	Reddish brown silty fine SAND (SM), moist	0.4
5			4	SP	Olive brown fine SAND (SM), moist, some silt	
	60/60		7			
			5	CL	Reddish brown sandy CLAY (CL), dry	0.3
			6	SM	Olive brown silty fine SAND (SM)	
			6			
			5			
			7			
10	B29-03-10 60/60	10				
			0	CL	Brown sandy CLAY (CL), moist	0.4
			12			
			-1	SW	Olive brown well graded SAND (SW), wet	
			13			
15	60/60					
			-5	SP	Olive brown poorly graded SAND (SW), wet	0.2
			17			
20			-8		Note: Not logged.	
			20			
25	B29-03-GW	25			BOTTOM OF EXPLORATION 25.0 FT	
					Note: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary

Total Depth (ft) 25
Samples 3

Boring No. B29-03

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-04

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 27, 2016
Finish June 27, 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 17
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	B29-04-1 60/60	1			3.0 in. asphalt over reddish brown sandy clay (CL), moist -BAY POINT-	
			14 3	ML	Reddish brown clayey SILT (ML)	ND
						ND
5	B29-04-5 60/60	5	12 5	CL	Reddish brown CLAY (CL), moist	ND
						0.2
			9 8	ML	Reddish brown SILT (ML), moist, trace clay	ND
10	B29-04-10 60/60	10	7 10	CL	Reddish brown CLAY (CL), moist	
			5 12	SM	Olive brown silty SAND (SM), moist, micaceous	
15	60/60				Becomes wet	
			0 17	CH	Olive brown fat CLAY (CH), moist	
			-1 18	SM	Olive brown silty SAND (SM), wet	
20			-2 19		Note: Note logged.	
25	B29-04-GW	25			BOTTOM OF EXPLORATION 25.0 FT Note: Bottom of exploration 25 ft. Groundwater sample collected at 25.0 ft.	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. B29-04

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

GEOPROBE REPORT

Boring No. B29-05

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K Foster
Elevation Datum 13
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					6.0 in. concrete over reddish brown silty CLAY (CL), dry	
	B29-05-2 48/60	2			-BAY POINT FORMATION-	ND
						0.3
5	B29-05-5 60/60	5			Becomes brown	
						0.4
			5 8	ML	Brown SILT (ML), moist	0.2
10	B29-05-10 60/60	10				ND
				SM	Brown silty SAND (SM), moist	0.1
			0 13	ML	Brown SILT (ML), moist	ND
			-1 14	SM	Brown silty SAND (SM), moist, carbonate concretions	ND
15	60/60		-2 15	CL	Brown CLAY (CL), moist	
			-3 16	SM	Brown silty SAND (SM), wet	ND
						ND
						ND
			-6 19	CL	CLAY (CL)	ND
20			-7 20		Note: Not logged.	
25	B29-05-GW	25			BOTTOM OF EXPLORATION 25.0 FT	
					Note: Boring backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. B29-05

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-06

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K Foster
Elevation Datum 15
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	B29-06-1 60/60	1		CL	6.0 in. asphalt over reddish brown sandy CLAY (CL)	
					-BAY POINT FORMATION-	ND
						ND
						ND
5	B29-06-5 60/60	5			Similar to above	
						ND
						ND
						ND
					Similar to above	ND
10	B29-06-10	10	5 10		BOTTOM OF EXPLORATION 10.0 FT	
					Note: Backfilled with hydrated bentonite.	
15						
20						
25						

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 25 Samples 3
								Boring No. B29-06

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-07

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 14
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					6.0 in. asphalt over brown silty SAND with angular sub-base	
					-FILL-	
	60/60 B29-07-1	1	13 1	CL	Reddish brown CLAY (CL), dry, carbonate concretions	ND
					-BAY POINT FORMATION-	
		3			Becomes clay with sand	ND
	B29-07-3					0.1
5	60/60				Becomes clay with trace silt, micaceous	ND
			8 6	ML	Brown clayey SILT (ML), moist	0.2
						0.4
					Becomes wet and tan	0.5
10	60/60 B29-07-10	10	4 10	CL	Brown silty CLAY (CL), moist	ND
		12	2 12	SM	Brown silty SAND (SM), wet	0.5
	B29-07-GW-A			CL	Brown CLAY (CL), moist	ND
			0 14	SM	Brown silty SAND (SM), wet	
15	60/60		-1 15	ML	Brown sandy SILT (ML), wet	ND
			-3 17	SM	Brown silty SAND (SM), wet	
20			-6 20		Note: Not logged.	
25	B29-07-GW	25			BOTTOM OF EXPLORATION 25.0 FT	
					Note: Groundwater sample at 12 and 25 ft. Backfilled with hydrated bentonite.	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. B29-07

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

GEOPROBE REPORT

Boring No. B29-08

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 14
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0				SM	6.0 in. concrete over reddish brown to brown silty SAND (SM)	
	B29-08-1 60/60	1			-BAY POINT FORMATION-	
			11 3	CL	Brown CLAY (CL), moist	ND
						ND
5	B29-08-5 60/60	5				ND
			5 9	ML	Tan SILT with some sand (ML), moist	ND
10	B29-08-10	10			BOTTOM OF EXPLORATION 10.0 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. B29-08

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-09

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K Foster
Elevation Datum 15
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0				CL	6.0 in. concrete over reddish brown CLAY (CL), dry	
	B29-09-1 60/60	1			-BAY POINT FORMATION-	ND
						ND
						ND
5	B29-09-5 60/60	5			Same as above	
					Trace carbonate concretions	ND
						ND
						ND
						ND
10	B29-9-10	10			BOTTOM OF EXPLORATION 10.0 FT	
					Note: Backfilled with hydrated bentonite.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 10
Samples 3

Boring No. B29-09

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-10

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 15
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0				ML	6.0 in. concrete over brown clayey SILT (ML)	
					-BAY POINT FORMATION-	
	B29-10-1 60/60	1	14 1	SM	Brown silty SAND (SM), dry	
			13 2	CL	Brown CLAY (CL), dry	ND
						ND
						ND
5	B29-10-5 60/60	5				
						ND
						ND
						ND
			6 9	CH	Light brown fat CLAY (CH), moist	ND
10	B29-10-10	10			BOTTOM OF EXPLORATION 10.0 FT	
					Note: Boring backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. B29-10

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-11

Project ROHR - BUILDING 29, CHULA VISTA, CA
Client ROHR, INC.
Contractor NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 28, 2016
Finish June 28, 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 15
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				ML	6.0 in. concrete over dry reddish brown sandy SILT (ML)
	B29-11-1 60/60	1			-BAY POINT FORMATION-
			11 4	CL	Brown CLAY (CL), moist
5	B29-11-5 60/60	5			
			7 8	ML	Brown SILT (ML), moist
10	B29-11-10	10			BOTTOM OF EXPLORATION 10.0 FT
					Note: Backfilled with hydrated bentonite.

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 10 Samples 3
								Boring No. B29-11

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LI809-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-12

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No.	43559-023
Sheet No.	1 of 1
Start	June 28, 2016
Finish	June 28, 2016
Driller	E. Jasso
H&A Rep.	K. Foster
Elevation Datum	15
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	B29-12-1 60/60	1		ML	6.0 in. concrete over brown silt (ML), dry	
					-BAY POINT FORMATION-	
			13	CL	Brown CLAY (CL), dry	ND
			2			ND
						ND
5	B29-12-5 60/60	5				
						ND
			8	ML	Brown SILT with clay (ML), micaceous, moist	ND
			7			
			7	CL	Brown CLAY (CL), moist	ND
			8			ND
10	B29-12-10 60/60	10				
						ND
			3	ML	Brown clayey SILT (ML), moist	
			12			ND
			1	CL	Brown CLAY (CL), moist	
15	60/60		14			
						ND
			-2	SM	Brown silty SAND (SM), wet	
			17			ND
						ND
20			-5		Note: Not logged.	
			20			
25	B29-12-GW	25			BOTTOM OF EXPLORATION 25.0 FT	
					Note: Groundwater sample collected at 25.0 ft.	

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. B29-12

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-13

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No.	43559-023
Sheet No.	1 of 1
Start	June 28, 2016
Finish	June 28, 2016
Driller	E. Jasso
H&A Rep.	K. Foster
Elevation Datum	15
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					6.0 in. concrete	
	24/60	1			-FILL-	
					No recovery	
			12	SM	Tan silty SAND with gravel (SM), moist	
	B29-13-4	4	3			
			11	CL	Reddish brown CLAY (CL), moist	
5	B29-13-5 60/60	5	4		-BAY POINT FORMATION-	ND
						ND
					Becomes silty clay	ND
						ns
10	B29-13-10	10	5		BOTTOM OF EXPLORATION 10.0 FT	
			10		Note: Backfilled with hydrated bentonite.	
15						
20						
25						

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 25 Samples 3
								Boring No. B29-13

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-14

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 14
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					6.0 in. asphalt over light brown silty sand with clay	
	B29-14-1.5 60/60	2	12	CL	-FILL-	
	B29-14-3	3	2		Reddish brown CLAY (CL), moist	
					-BAY POINT FORMATION-	ND
						ND
5	60/60				Becomes brown	
						ND
						ND
						ND
						ND
10	B29-14-10	10	4 10		BOTTOM OF EXPLORATION 10.0 FT	
					Note: Boring backfilled with hydrated bentonite.	
15						
20						
25						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary

Total Depth (ft) 25
Samples 3

Boring No. B29-14

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-15

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K Foster
Elevation Datum 14
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					6.0 in. concrete over angular aggregate and silty sand fill, hydrocarbon odor	
	B29-15-1 36/36	1			-FILL-	
			12		6.0 in. concrete	42
	B29-15-3	3	2 12	CL	Brown CLAY (CL), moist	
			3		-BAY POINT FORMATION-	ND
5	60/60					ND
					Becomes dark brown	ND
						ND
						ND
10	B29-15-10 60/60	10			Same as above	0.1
						ND
						0.3
						0.3
15	60/60					ND
						ND
			-3 17	SM	Brown silty SAND (SM), moist	ND
						0.3
			-5 19	CL	CLAY (CL), moist	ND
20					Note: Not logged.	
25	B29-15-GW	25			BOTTOM OF EXPLORATION 25.0 FT	
					Note: Backfilled with hydrated bentonite. Groundwater sample collected at 25 ft.	

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary
Total Depth (ft) 25
Samples 3

Boring No. B29-15

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-16

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K Foster
Elevation Datum 15
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					6.0 in. concrete over tan silty sand, dry	
	B29-16-1.5 60/60	2			-FILL-	
			13 2	ML	Reddish brown SILT with clay (ML), dry	ND
					-BAY POINT FORMATION-	
	B29-16-4 60/60	4				ND
5			10 5	CL	Reddish brown CLAY (CL), dry	ND
					Becomes brown	ND
						ND
						ND
10	B29-16-10 60/60	10			Same as above	
						ND
						ND
						ND
						ND
15	60/60				Same as above	ND
						ND
						ND
						ND
20	60/60				Same as above	
						ND
						ND
						ND
						ND
25	B29-16-GW	25			Same as above	
			-13 28	ML	Olive brown SILT (ML), wet	
			-15 30		BOTTOM OF EXPLORATION 30.0 FT Note: Groundwater sample at 30 ft. Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 25 Samples 3
								Boring No. B29-16

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-17

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K Foster
Elevation Datum 15
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					6.0 in. concrete over light brown silty sandy, dry	
	B29-17-1 60/60	1			-FILL-	
			13 2	CL	Brown CLAY (CL), moist	ND
	B29-17-3	3			-BAY POINT FORMATION-	
						ND
5	60/60				Same as above	
						ND
						ND
						ND
						ND
10	B29-17-10	10	5 10		BOTTOM OF EXPLORATION 10.0 FT	
					Note: Backfilled with hydrated bentonite.	
15						
20						
25						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary

Total Depth (ft) 25
Samples 3

Boring No. B29-17

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-18

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K Foster
Elevation Datum 12
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0					6.0 ft asphalt over brown silty lauercaic with aggregrate, dry	
					-FILL-	
	B29-18-1.5 60/60	2	11/2	CL	Brown CLAY (CL), dry	ND
					-BAY POINT FORMATION-	
	B29-18-3	3				ND
						ND
5	60/60				Same as above	
						ND
						ND
						ND
						ND
10	B29-18-10	10	2/10		BOTTOM OF EXPLORATION 10.0 FT	ND
					Note: Backfilled with hydrated bentonite.	
15						
20						
25						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary

Total Depth (ft) 25
Samples 3

Boring No. B29-18

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

HALEY ALDRICH

GEOPROBE REPORT

Boring No. B29-19

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 29, 2016
Finish June 29, 2016
Driller E. Jasso
H&A Rep. K Foster
Elevation Datum 12
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0	60/60				6.0 in. asphalt over silty sand	
					-FILL-	
	B29-19-2	2	10/2	CL	Brown CLAY (CL), moist	
					-BAY POINT FORMATION-	ND
						ND
5	B29-19-5 60/60	5			Carbonate concretions	
						ND
						ND
					No carbonate concretions	ND
						ND
10	B29-19-10	10	2/10		BOTTOM OF EXPLORATION 10.0 FT	
					Note: Backfilled with hydrated bentonite.	
15						
20						
25						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Splitspoon Sample
G - Geoprobe

Summary

Total Depth (ft) 25
Samples 3

Boring No. B29-19

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

GEOPROBE REPORT

Boring No. B29-20

Project	ROHR - BUILDING 29, CHULA VISTA, CA
Client	ROHR, INC.
Contractor	NATIONAL EWP

File No. 43559-023
Sheet No. 1 of 1
Start June 27, 2016
Finish June 27, 2016
Driller E. Jasso
H&A Rep. K. Foster
Elevation Datum 11
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	--	Rig Make & Model: Geoprobe Truck
Inside Diameter (in.)			--	Bit Type:
Hammer Weight (lb)			-	Drill Mud:
Hammer Fall (in.)			-	Casing:
				Hoist/Hammer:
				PID Make & Model:

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Color, GROUP NAME, max. particle size†, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)	PID Readings (ppm)
0				SM	3.0 in. asphalt over light brown silty SAND (SM)	
					-FILL-	
	B29-20-1	1	10		Brown CLAY with silt, moist	
			1			
	B29-20-2 60/60	2			- BAY POINT FORMATION-	
					Carbonate concretions	ND
						0.1
5	60/60				Same as above	0.1
						0.1
					Same as above	ND
						ND
10	B29-20-10 60/60	10				
15	60/60			CL	Becomes sandy CLAY (CL)	
					Becomes wet	
			-7	SM	Olive brown silty SAND (SM), moist	
			18			
20			-9		Note: Not logged.	
			20			
25	B29-20-GW	25			BOTTOM OF EXPLORATION 25.0 FT	
					Note: Groundwater sample collected from 20 from 25 ft. Backfilled with hydrated bentonite.	

Water Level Data						Sample ID		Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample S - Splitspoon Sample G - Geoprobe		Total Depth (ft) 25 Samples 3
								Boring No. B29-20

Field Tests: **PID**: ND = non-detect

† **Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A-GEOPROBE-09-SDG HA-LIB09-BOS.GLB HA-TB+CORE+WELL-09 W FENCE.GDT \\BOS\GINT\43559-023-TB-KOS.GPJ Jul 22, 16

TEST BORING REPORT

Boring No. B29-02A

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 9, 2020
Finish January 9, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 18.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Truck: Geoprobe 6620
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. ASPHALT
	B29-02A-010 36/36	0.5 1.0	ND	0.5	CL	Reddish-brown silty CLAY, no odor, moist, with trace fine sand
						-BAYPOINT FORMATION-
	B29-02A-030	2.5 3.0	ND	3.0		BOTTOM OF EXPLORATION 3.0 FT
						Note: -No groundwater encountered

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-02A**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-02B

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 9, 2020
Finish January 9, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 18.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Truck: Geoprobe 6620
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						
				0.5		6-in. ASPHALT
	B29-02B-010 36/36	0.5 1.0	ND		CL	Reddish-brown silty CLAY, no odor, moist, with trace fine sand
						-BAYPOINT FORMATION-
	B29-02B-030	2.5 3.0	ND	3.0		BOTTOM OF EXPLORATION 3.0 FT
						Note: -No groundwater encountered

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-02B

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-02C

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 9, 2020
Finish January 9, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 18.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Truck: Geoprobe 6620
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						
				0.5		6-in. ASPHALT
	B29-02C-010 36/36	0.5 1.0	ND		CL	Reddish-brown silty CLAY, no odor, moist, with trace fine sand
						-BAYPOINT FORMATION-
	B29-02C-030	2.5 3.0	ND	3.0		BOTTOM OF EXPLORATION 3.0 FT
						Note: -No groundwater encountered

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-02C**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. B29-03A

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 14.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. ASPHALT
	B29-03A-010 34/36	0.5 1.0	ND	0.8	SM CL	1-in. light brown fine SAND, no odor, moist -FILL- Dark yellowish-brown to reddish-brown silty CLAY, no odor, moist, with trace fine sand -BAYPOINT FORMATION-
	B29-03A-030	2.5 3.0	ND	3.0		BOTTOM OF EXPLORATION 3.0 FT Note: -No groundwater encountered

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples
Boring No. B29-03A

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-03B

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 14.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. ASPHALT
	B29-03B-010 36/36	0.5 1.0	ND	0.8	CL	1-in. light brown fine SAND, no odor, moist -FILL-
						Dark yellowish-brown to reddish-brown silty CLAY, no odor, moist, with trace fine sand -BAYPOINT FORMATION-
	B29-03B-030	2.5 3.0	ND	3.0		BOTTOM OF EXPLORATION 3.0 FT
						Note: -No groundwater encountered

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. B29-03B

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

HALEY ALDRICH

TEST BORING REPORT

Boring No. B29-05A

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
						1-in. light brown fine SAND at 0.5 ft Moderate yellowish-brown to reddish-brown, silty fine SAND, no odor, moist with clay 1-in. degraded asphalt at 2.4 ft bgs with petroleum hydrocarbon odor -FILL-
	B29-05A-020 36/36	1.5 2.0	ND			
	B29-05A-030	2.5 3.0	ND	3.0		BOTTOM OF EXPLORATION 3.0 FT Note: -No groundwater encountered

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-05A**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

HALEY ALDRICH

TEST BORING REPORT

Boring No. B29-05B

Project: Parcel A Data Gap Assessment-Building 29
Client: Rohr, Inc. a Collins Aerospace Company
Contractor: Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
						1-in. light brown fine SAND at 0.5 ft Moderate yellowish-brown to reddish-brown, silty fine SAND, no odor, moist with clay 1-in. degraded asphalt at 2.4 ft bgs with petroleum hydrocarbon odor -FILL-
	B29-05B-020 36/36	1.5 2.0	ND			
	B29-05B-030	2.5 3.0	0.7	3.0		BOTTOM OF EXPLORATION 3.0 FT Note: -No groundwater encountered

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-05B**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

TEST BORING REPORT

Boring No. B29-05C

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
						Moderate yellowish-brown to reddish-brown silty fine SAND, no odor, moist, with trace angular fine gravel
						1-in. degraded asphalt at 1.0 ft bgs
	B29-05C-020 36/36	1.5 2.0	ND			-FILL-
	B29-05C-030	2.5 3.0	ND			1-in. degraded asphalt at 2.5 ft bgs
				3.0		BOTTOM OF EXPLORATION 3.0 FT
						Note: -No groundwater encountered

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. B29-05C

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-07A

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 14.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. ASPHALT
	B29-07A-010 36/36	0.5 1.0	ND	0.8	CL	1-in. light brown fine SAND, no odor, moist -FILL- Dark yellowish-brown to reddish-brown silty CLAY, no odor, moist, with trace fine sand -BAYPOINT FORMATION-
	B29-07A-030	2.5 3.0	ND	3.0		BOTTOM OF EXPLORATION 3.0 FT Note: -No groundwater encountered

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-07A**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-07B

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 14.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. ASPHALT
	B29-07B-010 36/36	0.5 1.0	ND	0.8	CL	1-in. light brown fine SAND, no odor, moist -FILL- Dark yellowish-brown to reddish-brown silty CLAY, no odor, moist, with trace fine sand -BAYPOINT FORMATION-
	B29-07B-030	2.5 3.0	ND	3.0		BOTTOM OF EXPLORATION 3.0 FT Note: -No groundwater encountered

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples
Boring No. B29-07B

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. B29-22

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
	B29-22-010 48/48	0.5 1.0	ND	0.5	SM	Loose dark yellowish-brown to reddish-brown silty fine SAND, no odor, moist, with angular fine gravel
						3-in. degraded asphalt at 1.5 ft bgs
						-FILL-
				2.5	ML	Soft reddish-brown clayey SILT, no odor, moist
						-BAYPOINT FORMATION-
	B29-22-050 48/48	4.5 5.0	ND			With trace fine sand at 4.5 ft bgs
5				6.0	CL	Stiff reddish-brown to light yellowish-brown silty CLAY, no odor, moist
				7.5	ML	Reddish-brown to light yellowish-brown clayey SILT, no odor, moist
	48/48	8.0				
	B29-22-100	9.5 10.0	ND			Becomes light yellowish-brown at 10.0 ft bgs
10						Becomes wet at 11.0 ft bgs
	48/48	11.5		11.5	SM	Loose light yellowish-brown silty fine SAND, no odor, wet
				13.5	ML	Soft light yellowish-brown SILT, no odor, moist to wet, with trace fine sand
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-22

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15						
	12/12	16.0		16.0	SM	Loose moderate yellowish-brown silty fine SAND, no odor, saturated
				17.0		BOTTOM OF EXPLORATION 17.0 FT

Note:
-Groundwater encountered at 16.0 ft bgs
-During drilling, groundwater sample collected between 12.0 and 17.0 ft bgs

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TEST BORING REPORT

Boring No. B29-23

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 10, 2020
Finish January 10, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-23-010 48/48	0.5 1.0	5.6			Loose dark yellowish-brown to reddish-brown silty fine SAND, no odor, moist
						3-in. degraded asphalt at 1.5 ft bgs
				2.5		-FILL-
					SC	Medium dense reddish-brown clayey SAND, no odor, moist
						-BAYPOINT FORMATION-
5	B29-23-050 48/48	4.5 5.0	ND			
				5.5	ML	Stiff moderate yellowish-brown clayey SILT, no odor, moist
	48/48	8.0				
	B29-23-100	9.5 10.0	ND			
10						Becomes soft and light yellowish-brown at 10.0 ft bgs
						With trace fine sand at 11.0 ft bgs
	48/48	12.0				Becomes wet at 12.0 ft bgs
				12.5	SM	Loose silty fine SAND, no odor, saturated
				14.0	ML	Clayey SILT, no odor, moist
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples
Boring No. B29-23

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15						With trace fine sand at 15.0 ft bgs
				16.0		
	48/48	16.0			SM	Loose silty fine SAND, no odor, saturated Becomes silty medium sand at 16.5 ft bgs
20	48/48	20.0				
				22.0	CL	Hard yellowish-gray CLAY, no odor, moist
	48/48	24.0				
25						
				28.0		
	24/24	28.0			SC-SM	Loose yellowish-gray clayey medium SAND, no odor, saturated
				29.8		Becomes yellowish-brown silty to clayey fine SAND at 29.5 ft bgs
30				30.0	CL	Soft yellowish-brown sandy CLAY, no odor, wet
						BOTTOM OF EXPLORATION 30.0 FT

Note:
-Groundwater encountered at 12.5, 16.0, and 28.0 ft bgs during drilling
-2 groundwater samples collected between 12.0 and 17.0 ft and 25.0 to 30.0 ft bgs

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TEST BORING REPORT

Boring No. B29-24

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 14, 2020
Finish January 14, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-24-010 48/48	0.5 1.0	4.9			Loose dark yellowish-brown to reddish-brown silty fine SAND, no odor, moist
						3-in. degraded asphalt at 1.5 ft bgs
						-FILL-
				2.5	ML	Medium dense reddish-brown silty fine SAND, no odor, moist
						-BAYPOINT FORMATION-
	B29-24-050 48/48	4.5 5.0	0.4			
5					ML	Moderate yellowish-brown clayey SILT, no odor, moist
	48/48	8.0				Becomes soft and light yellowish-brown at 8.5 ft bgs
	B29-24-100	9.5	ND			With trace fine sand at 9.5 ft bgs
10		10.0		10.0	SM	Loose light yellowish-brown silty fine SAND, no odor, moist to wet
	48/48	12.0				Becomes wet at 12.0 ft bgs
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-24

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15	12/12	16.0				Becomes saturated at 16.0 ft bgs
				17.0		BOTTOM OF EXPLORATION 17.0 FT
						Note: -Groundwater encountered at 16.0 ft bgs during drilling -Groundwater samples collected between 12.0 and 17.0 ft bgs

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TEST BORING REPORT

Boring No. B29-25

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 9, 2020
Finish January 9, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 16.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Truck: Geoprobe 6620
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
	B29-25-010 48/48	0.5 1.0	ND	0.5	CL	Stiff dark yellowish-brown to reddish-brown silty CLAY, no odor, moist
						-BAYPOINT FORMATION-
				2.5	ML	Soft dark yellowish-brown to reddish-brown clayey SILT, no odor, moist
	B29-25-050 48/48	4.5 5.0	ND			
5						Becomes moderate to light yellowish-brown with trace fine sand at 5.0 ft bgs
				6.5	SM	Loose light yellowish-brown silty fine SAND, no odor, moist
	48/48	8.0				Becomes moderate yellowish-brown at 9.0 ft bgs
	B29-25-100	9.5 10.0	ND			
10				10.0	ML	Soft moderate yellowish-brown clayey SILT, no odor, moist
	48/48	11.5				Becomes wet at 11.5 ft bgs
				12.0	SM	Loose moderate to light yellowish-brown silty fine to medium SAND, no odor, wet
15						Becomes saturated at 14.5 ft bgs

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-25

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15	36/36	16.0				
				18.5	ML	Soft moderate yellowish-brown clayey SILT, no odor, moist to wet
				19.0		BOTTOM OF EXPLORATION 19.0 FT

Note:
-Groundwater encountered at 14.5 ft bgs during drilling
-Groundwater samples collected between 14.0 and 19.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-26

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 14, 2020
Finish January 14, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-26-010 48/48	0.5 1.0	ND	1.0	SM	Loose dark yellowish-brown to reddish-brown silty fine SAND, no odor, moist, with trace black angular fine gravel (asphalt) from 0.5 to 1.0 ft bgs
						-FILL-
						Loose to medium dense reddish-brown silty fine SAND, no odor, moist
						-BAYPOINT FORMATION-
	B29-26-050 48/48	4.5 5.0	ND	5.0		
5					ML	Stiff moderate yellowish-brown clayey SILT, no odor, moist
						Becomes soft and light yellowish-brown at 7.5 ft bgs
	48/48	8.0				With trace fine sand at 8.5 ft bgs
						Becomes wet at 9.0 ft bgs
	B29-26-100	9.5 10.0	ND	9.5	SM	Loose light yellowish-brown silty fine to medium SAND, no odor, wet
10						
	48/48	12.0				
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples
Boring No. B29-26

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15	24/24	16.0				Becomes saturated at 16.0 ft bgs
				18.0		BOTTOM OF EXPLORATION 18.0 FT

Note:
-Groundwater encountered at 16.0 ft bgs during drilling
-Groundwater samples collected between 13.0 and 18.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-27

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 14, 2020
Finish January 14, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
	B29-27-010 48/48	0.5 1.0	ND	0.5		Loose dark yellowish-brown to reddish-brown silty fine SAND, no odor, moist -FILL-
				2.5	SM	Loose to medium dense reddish-brown silty fine SAND, no odor, moist -BAYPOINT FORMATION-
5	B29-27-050 48/48	4.5 5.0	ND	5.0	ML	Moderate yellowish-brown clayey SILT, no odor, moist
	48/48	8.0				Becomes soft and light yellowish-brown at 7.5 ft bgs; With trace fine sand at 8.5 ft bgs
				9.0		Becomes wet at 9.0 ft bgs
10	B29-27-100	9.5 10.0	ND		SM	Loose light yellowish-brown silty fine to medium SAND, no odor, wet
	48/48	12.0				
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-27

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15	24/24	16.0				Becomes saturated at 16.0 ft bgs
				18.0		BOTTOM OF EXPLORATION 18.0 FT

Note:
-Groundwater encountered at 16.0 ft bgs during drilling
-Groundwater samples collected between 13.0 and 18.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-28

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 14, 2020
Finish January 14, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
	B29-28-010 48/48	0.5 1.0	ND	0.5		Loose dark yellowish-brown to reddish-brown silty fine SAND, no odor, moist -FILL-
				2.5	ML	Soft reddish-brown SILT, no odor, moist -BAYPOINT FORMATION-
						Becomes clayey SILT at 4.0 ft bgs
5	B29-28-050 48/48	4.5 5.0	ND	5.0	CL	Dark reddish-brown silty CLAY, no odor, moist, with trace fine sand
						Becomes moderate yellowish-brown at 6.0 ft bgs
				9.0	SC-SM	Loose to medium dense moderate yellowish-brown clayey fine SAND, no odor, moist
10	B29-28-100 48/48	9.5 10.0	ND			Becomes light yellowish-brown silty fine to medium sand at 11.0 ft bgs
	48/48	12.0				Becomes clayey fine sand at 12.0 ft bgs
						Becomes silty fine to medium sand, wet at 13.0 ft bgs
						Becomes saturated at 14.0 ft bgs
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-28

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15	48/48	16.0				
				18.0		BOTTOM OF EXPLORATION 18.0 FT

Note:
-Groundwater encountered at 14.0 ft bgs during drilling
-Groundwater samples collected between 13.0 and 18.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-29

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 14, 2020
Finish January 14, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-29-010 48/48	0.5 1.0	ND			Loose dark yellowish-brown to reddish-brown silty fine SAND, no odor, moist -FILL-
				2.5	ML	Soft reddish-brown SILT, no odor, moist -BAYPOINT FORMATION-
						Becomes clayey SILT at 4.0 ft bgs
	B29-29-050 48/48	4.5 5.0	ND	5.0	CL	Dark reddish-brown silty CLAY, no odor, moist, with trace fine sand
5						Becomes moderate yellowish-brown at 6.0 ft bgs
	48/48	8.5		9.0	SC-SM	Loose to medium dense moderate yellowish-brown clayey fine SAND, no odor, moist
	B29-29-100	9.5 10.0	ND			
10						Becomes light yellowish-brown silty fine to medium sand at 11.0 ft bgs
	48/48	12.0				Becomes clayey fine sand at 12.0 ft bgs
						Becomes silty fine to medium sand, wet at 13.0 ft bgs
						Becomes saturated at 14.0 ft bgs
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-29

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15	24/24	16.0				
				18.0		BOTTOM OF EXPLORATION 18.0 FT

Note:
-Groundwater encountered at 14.0 ft bgs during drilling
-Groundwater samples collected between 13.0 and 18.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-30

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 9, 2020
Finish January 9, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
	B29-30-010 48/48	0.5 1.0	ND	0.5		Soft dark yellowish-brown to reddish-brown fine sandy SILT, no odor, moist
				1.5		-FILL-
					SM	Medium dense dark yellowish-brown to reddish-brown clayey fine SAND, no odor, moist
						-BAYPOINT FORMATION-
5	B29-30-050 48/48	4.5 5.0	ND	5.5	CL	Dark yellowish-brown to reddish-brown silty CLAY, no odor, moist
	48/48	7.5		7.5	ML	Soft dark yellowish-brown to reddish-brown clayey SILT, no odor, moist Becomes moderate yellowish-brown with trace fine sand at 8.0 ft bgs
10	B29-30-100	9.5 10.0	ND	9.5	SM	Loose moderate yellowish-brown silty fine SAND, no odor, moist
	48/48	11.5		12.0		Becomes wet at 10.5 ft bgs
					ML	Soft moderate yellowish-brown clayey SILT, no odor, wet, micaceous
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-30

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15				16.0		
	48/48	16.0			SM	Loose moderate yellowish-brown clayey silty fine SAND, no odor, wet Becomes saturated at 17.0 ft bgs
	24/24	19.0				
20				21.0	ML	Moderate yellowish-brown clayey SILT, no odor, moist to wet
				22.0		BOTTOM OF EXPLORATION 22.0 FT

Note:
-Groundwater encountered at 17.0 ft during drilling
-Groundwater sampler collected between 17.0 and 22.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-31

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 9, 2020
Finish January 9, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-31-010 48/48	0.5 0.5	ND			Soft dark yellowish-brown to reddish-brown fine sandy SILT, no odor, moist
				1.5		-FILL-
					SC	Medium dense dark yellowish-brown to reddish-brown clayey fine SAND, no odor, moist
						-BAYPOINT FORMATION-
	B29-31-050 48/48	4.5 0.5	ND			
5		5.5		5.5	CL	Dark yellowish-brown to reddish-brown silty CLAY, no odor, moist
	48/48	8.0	ND	9.0	ML	Soft dark yellowish-brown to light yellowish-brown clayey SILT, no odor, moist
	B29-31-100	9.5 0.5				
10	48/48	11.0		11.0	SM	Loose light yellowish-brown to light yellowish-gray silty fine SAND, no odor, moist
						Becomes wet at 11.5 ft bgs
						Becomes saturated at 12.5 ft bgs
				14.0	ML	Soft reddish-brown clayey SILT, no odor, moist, with trace fine sand
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-31

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15						
	48/48	16.0		16.0	SM	Loose yellowish-brown to dark yellowish-brown silty fine SAND, no odor, wet, no odor, moist to wet
						Becomes saturated at 19.0 ft bgs
20	36/36	19.5				
				22.0	ML	Yellowish-brown to reddish-brown clayey SILT, no odor, moist
				23.0		BOTTOM OF EXPLORATION 23.0 FT

Note:
-Groundwater encountered at 12.5 ft and 19.0 ft bgs during drilling
-Groundwater sampler collected between 18.0 and 23.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-32A

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 14, 2020
Finish January 14, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-32A-010 48/48	0.5 1.0	ND	1.0	ML	Loose moderate yellowish-brown to reddish-brown silty fine SAND, no odor, moist, with trace black angular fine gravel from 0.5 to 1.0 ft bgs (asphalt) -FILL-
						Soft reddish-brown SILT, no odor, moist -BAYPOINT FORMATION-
						Becomes clayey silt at 4.0 ft bgs
	B29-32A-050 48/48	4.5 5.0	ND			
5						Becomes moderate yellowish-brown at 5.0 ft bgs
						Becomes fine sandy silt at 6.0 ft bgs
						Becomes wet at 8.0 ft bgs
	B29-32A-100 24/24	9.5 10.0	ND	10.0		BOTTOM OF EXPLORATION 10.0 FT
10						Note: -No groundwater encountered

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-32A**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-32B

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 14, 2020
Finish January 14, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-32B-010 48/48	0.5 1.0	ND	1.0	ML	Loose moderate yellowish-brown to reddish-brown silty fine SAND, no odor, moist, with trace black angular fine gravel from 0.5 to 1.0 ft bgs (asphalt) -FILL-
						Soft reddish-brown SILT, no odor, moist -BAYPOINT FORMATION-
						Becomes clayey silt at 4.0 ft bgs
	B29-32B-050 48/48	4.5 5.0	ND			
5						Becomes moderate yellowish-brown at 5.0 ft bgs
						Becomes fine sandy silt at 6.0 ft bgs
						Becomes wet at 8.0 ft bgs
	B29-32B-100 24/24	9.5 10.0	ND	10.0		BOTTOM OF EXPLORATION 10.0 FT
10						Note: -No groundwater encountered

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-32B**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-32C

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 14, 2020
Finish January 14, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-32C-010 48/48	0.5 1.0	ND		SM	Loose dark yellowish-brown to reddish-brown silty fine SAND, no odor, moist
						3-in. degraded asphalt at 1.5 ft bgs
						-FILL-
				2.5	ML	Soft reddish-brown SILT, no odor, moist
						-BAYPOINT FORMATION-
			ND			Becomes clayey SILT at 4.0 ft bgs
	B29-32C-050 48/48	4.5 5.0		5.0		
5					CL	Dark reddish-brown silty CLAY, no odor, moist, with trace fine sand
						Becomes moderate yellowish-brown at 6.0 ft bgs
	48/48	8.0				
			ND	9.0	SC-SM	Loose to medium dense moderate yellowish-brown clayey fine SAND, no odor, moist
	B29-32C-100	9.5 10.0				
10						Becomes light yellowish-brown silty fine to medium sand at 11.0 ft bgs
	48/48	12.0				Becomes clayey fine sand at 12.0 ft bgs
						Becomes silty fine to medium sand, wet at 13.0 ft bgs
						Becomes saturated at 14.0 ft bgs
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-32C

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15	24/24	16.0		18.0		BOTTOM OF EXPLORATION 18.0 FT Note: -Groundwater encountered at 14.0 ft bgs during drilling -Groundwater samples collected between 13.0 and 18.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-33A

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 8, 2020
Finish January 8, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-33A-010 48/48	0.5 1.0	ND			Loose yellowish-brown silty fine to medium SAND, no odor, moist -FILL-
				4.5		Reddish brown fine sandy SILT, with nails and broken glass fragments at 4.3 ft bgs
5	B29-33A-050 48/48	4.5 5.0	ND		ML	Loose reddish to yellowish-brown silty fine SAND, no odor, moist, with clay and tracel shell fragments -BAYPOINT FORMATION-
	24/24	8.0				Becomes medium dense at 8.0 ft bgs
	B29-33A-100	9.5 10.0	ND			
10				10.0		BOTTOM OF EXPLORATION 10.0 FT

Note:
-No groundwater encountered

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. B29-33A

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. B29-33B

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 9, 2020
Finish January 9, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
	B29-33B-010 48/48	0.5 1.0	ND	0.5		Loose yellowish-brown silty fine to medium SAND, no odor, moist, with trace coarse sand and fine gravel -FILL-
				3.0	ML	Soft dark yellowish-brown to reddish-brown SILT, no odor, moist -BAYPOINT FORMATION-
5	B29-33B-050 48/48	4.5 5.0	ND	5.0	CL	Stiff dark yellowish-brown silty CLAY, no odor, moist
	24/24	8.0				With fine sand between 8.0 and 8.5 ft bgs
	B29-33B-100	9.5 10.0	ND	10.0		BOTTOM OF EXPLORATION 10.0 FT
10						Note: -No groundwater encountered

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-33B**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-33C

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 9, 2020
Finish January 9, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-33C-010 48/48	0.5 1.0	ND			Loose yellowish-brown silty fine to medium SAND, no odor, moist, with trace coarse sand and fine gravel -FILL-
				3.0	ML	Yellowish-brown to reddish-brown fine SILT, no odor, moist -BAYPOINT FORMATION-
5	B29-33C-050 48/48	4.5 5.0	ND			
				6.0	SM	Loose to medium dense reddish-brown silty fine SAND, no odor, moist
	48/48	8.0				
				9.0	CL	Yellowish-brown CLAY, no odor, moist
10	B29-33C-100	9.5 10.0	ND			
	48/48	12.0				
15						

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-33C

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15	48/48	16.0				Becomes soft light yellowish-gray at 18.0 ft bgs
20	48/48	19.0				Becomes moderate yellowish-brown with trace fine sand at 19.5 ft bgs
				22.0	SM	Loose yellowish-brown silty fine SAND, no odor, wet, micaceous
						Becomes saturated at 23.0 ft bgs
				24.0		BOTTOM OF EXPLORATION 24.0 FT

Note:
-Groundwater encountered at 23.0 ft bgs during drilling
-Groundwater sampler collected between 19.0 and 24.0 ft bgs

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

TEST BORING REPORT

Boring No. B29-34A

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 8, 2020
Finish January 8, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-34A-010 48/48	0.5 1.0	ND			Loose dark yellowish-brown silty fine to medium SAND, no odor, moist, with trace coarse sand
						-FILL-
				2.0	ML	Soft dark reddish-brown SILT, no odor, moist
						-BAYPOINT FORMATION-
				4.0	CL	Stiff dark reddish-brown to yellowish-brown silty CLAY, no odor, moist, with trace fine sand
	B29-34A-050 48/48	4.5 5.0	ND			
5						
	24/24	8.0				
	B29-34A-100	9.5 10.0	ND			
10				10.0		BOTTOM OF EXPLORATION 10.0 FT
						Note: -No groundwater encountered

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. B29-34A

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. B29-34B

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 8, 2020
Finish January 8, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-34B-010 48/48	0.5 1.0	ND			Loose dark yellowish-brown silty fine to medium SAND, no odor, moist, with trace coarse sand
						-FILL-
				2.0	ML	Soft dark reddish-brown SILT, no odor, moist
						-BAYPOINT FORMATION-
				4.0	CL	Stiff dark reddish-brown to yellowish-brown silty CLAY, no odor, moist, with trace fine sand
	B29-34B-050 48/48	4.5 5.0	ND			
5						
	24/24	8.0				
	B29-34B-100	9.5 10.0	ND			
10				10.0		BOTTOM OF EXPLORATION 10.0 FT
						Note: -No groundwater encountered

Water Level Data					
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
- O - Open End Rod
- T - Thin Wall Tube
- U - Undisturbed Sample
- **S - Split Spoon Sample**
- G - Geoprobe

Well Diagram
- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary
- Overburden (ft)
- Rock Cored (ft)
- Samples

Boring No. B29-34B

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. B29-34C

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 8, 2020
Finish January 8, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0						6-in. CONCRETE
	B29-34C-010 48/48	0.5 1.0	ND	0.5		Loose reddish to yellowish-brown silty fine SAND, no odor, moist, with trace angular fine gravel -FILL-
				2.0		1.5-in. concrete fragments at 2.0 ft bgs
					ML	Soft dark reddish-brown SILT, no odor, moist -BAYPOINT FORMATION-
				4.0		
	B29-34C-050 48/48	4.5 5.0	ND		CL	Stiff dark reddish-brown to yellowish-brown silty CLAY, no odor, moist, with trace fine sand
5						
	48/48	8.0				
	B29-34C-100	9.5	ND			
10		10.0				
	24/24	12.0				No silt at 12.0 ft bgs
15						

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-34C**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High **Plasticity**: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

H&A WNC TEST BORING LOG R4 127827-007_HA-LIB09.GLB HA-TB+CORE+WELL-07-1.GDT \\HALEYALDRICH.COM\SHARE\SDG_COMMON\127827_NORTH CAMPUS\007_PROJECT SPRINGSTEEN PARCEL A, BLDGS 29 99 100\PARCEL A DATA GAP ASSESSMENT\GINT\127827-007TB_DATABASE.GPJ Feb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15						
				16.0	CL	Become dark yellowish-brown silty clay at 15.5 ft
	48/48	16.0			ML	Stiff light yellowish-brown clayey SILT, no odor, moist
20	48/48	20.0				Becomes light yellowish-gray at 20.0 ft bgs
				22.0	SM	Loose yellowish-brown silty fine SAND, no odor, wet, micaceous
						Becomes saturated at 23.0 ft bgs
	12/12	24.0				
25				25.0		BOTTOM OF EXPLORATION 25.0 FT
						Note: -Groundwater encountered at 23.0 ft during drilling -Groundwater sampler collected between 20.0 and 25.0 ft bgs

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TEST BORING REPORT

Boring No. B29-35A

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 8, 2020
Finish January 8, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-35A-010 48/48	0.5 1.0	ND			Loose yellowish-brown silty fine to medium SAND, no odor, moist 2-in. dark brown silty medium SAND, with trace angular fine gravel and slight petroleum hydrocarbon odor -FILL-
				4.0	CL	Very stiff yellowish-brown to reddish-brown sandy CLAY, no odor, moist -BAYPOINT FORMATION-
5	B29-35A-050 48/48	4.5 5.0	ND			
	24/24	8.0				
	B29-35A-100	9.5 10.0	ND			
10				10.0		BOTTOM OF EXPLORATION 10.0 FT Note: -No groundwater encountered

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-35A

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. B29-35B

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 1
Start January 8, 2020
Finish January 8, 2020
Driller M. Juarez
H&A Rep. H. Heggeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-35B-010 48/48	0.5 1.0	ND			Loose yellowish-brown silty fine to medium SAND, no odor, moist 2-in. dark brown silty medium SAND, with trace angular fine gravel and slight petroleum hydrocarbon odor -FILL-
				4.0	CL	Very stiff yellowish-brown to reddish-brown sandy CLAY, no odor, moist
	B29-35B-050 48/48	4.5 5.0	ND			-BAYPOINT FORMATION-
5						
	24/24	8.0				
	B29-35B-100	9.5 10.0	ND			
10				10.0		BOTTOM OF EXPLORATION 10.0 FT Note: -No groundwater encountered

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water

Sample ID
O - Open End Rod
T - Thin Wall Tube
U - Undisturbed Sample
S - Split Spoon Sample
G - Geoprobe

Well Diagram
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary
Overburden (ft)
Rock Cored (ft)
Samples

Boring No. B29-35B

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Toughness**: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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TEST BORING REPORT

Boring No. B29-35C

Project	Parcel A Data Gap Assessment-Building 29
Client	Rohr, Inc. a Collins Aerospace Company
Contractor	Interphase Environmental, Inc.

File No. 127827-007
Sheet No. 1 of 2
Start January 8, 2020
Finish January 8, 2020
Driller M. Juarez
H&A Rep. H. Heffeness
Elevation 21.0
Datum NAVD88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type		G	-	Rig Make & Model: Geoprobe 6620 DT
Inside Diameter (in.)	-	1.75	-	Bit Type: Geoprobe shoe
Hammer Weight (lb)	-	-	-	Drill Mud:
Hammer Fall (in.)	-	-	-	Casing:
				Hoist/Hammer: Automatic Hammer
				PID Make & Model: MiniRAE 3000 10.6 eV bulb

Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
0				0.5		6-in. CONCRETE
	B29-35C-010 48/48	0.5 1.0	ND		SM	Medium dense reddish-brown silty fine SAND, no odor, moist, with trace angular fine gravel
						3- in. dark brown silty medium SAND with trace angular fine gravel and slight petroleum hydro-carbon odor at 1.5 ft bgs Becomes moderate olive-brown at 3.5 ft -FILL-
	B29-35C-050 48/48	4.5 5.0	0.5	5.0		
5					CL	Very stiff reddish-brown fine sandy CLAY, no odor, moist
	48/48	8.0				
	B29-35C-100	9.5 10.0	ND			
10						
	48/48	12.0				
15						

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft) to: Bottom of Casing	Bottom of Hole	Water	O - Open End Rod T - Thin Wall Tube U - Undisturbed Sample **S - Split Spoon Sample** G - Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (ft) Rock Cored (ft) Samples **Boring No. B29-35C**

Field Tests: **Dilatancy**: R - Rapid S - Slow N - None **Plasticity**: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High **Dry Strength**: N - None L - Low M - Medium H - High V - Very High

***Note: Maximum particle size is determined by direct observation within the limitations of sampler size.**

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

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Depth (ft)	Sample No. & Rec. (in.)	Sample Depth (ft)	PID Readings	Stratum Change Elev/Depth (ft)	USCS Symbol	VISUAL-MANUAL IDENTIFICATION AND DESCRIPTION (Density/consistency, color, GROUP NAME, max. particle size*, structure, odor, moisture, optional descriptions GEOLOGIC INTERPRETATION)
15						
	48/48	16.0				
				18.0	ML	Very stiff yellowish-brown clayey SILT, no odor, moist
20	48/48	20.0				Becomes yellowish-gray, micaceous at 21.0 ft
						Becomes yellowish-brown with mottled light yellowish-gray at 22.0 ft
						Becomes wet at 23.0 ft
				24.0	SM	Loose yellowish-brown silty fine SAND, no odor, saturated, micaceous
25	24/24	25.0		25.0		BOTTOM OF EXPLORATION 25.0 FT

Notes:
-Groundwater encountered at 24.0 ft bgs during drilling
-Groundwater sample collected between 20.0 and 25.0 ft bgs.

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APPENDIX B

Groundwater Protection Levels

TABLE 10

GROUNDWATER PROTECTION LEVELS
FORMER SOUTH CAMPUS, NORTH OF EXCHANGE PARCEL
CHULA VISTA, CA

Groundwater Protection Level (GPL)	
Chemical	**All Areas**
VOCs	**(µg/kg)**
1,1,1-Trichloroethane	1,700
1,1,2-Trichloroethane	40
1,1-Dichloroethane	560
1,1-Dichloroethene	71
1,2-Dichlorobenzene	28,000
1,2-Dichloroethane	2.8
1,4-Dichlorobenzene	230
Benzene	19
Chlorobenzene	2,000
cis-1,2-Dichloroethene	4,900
Ethylbenzene	7,700
Methylene chloride	19
Tetrachloroethene	2,100
Toluene	440
trans-1,2-Dichloroethene	170
Trichloroethene	27,000
Trifluorotrichloroethane (Freon 113)	6,400
Vinyl chloride	13,000
Xylenes	6,000
SVOCs	**(mg/kg)**
Benzo(a)pyrene	14
bis(2-Ethylhexyl)phthalate	57
PCBs (Total Aroclors) [e]	130
PETROLEUM MIXTURES	**(mg/kg)**
Gasoline (C6-C8)	2,900
Diesel (C9-C16)	5,400
Oil (C17-C32)	7,300
INORGANICS	**(mg/kg)**
Antimony	7.84
Arsenic	24.3
Barium	43,000
Cadmium	970
Chromium	660
Chromium VI (Hexavalent)	30
Copper	5,600
Lead	232
Mercury	2.1
Nickel	3,400

NOTES:

ug/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
VOC = volatile organic compound
SVOC = semi-volatile organic compound
PCB = polychlorinated biphenyls

Raytheon Technologies
EH&S Department
9 Farm Springs Road
Farmington, CT 06032

October 5, 2021

Mr. David Gibson, Executive Officer
San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

Notice of Change of Owner
Rohr, Inc., Chula Vista, CA Facility
Cleanup and Abatement Order No. R9-2021-0042

Dear Mr. Gibson:

By this correspondence, Raytheon Technologies Corporation on behalf of Rohr, Inc. (Rohr) is providing the San Diego Regional Water Quality Control Board (SDRWQCB) written notification that Rohr Inc. sold the portion of Parcel A occupied by Buildings 29, 99 and 100 to PSIP Wohl Bay Boulevard LLC, a Delaware limited liability company on September 25, 2020. In accordance with Section M(2) of Cleanup and Abatement Order No. R9-2021-0042 (CAO) Rohr is also providing notification that the portion of Parcel A at 360, 364 and 368 Bay Boulevard was also purchased by PSIP Bay Boulevard LLC. The sale closed on September 28, 2021. The properties sold are shown on Figure 2 of the CAO.

Please do not hesitate to contact me at 207-865-1022 or Bob Scott of Haley & Aldrich at 619-285-7141 if you have any questions or require further information.

Regards,

John L. Baron, CHMM, LEED AP
Senior Manager
Raytheon Technologies Corporation Environmental Remediation Group

Cc: Tom Alo, SDRWQCB
Emil J. Wohl, Wohl Property Group
William S. Waller, Esq., Pillsbury Law
Bob Scott, Haley & Aldrich
Kristen Sherman, Raytheon
John Erickson, Rohr, Inc.
Tyler Adkins, Rohr, Inc.

DocuSign Envelope ID: 76F19677-C789-45C5-8BE5-36686A955CB4

Aerostructures

Collins Aerospace
850 Lagoon Drive
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+1 619 691 6425 Fax: +1 619 691 2222
Roberto.Valenzuela@collins.com
www.collinsaerospace.com

Roberto Valenzuela
Sr. Director, Operations

Collins Aerospace
A United Technologies Company

July 8, 2022

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108-2700

Attention: Mr. Tom Alo

Subject: Update to the Revised Human Health Risk Assessment
Rohr, Inc. – North Campus, Parcel A
850 Lagoon Drive
Chula Vista, California
SDRWQCB Reference: T0000011095:talo

Dear Mr. Alo:

Please find enclosed for your review, a copy of the subject document dated July 8, 2022 that was prepared by Haley & Aldrich, Inc. for Rohr, Inc., a Collins Aerospace Company (Rohr) for Parcel A at the site. This document is being submitted in response to Directive C.3 of Cleanup and Abatement Order No. R9-2021-0042, issued to Rohr on July 12, 2021 by the San Diego Regional Water Quality Control Board.

"I certify under penalty of law this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

If you have any questions, please contact Tyler Adkins at (619) 691-2020.

Sincerely,

DocuSigned by:
Roberto Valenzuela
A7921F6A0E624CF...

Roberto Valenzuela
Sr. Director, Operations

HALEY ALDRICH

www.haleyaldrich.com

UPDATE TO THE REVISED BASELINE HUMAN HEALTH RISK ASSESSMENT ROHR, INC. - NORTH CAMPUS, PARCEL A CHULA VISTA, CALIFORNIA

by
Haley & Aldrich, Inc.
San Diego, California

for
Rohr, Inc., a Collins Aerospace Company
Chula Vista, California

File No. 127827-019
July 2022

Haley & Aldrich, Inc.
5333 Mission Center Road
Suite 300
San Diego, CA 92108
619.280.9210

July 8, 2022
File No. 127827-046

San Diego Regional Water Quality Control Board
2375 Northside Drive, Suite 100
San Diego, California 92108

Attention: Mr. Tom Alo

Subject: Update to the Revised Baseline Human Health Risk Assessment
Rohr, Inc. - North Campus, Parcel A
850 Lagoon Drive
Chula Vista, California
GeoTracker Global ID T0000011095

Dear Mr. Alo:

Haley & Aldrich, Inc., is pleased to provide the San Diego Regional Water Quality Control Board (SDRWQCB) this Update to the Revised Baseline Human Health Risk Assessment (HHRA) for Parcel A of the Rohr, Inc., a Collins Aerospace Company North Campus facility located in Chula Vista, California. This HHRA was prepared to meet the requirements of Directive C.3 in the Cleanup and Abatement Order (CAO) No. R9-2021-0042 dated July 12, 2021.

The Revised Baseline Human Health Risk Assessment dated May 4, 2021, was prepared in response to comments provided by the Office of Environmental Health Hazard Assessment (OEHHA) in a memorandum to the SDRWQCB dated March 8, 2021, and following further discussion and clarification during a conference call on March 18, 2021. OEHHA concurred with the findings of the Revised Baseline HHRA in a June 30, 2021, letter.

This HHRA has been updated to add the soil and soil vapor data collected as part of the data gap assessment conducted in March 2022. Please note that data for the parcel at 350 Bay Boulevard was removed, since Rohr did not sell it to the new owner of Parcel A. Please contact us if you have questions or require additional information.

Sincerely yours,
HALEY & ALDRICH, INC.

Robert K. Scott, PG, CHg, QISP
Senior Associate Hydrogeologist

Anita Broughton, CIH
Principal

Enclosures

G:\127827_North Campus\019_Parcel A HHRA and Soil RAP\Deliverables\HHRA\2022_07_Submittal\2022_0708_Parcel A_HHRA_F.docx

Haley & Aldrich, Inc.
5333 Mission Center Road
Suite 300
San Diego, CA 92108
619.280.9210

SIGNATURE PAGE FOR

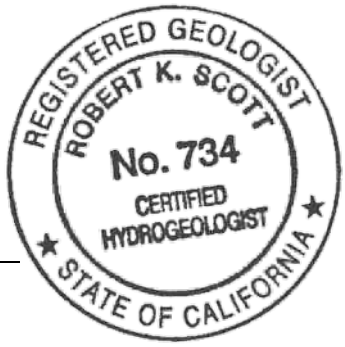
UPDATE TO THE REVISED BASELINE HUMAN HEALTH RISK ASSESSMENT
ROHR, INC. – NORTH CAMPUS, PARCEL A
850 LAGOON DRIVE
CHULA VISTA, CALIFORNIA

PREPARED FOR
ROHR, INC., A COLLINS AEROSPACE COMPANY
CHULA VISTA, CALIFORNIA

PREPARED BY:

Mathew T. Raithel
Senior Technical Specialist
Haley & Aldrich, Inc.

REVIEWED AND APPROVED BY:



Robert K. Scott, PG, CHg, QISP
Senior Associate Hydrogeologist
Haley & Aldrich, Inc.

Anita Broughton, CIH
Principal
Haley & Aldrich, Inc.

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List of Acronyms and Abbreviations

µg/kg	micrograms per kilogram
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter
95% UCL	95% upper confidence level
ADI	average daily intake
Adrian Brown	Adrian Brown Consultants
APN	Assessor Parcel Number
bgs	below ground surface
CAO	Cleanup and Abatement Order No. 98-08
cis-1,2-DCE	cis-1,2-dichloroethene
cm^2/s	square centimeter per second
cm^3/g	cubic centimeter per gram
COPCs	chemicals of potential concern
CSM	Conceptual Site Model
DEH	San Diego Department of Environmental Health
DTSC	California Department of Toxic Substances Control
DTSC-SL	California Department of Toxic Substances Control Screening Level
EC	exposure concentration
EPA	U.S. Environmental Protection Agency
EPC	exposure point concentration
HBRG	heath-based remediation goal
HHRA Update	revised April 20, 2018, "Human Health Risk Assessment Update"
g/cm^3	grams per cubic centimeter
GPL	groundwater protection level
GSI	GSI Environmental, Inc.
Haley & Aldrich	Haley & Aldrich, Inc.
HERO Note 4	"Human Health Risk Assessment (HHRA) Note 4, Human and Ecological Risk Office (HERO) Guidance for Screening Level Human Health Risk Assessments"
HHRA	Human Health Risk Assessment
HI	hazard index
HQs	hazard quotients

List of Acronyms and Abbreviations
(continued)

ILCRs	incremental lifetime cancer risks
IURF	inhalation unit risk factor
J&E Model	Johnson & Ettinger Model
LADI	lifetime average daily intake
LOAEL	lowest-observed-adverse-effect-level
MCL	State of California Maximum Contaminant Level
m^3/kg	meter cubed per kilogram
mg/kg	milligrams per kilogram
mg/kg-day	milligrams of chemical per kilogram of body weight per day
mg/L	milligrams per liter
mg/m^3	milligram per cubic meter
NFA	No Further Action
ng/kg	nanograms per kilogram
NOAEL	no-observed-adverse-effect-level
OCPs	organochlorine pesticides
OEHHA	California Office of Health Hazard Assessment
Owner	PSIP Wohl Bay Boulevard LLC
PAHs	polycyclic aromatic hydrocarbons
Partner	Partner Engineering and Science, Inc.
PCBs	polychlorinated biphenyls
PCE	tetrachloroethene
PEA Manual	"Preliminary Endangerment Assessment Guidance Manual (A guidance for evaluating hazardous substance release sites)"
PEF	particulate emission factor
Phase I	Phase I Environmental Site Assessment
Phase II	Phase II Environmental Site Assessment
RfCs	reference concentrations
RfDs	reference doses
RME	reasonable maximum exposure
RMP	Risk Management Plan
Rohr	Rohr, Inc., a Collins Aerospace Company

List of Acronyms and Abbreviations
(continued)

SDRWQCB	San Diego Regional Water Quality Control Board
SFs	slope factors
Site	Parcel A on the North Campus property in Chula Vista, California
SSDS	sub-slab depressurization system
STLC	Soluble Threshold Limit Concentration
SVOCs	semi-volatile organic compounds
TCE	trichloroethene
the City	the City of Chula Vista
TPH	total petroleum hydrocarbons
TRPH	total recoverable petroleum hydrocarbon
TTLC	Total Threshold Limit Concentration
URFs	unit risk factors
URS	URS Corporation
URSGWC	URS Greiner Woodward-Clyde
UST	underground storage tank
VF	volatilization factor
VOCs	volatile organic compounds
Work Plan	Data Gap Investigation Work Plan
WCC	Woodward-Clyde Consultants

1. Introduction

Haley & Aldrich, Inc., (Haley & Aldrich) prepared this Update to the Revised Baseline Human Health Risk Assessment report (HHRA) on behalf of Rohr, Inc., a Collins Aerospace Company, (Rohr) for Parcel A on the North Campus property in Chula Vista, California (Site). Parcel A comprises Buildings 29, 99, and 100 and Parcel A is bound by Bay Boulevard on the east, a railroad right-of way on the west, H Street on the South, and vacant properties owned by Rohr to the north (Figures 1 and 2). This HHRA was prepared in accordance with, and to meet the requirements of Directive C.3 in the Cleanup and Abatement Order (CAO) No. R9-2021-0042 dated July 12, 2021. The Revised Baseline Human Health Risk Assessment dated May 4, 2021, was prepared in response to comments provided by the Office of Environmental Health Hazard Assessment (OEHHA) in a memorandum to the San Diego Regional Water Quality Control Board (SDRWQCB) dated March 8, 2021, and following further discussion and clarification during a conference call on March 18, 2021. OEHHA concurred with the findings of the Revised Baseline Human Health Risk Assessment in a letter dated June 30, 2021. This HHRA has been updated with soil and soil vapor data collected as part of the data gap assessment conducted in March 2022. This HHRA does not include the vacant lot at 350 Bay Boulevard, since the new owner of Parcel A has not purchased this parcel from Rohr.

Rohr is in the process of selling portions of its facility that occupied approximately 82 acres. The Site has been divided into three parts: Parcels A, B, and C. In September 2020, Rohr sold Parcel A that includes Buildings 29, 99, and 100 (assessor parcel number [APN] 567-022-30 and the eastern portion of APN 571-330-29) to PSIP Wohl Bay Boulevard LLC (Owner). The Owner has also purchased the vacant parcels at 360, 364, and 368 Bay Boulevard (APNs 567-022-28, 567-022-31, and 567-022-33). These parcels, formerly included in Parcel C, are also included in this Update to the Revised HHRA. With these added parcels, Parcel A occupies approximately 14.7 acres.

The Owner intends to raze the northern portion of Building 29 to build a loading dock and may raze Buildings 99 and 100 to redevelop this parcel and the adjoining vacant properties to the north for surface parking. This Update to the Revised HHRA considers two scenarios, one with Buildings 99 and 100 remaining in place and the other assuming these buildings have been demolished. Buildings may be constructed in the future at undetermined locations on that portion of Parcel A.

1.1 SITE LOCATION

The Site consists of two APNs that are part of Rohr's manufacturing facility, including APN 567-022-30-00 and the eastern portion of APN 571-330-29-00, as well as three APNs that were not part of Rohr manufacturing facility that include APNs 567-022-28-00, 567-022-31-00, and 567-022-33-00. The following table summarizes the APNs, historical street addresses, and names that have been used for these properties.

APN	Address	Property Name/Building
567-022-28	360 Bay Boulevard	B & H Metal Co. (1956-1964) A & R Used Auto Parts (1964-1985)
567-022-31	364 Bay Boulevard	So. Bay Veterinary Hospital (1956-1964) Post Aircraft Co./For Mac Co., aircraft parts rear (1960-1964)

APN	Address	Property Name/Building
567-022-33	368, 368½ Bay Boulevard	Mansell Marine Inc./So. Bay Marine & Boat (1956-1964) San Diego Pump & Compressor (1964-1985) Residential (1976-1985)
567-022-30	390 Bay Boulevard	Valley Detroit Diesel/Buildings 99 and 100
571-330-29*	850 Lagoon Drive	Building 29

Note: * Portion of the APN east of the railroad right-of-way

1.2 SITE DESCRIPTION AND HISTORY

APN 567-022-30-00 and the eastern portion of APN 571-330-29-00 are part of Rohr's manufacturing facility that is primarily located west of the Site and has occupied the Chula Vista Bayfront since 1941 (Adrian Brown Consultants [Adrian Brown], 1998; URS Corporation [URS], 2013). The parcels at 360, 364, and 368 Bay Boulevard (APNs 567-022-28, 567-022-31 and 567-022-33) were not part of Rohr's manufacturing facility. Rohr primarily manufactured structural and engine components for aircraft (nacelles). The facility's Standard Industrial Classification Code is 3728. The Site is divided by G Street; the areas north and south of G Street are therefore described separately.

1.2.1 Building 99 and Building 100 Area (North of G Street)

For the purpose of this Revised HHRA, the Building 99 and 100 Area includes the following properties north of G Street: Buildings 99 and 100 (APN 567-022-30) and three vacant properties to the north at 360, 364, and 368 Bay Boulevard (APNs 567-022-28, 567-022-31, and 567-022-33). Rohr will retain the properties at 798 F Street and 340 and 350 Bay Boulevard. These four Rohr parcels (APNs 567-022-01, 567-022-17, 567-022-36, and 567-022-35) remain part of Parcel C.

The property between Lagoon Drive (formerly F Street) and G Street, which includes the Building 99 and 100 Area, was developed agriculturally as a citrus grove from as early as 1929 through at least 1945 and continued to be used for row crop cultivation until at least 1953. By 1957, the Building 99 and 100 property was a parking lot and a trailer park with two possible residences. Harbor Trailer Park (388 Bay Boulevard) was located on this property from 1956 through 1976 (Haley & Aldrich, 2016a), at which time Buildings 99 and 100 were constructed on the property. Valley Detroit Diesel repaired semi-truck engines at this location starting in 1978. Rohr purchased Buildings 99 and 100 in 1986 from Valley Detroit Diesel. Rohr used the buildings primarily for administrative purposes (URS, 2013; Haley & Aldrich, 2016a). Test laboratories were housed in Building 100 until last year.

After 1953, the properties at 360, 364, and 368 Bay Boulevard were developed with mixed commercial/industrial and residential use. Businesses that occupied these parcels included aircraft parts manufacturing, refrigeration unit repair, storage, junkyards, and a veterinary hospital (Haley & Aldrich, 2016b). 360 Bay Boulevard was formerly used for auto maintenance and repair, auto dismantling, and salvaging that included a gold ore extraction/recovery operation. By the mid-1980s, the properties were acquired by the City of Chula Vista (City) and business operations ceased. Rohr has never used or conducted any operations on the three vacant Bay Boulevard properties (360, 364, and 368).

1.2.2 Building 29 Area (South of G Street)

Building 29 was constructed in phases beginning in about 1957 through 1962 (URS, 2013; Haley & Aldrich, 2016a). The building was primarily used for tooling and machining and office space for most of its history. At one time, the northernmost portion served as the Maintenance Department for the facility. Most recently, the building housed laboratories, kitting, an Aftermarket Spares Warehouse, Service Center and FAI repairs, storage, tool calibration, product development, and office space.

Prior to Rohr's ownership, the Building 29 area had a variety of other historical uses, including agriculture, a possible lumber yard, and residential. A former building (Building 28) was also built on the southern portion of Parcel A in the mid-1940s and served as a cafeteria and a warehouse. The building was located south of Building 29 and was demolished around 2000. The area is now occupied by a parking lot.

1.3 SITE FUTURE USE

Rohr sold the Building 99/100 and Building 29 portions of Parcel A to the Owner in September 2020. The Owner purchased three adjoining vacant Bay Boulevard parcels in 2021. The Owner will be demolishing the northern portion of Building 29 to construct a loading dock to improve truck access. Up to approximately 5 feet of soil will be excavated to construct the loading dock. The remainder of Building 29 will be used by the Owner for commercial/industrial purposes. The Owner is also contemplating demolishing Buildings 99 and 100 and redeveloping this portion of the Site as well as the three adjoining vacant parcels to the north for surface parking. However, it is possible the buildings will be used for commercial/industrial use.

1.4 HHRA ORGANIZATION

The HHRA report sections are as follows:

- Section 1 – Introduction: provides a description of the Site location and general conditions;
- Section 2 – Site Geology and Hydrogeology: provides an overview of the characteristics of the regional and local geology and hydrogeology;
- Section 3 – Previous Investigations: provides a summary of the previous Site assessments and investigations conducted by various environmental consultants;
- Section 4 – Human Health Risk Assessment: presents a summary of the methodology and the results and uncertainties associated with the HHRA; and
- Section 5 – Health-based Remediation Goals: includes the methodology used to derive health protective remedial goals for the Site.

2. Site Geology and Hydrogeology

This section summarizes the geology and hydrogeology that appears in the "Revised Conceptual Site Model, Rohr, Inc. – North Campus, Parcel A" (Parcel A CSM) submitted to the SDRWQCB on April 30, 2021, (Haley & Aldrich, 2021) and the "Revised Updated Sitewide Conceptual Site Model, Rohr, Inc. – North Campus" submitted to the SDRWQCB on February 25, 2022 (Haley & Aldrich, 2022b).

2.1 SITE GEOLOGY

Parcel A is situated at elevations ranging from approximately 13 feet above mean sea level on the south and 28 feet above mean sea level on the north. Parcel A is underlain, in descending order, by limited fill material, the Bay Point Formation, a clay aquitard, and the San Diego Formation. Because Parcel A is more than 1,000 feet upland of the former shoreline, there are no bay muds or extensive fill present on this portion of the North Campus facility. Geologic cross sections A-A' (north-south) and B-B' (east-west in the Former Maintenance Department) are provided as Figures 3 and 4.

2.1.1 Artificial Fill

Artificial fill generally consisting of yellow to brown, silty fine to medium sand with degraded asphalt and sub-angular fine gravel were observed during the Phase II Environmental Site Assessment (Phase II) and the data gap assessment (Haley & Aldrich, 2018a and 2020a). The maximum thickness of fill encountered was approximately 5 feet, in boring B29-33A.

2.1.2 Bay Point Formation

The Bay Point Formation can also be referred to as Quaternary alluvium, as suggested by Wes Danskin formerly with the United States Geological Survey (W. Danskin, pers. comm.). The thickness of the Quaternary sediment can be highly variable in the San Diego embayment, ranging from approximately 200 feet to possibly as much as 700 feet. The Bay Point is Pleistocene in age and was deposited in nearshore marine and onshore fluvial depositional environments.

The Bay Point Formation consists of an interbedded sequence of clay, silt, and silty sand to the total depth explored (approximately 30 feet). The strata are predominantly composed of reddish brown to yellowish brown clay and silt with some thin, discontinuous lenses of silty sand. The coarser-grained lenses are typically saturated below a depth of approximately 12 feet below ground surface (bgs).

2.1.3 Clay Aquitard

A blue-gray estuarine clay, designated as a "clay aquitard" occurs below the sandy interval at about 125 to 150 feet bgs (Huntley, 2000). The clay aquitard was identified during URS Greiner Woodward-Clyde's(URSGWC) San Diego Formation aquifer testing program (URSGWC, 1999). The clay aquitard varies in thickness from 20 feet to almost 40 feet. A blue-gray clay layer has also been encountered beneath the North Campus at a depth of approximately 125 to 150 feet bgs with a thickness of 20 to 65 feet. Although the aquitard materials encountered may differ in color at various locations throughout the North Campus and Former South Campus, the materials are characterized as clay with a low hydraulic conductivity.

2.1.4 San Diego Formation

There is a 20-foot-plus thick interval of coarse sands, gravels, and cobbles beneath the clay aquitard that is attributed to the San Diego Formation (Huntley, 2000). These strata were investigated during a drilling and aquifer testing program that Rohr conducted in 1998 and 1999 on behalf of the Sweetwater Authority to characterize the hydrogeology beneath the North Campus (URSGWC, 1999). These coarser-grained sediments were referred to as the Upper Gravel Unit in the URSGWC study and, based on geophysical logs and borehole flowmeter logging, Huntley suggested that the Upper Gravel Unit is the most productive zone investigated during this study (Huntley, 2000). The Upper Gravel Unit is underlain by a series of discontinuous lenses of fine to medium sands, silty sands, clayey sands, and silts and clays to a depth of at least 400 feet bgs (Huntley, 2000).

The San Diego Formation consists of two portions: the upper and lower members. The upper member of the San Diego Formation is present on the land surface in the vicinity of downtown San Diego and Chollas Creek but does not seem to be present or exposed in the South Bay, where the Site is located. The upper member was deposited in a higher energy environment, closer to the continent; the lower member was deposited in a lower energy environment, typical of a deeper marine environment. The thickest section of the San Diego Formation is located adjacent to the southeastern edge of San Diego Bay, south of the Site.

The age of the San Diego Formation is less well defined but considered to be of the Plio-Pleistocene age. Like the Quaternary sediment, the San Diego Formation was deposited in nearshore marine and onshore fluvial depositional environments. The contact with the overlying Quaternary alluvium is erosional and very difficult to distinguish in the subsurface and in geophysical logs. The term “San Diego Formation” has historically been used quite liberally, and in some instances, probably inaccurately. For example, marine mollusks present in the clay aquitard during URSGWC’s study were found to be Pleistocene age and part of the Quaternary sediments (Bay Point Formation).

Recent work by the United States Geological Survey indicates that San Diego Formation groundwater near the Sweetwater and Otay Rivers is isotopically enriched, reflecting the process of seawater intrusion (Anders et al, 2013). Furthermore, chloride concentrations decline within the saline section of the San Diego Formation at depths of about 500 to 820 feet bgs, indicating that the greatest quantity of regional groundwater recharge (originating in higher elevations to the east) may flow through the coastal aquifer at these depths.

2.2 SITE HYDROGEOLOGY

Because this HHRA focuses on soil and soil vapor on Parcel A, the discussion of Site hydrogeology is limited to depth and flow direction in the uppermost water-bearing zone (Zone A). Groundwater is present in the Bay Point Formation ranging in depth from approximately 10 to 20 feet bgs, based on observations during drilling and water levels in the wells that are north of Building 99. Boring logs for the direct-push borings and the monitoring wells are provided in the Revised Parcel A CSM. The locations of the borings and the existing and former monitoring wells are shown on Figure 5. The thickness of the vadose zone on Parcel A ranges from approximately 10 to 20 feet based on this information. The direction of groundwater flow is generally to the west. Wells present on Parcel A include the remaining wells installed for the San Diego Formation aquifer testing program that serve as upgradient wells (URSGWC, 1999). The two monitoring wells are north of Building 99. OW-3 is screened in Upper Zone B at 10 to 30 feet bgs, and OW-4 is screened in Lower Zone B at 60 to 80 feet bgs. A well cluster consisting of two wells (NCW-021A and NCW-021B) was installed during the Parcel A data gap investigation. The wells were recently sampled, and the analytical results will be included in AECOM’s next annual groundwater monitoring report.

3. Previous Investigations

Previous investigations at the Site that have included soil, soil vapor, and groundwater sampling are summarized in this section. Tables summarizing the analytical results for soil, sub-slab and deeper soil vapor, and groundwater samples are provided in Appendix A. Sample locations and historical environmental site features are shown on Figures 5 and 6, respectively.

3.1 FUEL UNDERGROUND STORAGE TANKS CLOSURES

In 1986, four fuel underground storage tanks (USTs) in the Building 99 and 100 Area were removed and closed under permit with the San Diego Department of Environmental Health (DEH). McLaren Environmental Engineering conducted a subsurface investigation prior to Rohr's purchase of the property formerly occupied by Valley Detroit Diesel. Four groundwater monitoring wells (MW-A through MW-D) were installed on the perimeter of the Building 99 and 100 Area. Total recoverable petroleum hydrocarbon (TRPH) and volatile organic compound (VOC) concentrations in soil and groundwater were relatively low or not detected (Woodward-Clyde, 1998). In June 1996, the DEH provided Rohr with approval to destroy the wells.

3.2 350-360 BAY BOULEVARD SITE ASSESSMENT

The following summary is based primarily on information appearing in the "Data Compilation and Evaluation Report" prepared by Woodward-Clyde Consultants in 1998 ([WCC], 1998) and limited information in the DEH electronic library database. In October 1987, WCC conducted soil excavation, disposal, sampling, and analysis for the City related to petroleum hydrocarbons. Soil with petroleum hydrocarbon concentrations greater than 1,000 milligrams per kilogram ([mg/kg]; 85 cubic yards) was excavated and properly disposed of off-Site. Lead (greater than 200 mg/kg) was detected in surface soil at 350 Bay Boulevard, around the area believed to have been formerly used for gold ore extraction. A sample contained Soluble Threshold Limit Concentration (STLC) lead at a concentration of 20 milligrams per liter (mg/L), which was above the regulatory limit of 5 mg/L.

In 1988, when Rohr obtained an option to purchase these parcels, WCC collected 25 surface soil samples at random locations and installed and sampled three groundwater monitoring wells (MW-1B, -2B and MW-3B). Soil lead concentrations ranged from 75.2 to 16,400 mg/kg and STLC lead concentrations ranged from 1.0 to 538 mg/L. The lead concentration in groundwater in well MW-1B was below the Maximum Contaminant Level (MCL) of 0.050 mg/L. Trichloroethene (TCE) was also detected in well MW-2B at 14 micrograms per liter (µg/L).

In 1991, TorStan destroyed well MW-3B and characterized surface soil on the property for the City. Soil samples were analyzed for total and STLC lead (44 samples), organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), and dioxin and furans. Total lead concentrations in the samples analyzed ranged from 13.3 to 3,490 mg/kg. Three samples contained lead above the Total Threshold Limit Concentration (TTLC) of 1,000 mg/kg. STLC lead ranged from not detected (<0.275 mg/L) to 84.6 mg/L, and 24 samples contained STLC lead above the regulatory limit of 5 mg/L. The upper 80 percent confidence interval concentrations for TTLC and STLC lead were 399 mg/kg and 12.0 mg/L, respectively. OCPs were detected in the 12 samples analyzed and included DDE and DDT at concentrations ranging from approximately 0.0075 to 0.0361 mg/kg, below the TTLC regulatory limit of 1.0 mg/kg for each compound. PCBs (as Aroclor 1254) were also present in 10 of the 12 soil samples at concentrations ranging from 0.063 to 2.585 mg/kg.

Four additional soil samples were analyzed for PCBs, and dioxin and furans. Two of the samples contained PCBs (Aroclor 1254 and 1260) at concentrations of 0.055 and 7.438 mg/kg. Dioxins and furans were detected in two of the four samples analyzed. Compounds detected included hexa, hepta and octa isomers; concentrations ranged from 3.2 to 1883.7 nanograms per kilogram (ng/kg). TorStan concluded that the concentrations of the isomers detected were below the TTLC for tetradioxins (10,000 ng/kg). Soil containing PCBs was excavated and properly disposed of off-Site under DEH oversight.

TorStan conducted quarterly groundwater monitoring of wells MW-1B and MW- 2B in 1991 and 1992. No OCPs were detected in groundwater samples when analyzed during the first quarter 1991. TCE concentrations in well MW-2B were above the MCL of 5 µg/L during each monitoring event. According to DEH records, MW-2B was destroyed, but MW-1B could not be located. It is unclear if this well remains on the property.

In February 2001, the lead-containing soil was excavated across the property to a depth of 2 feet and 800 cubic yards of lead-containing soil was removed and consolidated with burn ash from the Shinohara Burn Site on Otay Valley Road. The materials were used as part of the foundation of the cap for the former Otay Class I Landfill operated by San Diego County. This landfill was permitted to accept hazardous waste. Confirmation soil samples were collected from the perimeter and the floor of the excavation at random locations. The mean total lead concentration of the confirmation samples was 54 mg/kg, and the upper 95% confidence interval was 71 mg/kg. A No Further Action (NFA) letter was provided to the City by the DEH Voluntary Assistance Program on September 17, 2001.

3.3 1998 PHASE I ENVIRONMENTAL SITE ASSESSMENT

Adrian Brown was retained to conduct a Phase I of the Rohr facility in 1998 (Adrian Brown, 1998) in compliance with the 1998 CAO issued by the SDRWQCB. In this Phase I, Adrian Brown identified possible Site environmental features potentially containing hazardous substances and petroleum products such as process lines, sewers, sumps, drains, storm sewers, tanks, storage vessels, equipment vaults, degreasers, waste treatment storage areas, and chemical use areas. The historical environmental features identified by Adrian Brown are included on Figure 6.

3.4 SAN DIEGO FORMATION AQUIFER TESTING

In 1998 and 1999, URSGWC conducted a drilling program to assess subsurface geology and hydrogeology of the San Diego Formation at the Rohr Site (URSGWC, 1999). These data were collected to support the redesignation of the groundwater basin uses from beneficial to non-beneficial for the area west of Interstate 5. The drilling program identified subsurface geology to a depth of approximately 550 feet and evaluated the vertical hydraulic connection between shallow groundwater and a deeper, coarse-grained gravel zone identified at 180 to 200 feet bgs by conducting aquifer testing. In addition to the five wells installed (DB-2, DB-4, DB-5, OW-3, and OW-4), two pressure transducers (OW-1 and OW-2) were installed in separate grouted boreholes to monitor changes in pressure within the aquitard during aquifer testing. Three wells (DB-2, DB-4 and DB-5) and the two transducers (OW-1 and OW-2) were destroyed under permit with the DEH in late 2020. Wells OW-3 and OW-4, screened in Upper Zone B and Lower Zone B, respectively, remain for monitoring purposes. Groundwater use remains beneficial west of Interstate 5.

3.5 BLANCHARD GRINDER UNDERGROUND STORAGE TANK CLOSURE

The former Blanchard Grinder UST (Rohr Tank No.3-09598) was in the tooling area in the southern portion of Building 29. The machine sat on a metal plate above a concrete sump that served as a reservoir for coolant that was used to circulate through the unit while operating. URSGWC drilled soil borings in 1999 adjacent to the structure and analyzed the samples for TRPH. None were detected. Based on the results, the DEH approved in place closure of this former sump.

3.6 2013 URS SUPPLEMENTAL REMEDIAL INVESTIGATION

URS conducted a Site investigation as part of environmental due diligence associated with United Technologies Corporation's purchase of Goodrich Corporation (URS, 2015). The results of the investigations were compared to industrial/commercial screening criteria consistent with the Site's commercial/industrial use. One boring was drilled in the vicinity of the former Blanchard Grinder (boring UT-22) to collect soil and groundwater samples for VOC analysis, since the feature formerly used coolant. No VOCs were detected in soil samples from boring UT-22. The reported groundwater TCE concentration was 42 µg/L.

No VOCs or PCBs were detected in soil samples from the other borings drilled on the Building 29 portion of Parcel A. Polycyclic aromatic hydrocarbons (PAHs) were present in boring UT-18 in the railroad right-of-way drainage swale. The PAHs were detected in the drainage swale east of the railroad tracks in surface soil samples collected from 0.5 to 1 foot bgs; however, this is not part of the Site.

TCE was reported in groundwater in borings UT-22, UT-23, and UT-24 at concentrations of 42, 520 and 4.7 µg/L, respectively. No PCBs or PAHs were detected in groundwater at concentrations greater than a State of California MCL, except for boring UT-18, located in the drainage swale adjacent to the railroad line in the Building 29 area that is not part of the Site. Total petroleum hydrocarbons (TPH) were detected in borings UT-19 and UT-21 at concentrations of 860 and 1,300 µg/L, respectively. No Title 22 Metals (except for thallium) or hexavalent chromium were detected in groundwater above their respective MCLs on the Building 29 portion of Parcel A.

3.7 2016 HALEY & ALDRICH PHASE I AND IIs

Following completion of Phase I Environmental Site Assessments (Phase I), Haley & Aldrich conducted supplemental Phase II) in 2016 to investigate soil and groundwater on the Building 99 and 100 and Building 29 Areas (Haley & Aldrich, 2018a) and the vacant Bay Boulevard properties that were described as Parcel A [Haley & Aldrich, 2018b]). The locations of the borings advanced during the Phase IIs are shown on Figure 5. A summary of the findings for each of the Phase IIs conducted by Haley & Aldrich are described below.

3.7.1 Buildings 29, 99, and 100

Haley & Aldrich advanced 25 soil borings and analyzed samples for the following chemicals of potential concern (COPCs): TPH, VOCs, semi-volatile organic compounds (SVOCs [phenols and polynuclear aromatic hydrocarbons]), OCPs, PCBs, and Title 22 Metals. None of the soil samples analyzed for TPH, VOCs, SVOCs, or OCPs contained an analyte at a concentration above its respective commercial/industrial Department of Toxic Substances Control (DTSC) screening level (DTSC-SL) except for one sample (B29-05-02) collected at 2 feet bgs that contained the PCB Aroclor 1260 (1,300 micrograms per kilogram [µg/kg]) above its commercial/industrial DTSC-SL of 580 µg/kg. None of the samples contained any COPCs at a concentration above its groundwater protection level (GPL) or TTLC.

Arsenic was reported in soil at three locations (B29-02, B29-03, and B29-07) on the northern portion of the Building 29 Area at concentrations greater than the Site-specific background threshold of 8 mg/kg (established for the Former South Campus), but below the Site-specific GPL of 24.3 mg/kg. None of the other Title 22 Metals were present in soil at concentrations exceeding screening criteria described in Section 4. No environmental concerns were identified in soil or groundwater in the Building 99 and 100 Area.

3.7.2 Vacant Bay Boulevard Properties

Haley & Aldrich advanced 27 soil borings and analyzed 49 soil and nine groundwater samples for COPCs. Of the borings advanced and samples analyzed, there were 11 borings advanced, and 22 samples analyzed specific to 350, 360, 364, and 368 Bay Boulevard. COPCs included TPH, VOCs, PAHs, OCPs, and Title 22 Metals. None of the soil samples analyzed was reported to exceed a GPL, commercial/industrial DTSC-SL, or TTLC for the COPCs identified. One sample collected from BB-23 was reported to contain DDE at its TTLC of 1 mg/kg. Two in-situ groundwater samples from BB-17 and BB-23 were reported to contain arsenic slightly above the MCL of 0.010 mg/L (0.0149 and 0.0122 mg/L, respectively). The presence of low levels of arsenic in groundwater is likely naturally occurring and attributed to background.

3.8 2018 SUB-SLAB AND FOCUSED SOIL VAPOR SURVEY

In May 2018, and in preparation for the property sale, a soil vapor survey was conducted in Buildings 29, 99, and 100 in accordance with the California Environmental Protection Agency's "Advisory Active Soil Gas Investigations" dated July 2015 (Haley & Aldrich 2018c). Sub-slab sample locations were selected considering past Site use and previous subsurface VOC soil and groundwater concentrations. The soil vapor samples were analyzed by a mobile laboratory using U.S. Environmental Protection Agency (EPA) Method TO-15. The temporary vapor probe locations are shown on Figure 5.

Analytical results for sub-slab soil vapor samples are summarized in Appendix A. VOCs were identified in sub-slab soil vapor samples collected beneath the slab of Building 29 and in the deeper soil vapor samples. Samples were collected at a depth of 1 foot below the slab. TCE was detected in 10 of the 17 sub-slab soil vapor sample locations beneath Building 29 at concentrations ranging from 42 to 920,000 micrograms per cubic meter ($\mu g/m^3$). The highest TCE concentration in the sub-slab soil vapor samples was detected at probe B29-V03.

Deeper soil vapor data are summarized in Appendix A. The deeper soil vapor samples were collected at depths of 5 and 10 feet below the slab in the former Maintenance Department, since groundwater beneath this area contains VOCs. TCE was detected in each of the deeper samples collected beneath and in proximity to Building 29 except for samples from probe B29-V05. TCE concentrations ranged from 100 to 3,000,000 $\mu g/m^3$ in the 5-foot samples, with the highest concentration detected in probe B29-V03. TCE was detected in three of the four soil vapor samples collected at 10 feet (just above the level of groundwater) at lower concentrations, ranging from 64 to 3,400 $\mu g/m^3$. This suggested that TCE in soil vapor was related to a shallow soil source. Based on these findings, Haley & Aldrich recommended supplemental indoor air and potential preferential pathway screening in the building. The SDRWQCB concurred with our recommendations.

Relatively low concentrations of some VOCs were reported in soil vapor samples collected beneath Buildings 99 and 100. None of the VOC concentrations exceeded screening criteria and as such, are not considered to pose an immediate potential health concern.

3.9 2018-2019 INDOOR AIR SCREENING

In September 2018, Haley & Aldrich conducted indoor air screening in Building 29 to evaluate whether total VOCs and TCE may be present in indoor air (Haley & Aldrich 2018d). The screening was based on locations where TCE had been detected in soil, shallow groundwater, sub-slab soil vapor, and near slab penetrations that could serve as preferential subsurface vapor migration pathways. Air grab samples were screened using a photoionization detector and Hapsite gas chromatograph. It should be noted that the measurements represent a moment in time rather than a time-weighted average concentration over an 8- or 10-hour workday. The results were only used for screening purposes and to determine if interim mitigation measures were warranted prior to implementing building improvements (beyond sealing potential preferential pathways for vapor intrusion). The results of the indoor air screening indicated no immediate interim measures appeared to be required for Building 29.

TCE screening results for September 2018 are summarized in the Revised Parcel A CSM for the breathing zone and preferential pathways, respectively. The TCE screening results ranged from 0.012 µg/m^3 to 2 µg/m^3, except for two locations where 4.2 µg/m^3 and 5.5 µg/m^3 were measured in the breathing zone near utility trenches in proximity to a floor slab crack, suggesting that potential preferential pathways may be contributing to TCE screening results observed in indoor air. None of the results were greater than the EPA Region 9 Indoor Air Response Action Level of 8 µg/m^3 for TCE, also identified by DTSC as the commercial/industrial worker accelerated response action level assuming an 8-hour workday. No immediate interim measure was required in the building. However, there were several samples in the building where the TCE screening results were greater than the lower end of the health protective risk range for the 8-hour workday for a commercial/industrial worker (3 µg/m^3). This concentration is based on a 1 x 10^{-6} risk threshold assuming chronic long-term exposure.

Indoor air screening was conducted again in February 2019 at the same locations based on DTSC guidance (Haley & Aldrich, 2019). Doors and windows that are typically open were closed in February. There were six locations in the northern portion of Building 29 where TCE screening results in the breathing zone were greater than the accelerated response action level for the commercial/industrial 8-hour workday 8 µg/m^3). TCE screening results at six additional screening locations in the northern half of Building 29 were greater than the lower end of the health protective risk range for the 8-hour workday for a commercial/industrial worker (3 µg/m^3). As an immediate action, Rohr increased air circulation by keeping fans operating and doors opened. In September 2019, Haley & Aldrich sealed cracks and joints in the slab in the former Maintenance Department.

3.10 2020 DATA GAP ASSESSMENT

A data gap assessment was conducted in January 2020 to further characterize the nature and extent of VOCs in soil and groundwater and conduct some step-out sampling in areas where arsenic and PCBs had been detected above screening levels during the Phase II (Haley & Aldrich, 2018a; 2020a). Arsenic was detected in soil at concentrations slightly greater than the GPL of 24.3 mg/kg in step-out boring B29-07A (24.6 mg/kg). The other step-out samples analyzed contained arsenic concentrations less than the GPL. PCBs were not detected in soil at concentrations greater than the commercial/industrial DTSC-SLs in soil samples collected from the step-out borings for boring B29-05.

Several borings were advanced in the former Maintenance Department to identify the potential source of TCE in soil vapor and groundwater beneath this area. Soil samples B29-24-010 and B29-23-010 were collected at 1 foot bgs beneath the former Maintenance Department. The samples contained TCE at concentrations greater than the EPA Region 9 commercial/industrial Regional Screening Level (there is no DTSC-SL) of 6 mg/kg (7.83 and 37.8 mg/kg, respectively). TCE in soil sample B29-23-010 also

exceeded the GPL of 27 mg/kg. Groundwater analytical results indicated that TCE was present at up to 1,490 µg/L in boring B29-23 beneath the former Maintenance Department. It is our understanding that a relatively small degreaser, once located in this area, appears to have been the source of TCE and other VOCs detected in soil, soil vapor, and groundwater in this area. None of the soil samples contained a concentration of a COPC (as identified in Section 4 of this HHRA) above its respective TTLC.

Step-out borings were also conducted around the former mill and lathe locations. None of the COPCs in soil (as identified in Section 4 of the HHRA) were reported at concentrations above GPLs, commercial/industrial DTSC-SLs, or TTLCs.

3.11 2020 GSI PHASE II SCREENING INVESTIGATION

GSI Environmental, Inc., (GSI) conducted a Phase II screening investigation on Parcel A (excluding 350, 360, 364, and 368 Bay Boulevard) in August 2020 on behalf of the new Owner (GSI, 2020). The investigation included additional soil and soil vapor sampling and analyses.

Tetrachloroethene (PCE) was detected in PW-12 in soil at a concentration of 4.7 µg/kg at 1.5 feet bgs, and TCE was detected in PW-07 at a concentration of 23 µg/kg at 1.5 feet bgs. PCE and TCE were not detected above laboratory reporting limits in other soil samples. PCBs (Aroclor-1260) were only detected in PW-11, at a concentration of 180 µg/kg. PCBs in other samples analyzed were not detected at concentrations greater than the reporting limits. No analytes were detected in soil samples at concentrations exceeding GPLs, commercial/industrial DTSC-SLs, TTLCs, or background soil concentrations for arsenic.

Seventeen soil vapor samples (including two duplicate samples) were collected at 15 locations from depths between approximately 3 and 5 feet bgs and analyzed for VOCs. TCE was the constituent detected at the highest concentrations in both GSI and Haley & Aldrich soil vapor assessments. GSI concluded that the soil analytical results did not indicate a need for additional assessment on Parcel A, and the soil vapor results were generally consistent with the data collected by Haley & Aldrich in 2018.

The samples collected in 2020 were not co-located with the samples collected in 2018. These two sampling events represent the distribution of impacts beneath and in proximity to Building 29. Contaminant releases to the subsurface beneath Building 29 are historical, occurring decades ago; there are no ongoing contaminant releases associated with current on-Site operations at Building 29. The apparent differences in concentrations beneath portions of Building 29 may be associated with the distribution of subsurface impacts at the various identified environmental features and seasonal differences such as temperature, soil moisture and barometric pressure.

3.12 2020 PARTNER PHASE I FOR 350, 360, 364 AND 368 BAY BOULEVARD

Partner Engineering and Science, Inc. (Partner) conducted a Phase I for the property buyer in late 2020 (Partner, 2020). Partner concluded that the parcels had a recognized environmental condition, since they are part of the ongoing larger Eastern Parcels (Parcel A, Case Number T10000011095) investigation under the oversight of the SDRWQCB. It should be noted that the Eastern Parcels initially included the vacant Bay Boulevard Properties; because Rohr had decided that it would retain them. With the new Owner's plan to purchase 360, 364 and 368 Bay Boulevard, it was requested that the SDRWQCB include these parcels in Parcel A once again.

3.13 2022 DATA GAP INVESTIGATION

Haley & Aldrich submitted a Data Gap Investigation Work Plan (Work Plan) for Building 29 to the SDRWQCB on November 5, 2021, to meet Directive C.2.a of the CAO. The Work Plan was subsequently revised (Revised Work Plan) at the request of the SDRWQCB and resubmitted on January 21, 2022 (Haley & Aldrich, 2022a). Haley & Aldrich implemented the Revised Work Plan in March 2022 and submitted a report to the SDRWQCB dated June 10, 2022. The results of the data gap investigation indicated the following:

Soil: TCE exceeding the heath-based remediation goal (HBRG) in the former Maintenance Department in the northern portion of Building 29 has been delineated. None of the samples collected from the step-out borings (DGA-024, DGA-025, and DGA-026) were reported to contain TCE or other VOCs at concentrations above its respective HBRG, commercial/industrial DTSC-SL, GPL, or TTLC. Based on the data for the former Maintenance Department, the area with soil impacts is limited to depths less than 4 feet bgs. VOC concentrations beneath the central and southern portions of Building 29 were either not detected in soil, or the concentrations were relatively low, supporting that soil is not a significant VOC source contributing to those present in soil vapor.

Soil Vapor: Based on the Owner's intent to construct the new loading dock and manage TCE-containing soil by implementing a Demolition and Environmental Monitoring Plan and manage VOCs in soil vapor through installing a sub-slab depressurization system (SSDS) and implementing a Risk Management Plan (RMP), Haley & Aldrich recommended that no further soil vapor investigation be conducted at this time.

Groundwater: The VOCs in groundwater detected at the four locations sampled during the data gap investigation were relatively low, delineating groundwater impacts beneath Building 29 in the former Maintenance Department where there are TCE soil and soil vapor impacts, and the central and southwestern portion of the building where there are lesser groundwater and soil vapor impacts. Based on these and previous groundwater analytical results, groundwater off-gassing appears to contribute to the VOCs reported in soil vapor beneath the northern and southwestern portions of Building 29. The potential for future vapor intrusion risk to building occupants will be addressed by installing the SSDS and implementing the RMP previously described.

Groundwater monitoring was recently conducted in well cluster NCW-021 by AECOM in accordance with the Revised Work Plan. Analytical results for the parameters indicated in the Revised Work Plan will be included in the next annual groundwater monitoring report.

4. Human Health Risk Assessment

Potential human health risks were estimated for on-Site human receptors, assuming the Site will be used for commercial/industrial purposes. As stated earlier, the Owner will be demolishing approximately 24,000 square feet of the northern portion of Building 29 to construct a loading dock to improve truck access. Up to approximately 5 feet of soil will be excavated to construct the loading dock. The remainder of Building 29 will continue to be used for commercial/industrial use. Buildings 99 and 100 may be used for commercial/industrial purposes or may be razed and the area redeveloped for surface parking. Both scenarios have been evaluated in this HHRA.

The overall approach used in the HHRA was based on current EPA (EPA 1988; 1989; 1990; 1991a,b,c; 1992a,b,c,d; 1996; 1997; 2001; 2002a,b; 2009; 2014; 2019) and DTSC (DTSC 1993, 2011, 2015, 2019a,b, and 2020b) guidance documents.

The methodology and assumptions used in the HHRA calculations presented herein are consistent with those presented in the revised April 20, 2018, "Human Health Risk Assessment Update" (HHRA Update) prepared for the Rohr Former South Campus property adjacent south of the Site (Haley & Aldrich, 2018b). The HHRA Update was submitted to California Office of Health Hazard Assessment (OEHHA) and SDRWQCB. The methodology presented in the HHRA Update was used to obtain NFA determinations on that property in a letter dated May 4, 2022. The methodology was also used in the "H Street Extension Cleanup and Abatement Completion Report, Former South Campus" prepared by Haley & Aldrich and dated March 23, 2015 (Haley & Aldrich, 2015b) and the "Final Cleanup and Abatement Completion Report Soil Remediation, Exchange Parcel - Former South Campus Facility" prepared by Haley & Aldrich and dated February 4, 2015 (Haley & Aldrich, 2015a). On March 12, 2015, and December 15, 2015, the SDRWQCB issued letters of NFA for the Exchange Parcel and H Street vadose zone soils, respectively (SDRWQCB, 2015a and 2015b). This HHRA was conducted following similar methodology with the following exceptions. More recent default exposure parameters and toxicity values published by the EPA and DTSC were used in this HHRA. In addition, the vapor intrusion evaluation in this HHRA was conducted following the "Human Health Risk Assessment (HHRA) Note 4, Human and Ecological Risk Office (HERO) Guidance for Screening Level Human Health Risk Assessments," (HERO Note 4) prepared by the DTSC dated March 29, 2022 (DTSC, 2022).

An HHRA is conducted in four steps: 1) hazard identification; 2) exposure assessment; 3) toxicity assessment; and 4) risk characterization. A description of these steps is provided below.

- Hazard Identification includes an evaluation of the adequacy of the data to identify COPCs at the Site and identifies the COPCs and data used in the HHRA.
- Exposure Assessment includes a review of the most sensitive receptors at the Site and their possible exposure pathways (i.e., how receptors may come into contact with the COPCs at the Site). This assessment is summarized in a Conceptual Site Model (exposure pathway evaluation). The exposure assessment also includes an estimate of the chemical concentrations to which each receptor may be exposed.
- Toxicity Assessment identifies the relevant toxicity values for the COPCs.
- Risk Characterization summarizes of the estimated human health risk results for each receptor and exposure area and the associated risk uncertainties.

4.1 HAZARD IDENTIFICATION

The objective of the hazard identification step is to evaluate available data to characterize the Site and identify COPCs. Soil, sub-slab soil vapor, soil vapor, and groundwater samples have been collected from the Site at and in proximity to historical operations where chemicals were used and stored. The samples were collected over multiple Site investigation events and analyzed for chemicals associated with the historical on-Site operations to assess the nature and extent of impacts.

The EPA and the DTSC have published guidance on selecting COPCs for risk assessment purposes. Key regulatory documents that include this guidance are, but not limited to, the following:

- EPA, 1989. "Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual (Part A), Interim Final. December 1989" (RAGs Part A; EPA, 1989); and
- DTSC, 2015. "Preliminary Endangerment Assessment Guidance Manual (A guidance for evaluating hazardous substance release sites)," January 1994, Revised October 2015 ([PEA Manual]; DTSC, 2015).

These documents provide guidance for selecting COPCs at hazardous substance release sites for evaluation, more specifically, those site-related chemicals to be evaluated in the HHRA process. Section 2.4.5.7 of the PEA Manual indicates that "all chemicals that are not eliminated by previously described evaluations should be considered COPCs for the site and should be evaluated further through the PEA screening evaluation." The evaluations noted as "previously described" in the PEA Manual primarily include the background evaluation. The intent of the background evaluation is to distinguish site-related contamination from naturally occurring or anthropogenic contamination. Anthropogenic contamination is described as contamination that "may arise when an off-site source has contributed to the on-site contamination, the site is part of a regional contamination problem, or the site-related contaminants are the same as certain ubiquitous, manmade chemicals." The PEA Manual provides a process for eliminating chemicals as COPCs that are within "background" and are therefore not considered to be "site-related." RAGs Part A describes an optional process that may be followed for further reducing the number of COPCs based on a low frequency of detection and low toxicity compared to other site-related chemicals.

The HHRA prepared for Parcel A used a conservative approach for selecting COPCs. This approach was inclusive, as opposed to exclusive. The only chemicals eliminated as COPCs were those metals with maximum or 95% Upper Confidence Limit (95% UCL) concentrations less than the SDRWQCB-approved site-specific background threshold. No other background sources were used to exclude COPCs. Although the PEA Manual indicates that anthropogenic contamination (from off-site sources or ubiquitous man-made chemicals) may be eliminated from consideration, chemicals that may be present due to activities unrelated to on-site industrial operations were nonetheless included as COPCs. In addition, no chemicals were eliminated due to a low frequency of detection or low toxicity. Organic chemicals detected in at least one sample were included as COPCs for the media in which that chemical was detected. COPCs were identified for soil and soil vapor.

In general, and similar to the South Campus HHRAs, the Site-related COPCs evaluated in this HHRA include detected organic chemicals in soil, sub-slab soil vapor, and soil vapor as well as metals (inorganic chemicals) detected at concentrations greater than Site-specific background threshold in soil. COPCs were selected for each exposure area evaluated.

As indicated in Section 4.2, vadose zone soil sample results within the upper 10 feet bgs were used to assess direct exposure pathways. Soil vapor sample results were used to assess exposure based on the vapor intrusion into buildings. Sub-slab soil vapor samples were collected beneath the foundation of each building. COPCs were therefore identified for sub-slab soil vapor samples (within and adjacent to the building footprints) as opposed to the deeper soil vapor samples collected beneath or adjacent to the buildings. COPCs were also identified by the soil vapor samples collected by GSI (within and adjacent to the building footprints), since they did not collect co-located sub-slab soil vapor samples. Locations B29-V03, PW-02, and PW-03 were not considered for selecting COPCs. These sample locations were in the area of Building 29 that will be excavated for construction of a loading dock, and other samples collected either within or closer to the portion of Building 29 that will remain were considered more representative for selecting COPCs.

For the purposes of this HHRA, it was assumed that potential dermal contact or ingestion of groundwater beneath the Site is not complete since groundwater is encountered deeper than 10 feet bgs at the Site and will therefore unlikely be encountered by the on-Site receptors. In addition, groundwater beneath the Site has relatively high total dissolved solids, sodium, and chloride concentrations. Any occupants of the Site will be provided drinking water for consumption and other uses via municipal water supply by the Sweetwater Authority. Potential exposure from the use of groundwater for municipal purpose (e.g., drinking water) was not evaluated in this HHRA, nor was it evaluated in the previous HHRA for the former South Campus property referenced in this HHRA.

4.1.1 Organic Chemicals of Potential Concern

Organic chemicals detected at concentration greater than laboratory detection limits in one or more vadose zone soil (within the upper 10 feet bgs), sub-slab soil vapor samples, and/or the GSI soil vapor samples (herein collectively referred to as soil vapor) are considered COPCs. COPCs were identified separately for soil and soil vapor. A list of the organic chemicals identified as COPCs in on-Site vadose zone soil (within the upper 10 feet bgs) and soil vapor samples is presented in Table 1.

4.1.2 Inorganic Chemicals of Potential Concern

Inorganic compounds that were reported at concentrations greater than SDRWQCB-approved Site-specific background thresholds were considered COPCs. The Site-specific background thresholds for metals in soil were presented in the following documents:

- "Human Health Risk Assessment, South Campus Facility, Chula Vista, California," prepared by Haley & Aldrich, and dated July 2007, revised 26 April 2012; and
- "Hexavalent Chromium Soil Background Evaluation, South Campus Property, Chula Vista, California," prepared by Haley & Aldrich, and dated 8 August 2013.

Prior to the sale of the Former South Campus to the San Diego Unified Port District by Rohr in 1999, the North and South Campuses were part of a single manufacturing facility. The soil characteristics and geology are similar both north and south of H Street on the North and South Campuses, respectively. Both sites are underlain by undocumented and dredged fill and Bay Deposits on the west and the Bay Point Formation east of the former shoreline in landside areas. In general, the native materials that consist of Bay Deposits or the Bay Point Formation beneath the North and South Campuses have similar characteristics. Both lithologies are fine grained, composed primarily of silt and clay as described in the boring logs provided in Appendix A of the Revised Parcel A CSM (Haley & Aldrich, 2021). For these reasons, the soil background evaluation conducted for the Former South Campus is relevant and applicable to the North Campus. Thus, these soil background threshold concentrations were used in the

HHRA to assess which metals on the North Campus are present at concentrations greater than background and were considered COPCs that were further evaluated in the HHRA. Background metals concentrations for soil are summarized in Table 2. A list of the inorganic chemicals identified as COPCs in on-Site vadose zone soil (within the upper 10 feet bgs) is presented in Table 1.

4.2 EXPOSURE ASSESSMENT

The objective of the exposure assessment is to estimate the magnitude, frequency, duration, and routes of reasonably anticipated human exposure to COPCs to anticipated future use of the Site. The exposure assessment is based on anticipated potential on-Site receptors and associated potentially complete exposure pathways that define the conditions of potential exposure to Site-related COPCs. The receptors and assessment of potentially complete exposure pathways are shown on Figure 7. Human health risks were estimated for significant potentially complete exposure pathways. An exposure pathway is considered potentially complete for a receptor if it has the following elements:

- A contaminant source;
- A retention medium and transport mechanism;
- A point of potential human contact with the contaminated medium; and
- An exposure route at the exposure point.

If any of the required elements are absent, the exposure pathway is considered incomplete (i.e., no exposure will occur) and has no associated health risks (i.e., health risks will be zero for that exposure pathway). An exposure pathway may also be considered insignificant, if based on professional judgment, the magnitude of exposure is low, the probability of the exposure occurring is low, and risks associated with the occurrence are not high (EPA, 1989). These criteria render an exposure pathway insignificant, and it is concluded that the associated human health risks for that exposure pathway would not significantly contribute to the overall health risks. Estimated human health risks are not quantified in an HHRA for insignificant exposure pathways.

Potentially complete exposure pathways are discussed below in Section 4.2.1. Once the potentially complete exposure pathways have been identified, the quantification of chemical intake for each receptor requires an estimate of:

- Each COPC concentration the receptor may be exposed to (also referred to as an exposure point concentration [EPC]);
- The absorption of each COPC into the human body once exposed via the complete and potentially complete exposure pathways;
- The frequency and duration of contact for the complete and potentially complete exposure pathways; and
- The biological characteristics of the receptor.

4.2.1 Conceptual Site Model

Figure 7 identifies the potential chemical exposure pathways (i.e., ways that people could potentially be exposed to the COPCs in soil and soil vapor) at the Site. The Site was evaluated as two separate exposure areas, referred to as the Building 99/100 exposure area and the Building 29 exposure area, since these two areas are separated by G Street.

The Building 29 exposure area, located south of G Street, is approximately 9.5 acres and, as stated previously, will continue to be used for commercial/industrial uses. As stated previously the Owner will be demolishing approximately 24,000 square feet of the northern portion of Building 29 and up to approximately 5 feet of soil will be excavated for the construction of a loading dock adjacent to the building. The remainder of Building 29 will continue to be used for commercial/industrial use.

The Building 99/100 exposure area is approximately 5.2 acres north of G Street and includes the vacant properties at 360, 364, and 368 Bay Boulevard. These properties have been combined into a single exposure area since they will be developed as one property. The Owner may be demolishing Buildings 99 and 100 and may be redeveloping this portion of the Site as well as the three vacant parcels for surface parking, which is also considered to be a commercial/industrial land use. An exposure-area-specific HHRA was performed for each of these two exposure areas.

Worst-case human receptors (i.e., receptors with the highest potential exposures to on-Site chemical impacts) for each of the two on-Site exposure areas are identified as follows:

- On-Site construction worker, within the planned excavation area to construct a loading dock at the northern portion of Building 29 (approximately 24,000 square feet) and within the Buildings 99/100 exposure area;
- On-Site landscaper (including utility worker); and
- On-Site commercial/industrial worker.

These three receptors are relevant for the current and planned future use of the property and were also evaluated in the HHRAs for South Campus. The exposure characteristics of each receptor are presented in Table 3. A description of each of the on-Site receptors is provided below.

4.2.1.1 On-Site Construction Worker

The future on-Site construction worker is assumed to work outside during on-Site redevelopment activities (as discussed above) that occur after removing on-Site paving and structures when surface soils are exposed and/or on-Site grading is being conducted. It is assumed that the on-Site construction worker is present on-Site in each of the two exposure areas for 8 hours each day, 5 days per week for 50 weeks over one year and may be exposed to vadose zone soil.

The potentially complete exposure pathways identified for the on-Site construction worker are:

- Incidental ingestion of vadose zone soil;
- Dermal contact with vadose zone soil;
- Inhalation of fugitive dust generated from windborne vadose zone soil; and
- Inhalation of vapors emanating into ambient air from vadose zone soil.

4.2.1.2 On-Site Landscaper (Including Utility Worker)

The Site will not be redeveloped (other than the future loading dock and the possible demolition of Buildings 99 and 100 for surface parking noted above) but will retain the remaining portion of the existing Building 29 and possibly existing Buildings 99 and 100 and limited landscaped areas. The only portions of the Site that are unpaved are those limited landscape areas located on the eastern portion of the Site adjacent to Bay Boulevard, and those adjacent to the north and south side of G Street.

Receptors that may have direct contact with this soil will be on-Site landscape workers. Soil underlying the paved areas may also be contacted during subsurface utility maintenance activities. It is assumed that the on-Site landscaper and utility worker only work outside and will not work within the on-Site buildings. It is further assumed that both the on-Site landscaper and the on-Site utility worker will work in each of the two identified exposure areas and that they may potentially be exposed to soil across each of those exposure areas.

The on-Site landscaper has a higher potential exposure than an on-Site utility worker, whose potential exposure is likely over fewer days per year and over fewer years than the on-Site landscaper. The estimated health risk to an on-Site landscaper would therefore be higher than the estimated health risk to an on-Site utility worker. Chemical concentrations protective for the on-Site landscaper would therefore also be protective for the on-Site utility worker, so estimated human health risks were only quantified for the on-Site landscaper.

The potentially complete exposure pathways for the on-Site landscaper (and on-Site utility worker) include:

- Incidental ingestion of vadose zone soil;
- Dermal contact with vadose zone soil;
- Inhalation of fugitive dust generated from windborne vadose zone soil; and
- Inhalation of vapors emanating into ambient air from vadose zone soil.

It is assumed that an on-Site landscaper will work at the Site for 8 hours each day, 2 days per week for 50 weeks over 25 years.

4.2.1.3 On-Site Commercial/Industrial Worker

It is conservatively assumed that the on-Site commercial/industrial workers may work inside the commercial/industrial buildings and would have insignificant exposure to soil within the landscape areas. The only potentially complete exposure pathway evaluated in this HHRA for the commercial/industrial worker is VOC inhalation in indoor air, based on the subsurface vapor intrusion pathway. It is assumed that the on-Site commercial/industrial worker is present on-Site for 8 hours each day, 5 days per week for 50 weeks each year for 25 years.

4.2.2 Exposure Point Concentrations

Deriving estimates of chemical concentrations at points of potential human exposure is necessary to derive chemical intakes for potentially exposed individuals (i.e., human receptors). These chemical concentrations at the locations where potential exposure may occur are referred to as EPCs. It was assumed for this HHRA that exposures to on-Site vadose zone soil occur within 10 feet bgs.

4.2.2.1 Overview of Data Selection for Derivation of EPCs

Developing long-term EPCs from the investigation data includes an underlying assumption about the representativeness of the data, both temporally and spatially. EPCs were calculated under the assumption that environmental concentrations would remain constant at the levels detected during the investigation activities for an indefinite period. It was therefore assumed that the data considered representative of current Site conditions simulates current and future exposure conditions for a receptor having potential exposure to impacted media at the Site. Organic chemicals naturally degrade

in the environment, which results in the reduction of concentrations over time. However, it is conservatively assumed that no degradation mechanisms will occur. This assumption of steady-state concentrations for each COPC will result in a conservative estimation of long-term exposure concentrations.

To simulate a receptor's spatially and temporally integrated exposure, EPA (1992, 1997, 2002b) defines the EPC used to estimate the reasonable maximum exposure (RME) as the 95% UCL, or the maximum observed concentration, whichever is lower. The arithmetic mean reflects the assumption that exposure by the receptor is averaged as they traverse an area over time. The intent of the RME scenario is to focus the assessment on a conservative exposure within the range of exposures. The 95% UCL concentrations in soil samples were calculated using EPA ProUCL version 5.1.002 software. The results of these calculations presented in the software output, including the EPA recommended 95% UCL concentrations, are presented in Appendix B.

4.2.2.1.1. Soil

For each COPC in soil, its EPC was initially conservatively assumed to be its maximum detected concentration reported in that exposure area. After evaluating the contribution of each chemical to the cumulative risk, the EPC for each COPC that contributed significantly to human health risk was revised to its maximum concentration or 95% UCL, whichever was lower, provided there were sufficient data available to calculate a 95% UCL. If that COPC was a metal, the 95% UCL concentration was compared to the Site-specific background threshold. If the 95% UCL concentration was equal to or less than the Site-specific background concentration threshold, the metal concentration was considered to be within background and was not further evaluated in that exposure-area-specific HHRA.

The EPCs for soil on the Building 99/100 exposure area are summarized in Table 4. Maximum COPC concentrations in soil across the Building 99/100 exposure area (that includes the vacant properties at 360, 364, and 368 Bay Boulevard) were used to estimate human health risks for the on-Site construction worker and the on-Site landscaper.

The EPCs for soil in the Building 29 exposure area and the portion of Building 29 where excavation will be conducted to construct the loading dock are summarized in Tables 5 and 6, respectively. The EPCs for the on-Site construction worker were derived using only COPCs in soil within the planned loading dock excavation area (Table 6). The EPCs for the on-Site landscaper were derived using COPCs in soil across the entire exposure area.

4.2.2.1.2. Soil Vapor

For each COPC in soil vapor, indoor air EPCs were either derived at each soil vapor sample location or using maximum concentrations beneath each building.

Building 99/100 exposure area - Buildings 99 and 100 may be used for commercial/industrial purposes or may be razed and the area redeveloped for surface parking. Both scenarios were evaluated in this HHRA using the following methods:

- Maximum detected soil vapor concentrations beneath each building assuming the buildings remain in place; and
- A point-by-point basis that allowed for estimating future vapor intrusion risks at each location with soil vapor data since future building locations in this exposure area are not known.

Building 29 exposure area – For Building 29, an estimated COPC concentration in indoor air was derived from its detected VOC concentration at each soil vapor sample location. The approach was conducted for Building 29 given the size of the building, as it is unlikely that vapors migrating into the building will be completely mixed as is assumed in the derivation of 95% UCL concentrations.

It was assumed that VOC concentrations in indoor air can be estimated from on-Site soil vapor data as described above. A summary of EPCs in soil vapor is provided in Table 7 (Building 99/100 exposure area) and Table 8 (Building 29 exposure area).

4.2.2.2 Derivation of EPCs

For incidental ingestion and dermal contact with soil within each exposure area, the maximum COPC concentrations or the 95% UCL within the upper 10 feet of vadose zone soil were used as the EPCs. Ambient air EPCs from generated fugitive dust and VOCs emanating into ambient air were also derived from COPC concentrations within the upper 10 feet of vadose zone soil. Indoor air EPCs from vapor intrusion into indoor air were derived using COPC concentrations in soil vapor. The calculations used to estimate the EPCs in ambient and indoor air are described below.

4.2.2.3 Fugitive Dust in Ambient Air

COPCs that are relatively nonvolatile compounds can adhere to soil and become airborne because of wind erosion or mechanical disturbance such as soil grading operations. Once airborne, these soil particulates generate fugitive dust that can be inhaled. The fugitive dust EPC is estimated by multiplying the COPC EPC in soil by the inverse of the particulate emission factor (PEF) relevant to the fugitive dust generating activities.

During intrusive activities associated with activities conducted by the future on-Site construction worker, fugitive dust may be generated by various activities, including not only wind erosion, but also by vehicles driven on unpaved roads, trucks dumping excavated soil, dozing, grading, tilling, or similar operations, as noted in the 2002 EPA document (EPA, 2002a). To account for these activities, the PEF during these activities was assumed to be the DTSC-recommended default PEF identified for the construction scenario in the 9 April 2019 DTSC document entitled "Human Health Risk Assessment (HHRA) Note Number 1, Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities" (HHRA Note 1, [DTSC, 2019a]). This PEF value is 1.0 x 10^6 cubic meters per kilogram (m^3/kg).

For the on-Site landscaper, fugitive dust may be generated from wind erosion of exposed surface soil. The fugitive dust EPC was estimated by dividing the COPC EPC in vadose zone soil by the PEF calculated for wind erosion for the general geographic area containing the Site. This PEF was estimated using the following equation presented in the EPA document entitled "Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites" (EPA, 2002a) using parameters for the Los Angeles, California, area. Los Angeles is the closest weather metering station to San Diego County that measures air dispersion modeling parameters.

$$PEF = \frac{Q}{C} \times \left[\frac{3600}{RPF \times (1-V) \times \left(\frac{U_m}{U_t} \right)^3 \times F_x} \right] \qquad \text{(Equation 1)}$$

$$\frac{Q}{C} = A \times \exp[\frac{(\ln A_{site} - B)^2}{C}] \qquad \text{(Equation 2)}$$

where:

PEF	=	Particulate emission factor of annual average respirable fraction (PM_{10}) of impacted fugitive dust (m^3/kg)
PM_{10}	=	Respirable fraction, particles less than 10 micrometers (μm) in diameter
Q/C	=	Dispersion emission component, $(g/m^2/s)/(kg/m^3)$, as Q/C_{sc} *or* Q/C_{vol} (EPA, 2002a)
A,B,C	=	Constants based on air dispersion modeling for Los Angeles, California, A=11.9110, B=18.4385, C=209.7845 (EPA, 2002a)
A_{site}	=	Areal extent of exposure area contamination in acres (5.2 acres for the Building 99/100 exposure area, 9.5 acres for the Building 29 exposure area)
RPF	=	Respirable fraction of particulate ($g/m^2/h$), default, 0.036 $g/m^2/h$, (EPA, 2002a)
Um	=	Mean annual wind speed (meters per second [m/s]), (4.69 m/s) (EPA, 2002a)
Ut	=	Equivalent threshold value of wind speed at 7 meters, (11.32 m/s) (EPA, 2002a)
F_x	=	Function describing U_t/U_m (unitless) derived using Cowherd et al. 1985 (0.194) (EPA, 2002a)

4.2.2.4 VOCs in Ambient Air Due to Volatilization from Soil

VOCs may volatize from VOC-impacted soil into the ambient air. The ambient air concentrations from subsurface impacts were estimated using the most recent EPA and DTSC guidance (see equations below). These are the same equations used to estimate ambient air concentrations in the derivation of the May 2022 EPA Regional Screening Levels (EPA, 2022) and the "Human and Ecological Risk Office (HERO) HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs)" prepared by the DTSC dated June 2020 - revised May 2022 (HHRA Note 3; DTSC, 2020b). The ambient air VOC concentration was estimated by dividing the lower of the COPC EPC in vadose zone soil and the soil saturation limit concentration for the COPC by the volatilization factor (VF) calculated using default DTSC soil properties for sand presented in the Johnson & Ettinger Model ([J&E Model]; DTSC, 2014). Our estimates were based on the total matrix concentrations in samples collected within the entire vadose zone (depths to 10 feet below ground surface). The total matrix concentration includes concentrations present in the entire soil matrix, including concentrations adhered to the soil and organic particles and within the soil's water- and air-filled porosity.

The use of the equations conservatively assumes that VOCs volatilize directly from soil into ambient air. The Site surface is not bare ground as assumed in these equations. Instead, there is a paved surface or building covering the majority of the entire Site which acts as a barrier that impedes the migration of VOCs from the subsurface directly into ambient air. Assuming this barrier is not present, as was done in this HHRA, overestimates actual ambient concentrations.

The soil saturation limit concentration was estimated following Equation 4-9 presented in the EPA document entitled "Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites" (EPA, 2002a):

$$sat = \frac{S}{\rho_b} \times \left(K_d \rho_b + \Theta_w + H'\Theta_a\right) \qquad \text{(Equation 3)}$$

where:

sat	=	Soil saturation concentration (mg/kg)
S	=	Solubility in water (milligrams per liter-water, chemical-specific) (EPA, 2022)
ρ_b	=	Dry soil bulk density (grams per cubic centimeter [g/cm^3], default property for sand in the J&E Model)
K_d	=	Soil-water partition coefficient (cubic centimeter per gram [cm^3/g]) = Koc x foc
f_{oc}	=	Soil organic carbon-water partition coefficient (cm^3/g, chemical-specific; EPA, 2022)
foc	=	Fraction organic carbon in soil (gram per gram [g/g], default, 0.006; EPA, 2002a)
Θ_w	=	Water-filled soil porosity (l water/l soil, default property for sand in the J&E Model)
Θ_a	=	Air-filled soil porosity (l air/l soil, default property for sand in the J&E Model)
H'	=	Dimensionless Henry's Law constant (chemical-specific; EPA, 2022)

The soil VF for the construction scenario was calculated using the following subchronic volatilization factor equation, Equation 5-14 as specified by EPA (2002a):

$$VF_{sc} = \left[\frac{(3.14 \times D_A \times T)^{1/2}}{2 \times \rho_b \times D_A}\right] \times 10^{-4} m^2/cm^2 \times Q/C_{sa} \times \frac{1}{F_D} \qquad \text{(Equation 4)}$$

where:

VF	=	Volatilization factor (m^3/kg)
D_A	=	Apparent diffusivity (centimeters squared per second [cm^2/s], see Equation 5)
T	=	Total time over which construction occurs (s, receptor-specific, e.g., 31,536,000 s = 1 year for the future on-Site construction worker)
ρ_b	=	Dry soil bulk density (g/cm^3, Site-specific, same as used in the J&E Model)
Q/C	=	Dispersion emission component, ([g/m^2/s]/[kg/m^3], see Equation 6)
F_D	=	Dispersion correlation factor (unitless, 0.185, EPA 2002a)

and where:

$$D_A = \frac{\left[\left(\Theta_a^{10/3} D_i H' + \Theta_w^{10/3} D_w\right)/n^2\right]}{\rho_b K_d + \Theta_w + \Theta_w H'} \qquad \text{(Equation 5)}$$

where:

D_A	=	Apparent diffusivity (cm^2/s, chemical-specific)
ρ_b	=	Dry soil bulk density (g/cm^3, default property for sand in the J&E Model)
Θ_A	=	Air-filled soil porosity (l air/l soil, default property for sand in the J&E Model)
n	=	Total soil porosity (l pore/l soil, default property for sand in the J&E Model)
Θ_w	=	Water-filled soil porosity (l water/l soil, default property for sand in the J&E Model)
D_i	=	Diffusivity in air (cm^2/s, chemical-specific; EPA, 2022)
H'	=	Dimensionless Henry's Law constant (unitless, chemical-specific; EPA, 2022)
D_w	=	Diffusivity in water (cm^2/s, chemical-specific; EPA, 2022)
K_d	=	Soil-water partition coefficient (cm^3/g) = Koc x foc

K_{oc} = Soil organic carbon-water partition coefficient (cm^3/g, chemical-specific; EPA, 2022)

f_{oc} = Fraction organic carbon in soil (g/g, 0.006 = default; EPA, 2002a)

$$Q/C_{sa} = A \times \exp\left[\frac{(\ln A_c - B)^2}{C}\right] \quad \text{(Equation 6)}$$

where:

Q/C = Dispersion emission component, ($[g/m^2/s]/[kg/m^3]$)

A = Unitless constant (11.911 = default for Los Angeles for on-Site landscaper (post development receptors; 2.4538 default for future on-Site construction worker, EPA, 2002a)

A_c = Areal extent of Site soil contamination (acres, exposure area specific)

B = Unitless constant (18.439 = default for Los Angeles for post development receptors; 17.566 = default for construction worker, EPA, 2002a)

C = Unitless constant (209.7845 = default for Los Angeles for post development receptors; 189.0426 = default for construction worker, EPA 2002a)

The soil VF for the on-Site landscaper was calculated using the following equations presented by EPA (2002a) as Equation 4-8:

$$VF = \frac{Q/C_{vol} \times (3.14 \times D_A \times T)^{1/2} \times 10^{-4} (m^2/cm^2)}{(2 \times \rho_b \times D_A)} \quad \text{(Equation 7)}$$

where:

VF = Volatilization factor (m^3/kg)

D_A = Apparent diffusivity (cm^2/s, see Equation 5)

T = Total time (s, receptor specific, e.g., 788,400,000 s = 25 years for occupational receptors)

ρ_b = Dry soil bulk density (g/cm^3, default property for sand in the J&E Model)

Q/C = Dispersion emission component, ($[g/m^2/s]/[kg/m^3]$, see Equation 6)

Each COPC concentration in ambient air was calculated using the following equation:

$$Ca = \frac{C_s}{VF} \quad \text{(Equation 8)}$$

where:

C_a = Ambient air concentration (milligram per cubic meter [mg/m^3])

C_s = Soil concentration (mg/kg)

VF = Volatilization factor (m^3/kg, see Equation 4 above)

4.2.2.5 VOCs in Indoor Air Due to Subsurface Vapor Intrusion

VOCs may volatize from VOC-impacted soil or groundwater and enter indoor air from upward migration of vapor through cracks and seams in the building foundation. The COPC concentrations in soil vapor samples collected beneath and adjacent to the future building footprints within each on-Site exposure area were used to calculate EPCs in indoor air at each of those soil vapor sample locations.

The building-specific vapor intrusion evaluation for Buildings 29, 99, and 100 were conducted following the guidance presented in the EPA Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air (EPA, 2015), the DTSC Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (DTSC, 2011), and HERO Note 4 (DTSC, 2022). For each selected VOC concentration in soil vapor, the potential indoor air concentration was estimated by multiplying its detected concentration by a default attenuation factor. The EPA default attenuation factor of 0.03 was used to estimate indoor air concentrations. This attenuation factor was conservatively used instead of the DTSC recommended commercial building attenuation factors identified in Table 2 of the DTSC Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (DTSC, 2011). The DTSC recommended commercial building attenuation factors are 0.001 for an existing building contaminant source, 0.05 for an existing building sub-slab, and 0.0005 for a future building contaminant source.

4.2.3 Estimation of Chemical Intakes

EPA risk assessment guidelines recommend that intake doses be calculated in a manner that produces risk estimates of the RME scenario (EPA, 1989). The RME considers the upper bound case described by using the 50th or 95th percentile of the actual distribution of most input parameters, including receptor characteristics used to estimate intake doses. The intent of the RME scenario is to focus the risk assessment on conservative exposures within the range of possible exposures. Since the RME scenario uses a mixture of upper bound and central tendency assumptions and data, the associated estimated COPC intake is not an average COPC intake but is intended to be an estimate of the plausible upper-end intake. These conservative assumptions add another level of conservativeness that further overestimates potential exposures. These assumptions are presented in Table 3.

The exposure values for the identified receptors are generally consistent with the HHRA Update, and were updated with more current values obtained from the:

- 2019 DTSC guidance entitled “Human Health Risk Assessment (HHRA) Note Number 1, Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities” (DTSC, 2019a),
- 2002 EPA guidance entitled “Supplemental Guidance for Developing Screening Levels for Superfund Sites” (EPA 2002a),
- 2014 EPA document entitled “Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors” (EPA, 2014), and
- 2009 EPA document entitled “Risk Assessment Guidance for Superfund, Volume I, Human Health Evaluation Manual, Part F, Supplemental Guidance for Inhalation Risk Assessment),” (EPA, 2009).

4.2.3.1 Soil Ingestion and Dermal Contact with Soil

For noncarcinogenic effects, intake for soil ingestion and dermal exposure to soil is averaged over the period of exposure and referred to as the average daily intake (ADI). For carcinogenic effects, the intake is averaged over a lifetime and referred to as the lifetime average daily intake (LADI). The following general equation was applied to estimate COPC intake for soil ingestion and dermal exposure to soil exposure pathways considered in the HHRA:

$$Intake = \frac{C \times IR \times EF \times ED \times RAF}{BW \times AT} \quad \text{(Equation 9)}$$

where:

Intake	=	ADI (mg/kg-day) for noncarcinogens LADI (mg/kg-day) for carcinogens
C	=	EPC of COPC in environmental medium (e.g., mg/kg for soil)
IR	=	Intake rate (e.g., mg soil/day)
EF	=	Exposure frequency (days/year)
ED	=	Exposure duration (years)
RAF	=	Relative absorption factor (i.e., the ratio of bioavailability in the exposure scenario to bioavailability in the exposure situation from which the toxicity criteria are based)
BW	=	Body weight (kg)
AT	=	Averaging time (days)

4.2.3.1.1. Incidental Ingestion of Soil

The equation used to estimate COPC intake due to incidental ingestion of soil is presented below:

$$Intake = \frac{CS \times IR \times CF \times EF \times ED \times RAF}{BW \times AT} \quad \text{(Equation 10)}$$

where:

CS	=	EPC of COPC in soil (mg/kg)
IR	=	Ingestion rate of soil (mg/day)
CF	=	Conversion factor (1×10^{-6} kg/mg)
EF	=	Exposure frequency (days/year)
ED	=	Exposure duration (years)
RAF	=	Relative absorption factor (unitless)
BW	=	Body weight (kg)
AT	=	Averaging time (days)

4.2.3.1.2. Dermal Contact with Soil

The equation used to estimate COPC intake due to dermal contact with soil is presented below:

$$Intake = \frac{CS \times AF \times SA \times CF \times EF_1 \times EF_2 \times ED \times ABS_d}{BW \times AT} \quad \text{(Equation 11)}$$

where:

CS	=	EPC of COPC in soil (mg/kg)
AF	=	Soil adherence factor (mg/cm^2-event)
SA	=	Surface area of exposed skin (cm^2)
CF	=	Conversion factor (1 x 10^{-6} kg/mg)
EF_1	=	Exposure frequency (days/ year)
EF_2	=	Contact rate (event/day)
ED	=	Exposure duration (years)
ABS_d	=	Dermal absorption fraction (unitless)
BW	=	Body weight (kg)
AT	=	Averaging time (days)

4.2.3.2 Inhalation Exposure

For the inhalation pathway, intake of COPCs in air is a time-weighted average concentration, referred to as the exposure concentration (EC), derived from measured or modeled concentrations in air and adjusted based on characteristics of the exposure scenario and receptor being evaluated (e.g., exposure time, exposure frequency, etc.). The following general equation was applied to estimate ECs for the inhalation exposure pathways considered in the HHRA:

$$EC = \frac{CA \times ET \times EF \times ED}{AT} \qquad \text{(Equation 12)}$$

where:

EC	=	Exposure concentration (µg/m^3)
CA	=	EPC of COPC in air (µg/m^3 in air, either measured or modeled)
ET	=	Exposure time (hours/day)
EF	=	Exposure frequency (days/year)
ED	=	Exposure duration (years)
AT	=	Averaging time (hour over a lifetime for cancer risk, hours over exposure period for hazard index)

4.3 TOXICITY ASSESSMENT

The toxicity assessment characterizes the relationship between the magnitude of exposure to a COPC and the nature and magnitude of adverse health effects that may result from each exposure. Adverse health effects are generally classified into two broad categories: noncarcinogens and carcinogens. Toxicity values are typically developed based on the threshold approach for noncarcinogenic effects and the non-threshold approach for carcinogenic effects. Toxicity values may be based on epidemiological studies, short-term human studies, or subchronic or chronic animal data. Toxicity values to estimate adverse noncarcinogenic health effects as hazard quotients (HQs) are derived using reference doses (RfDs) and reference concentrations (RfCs); toxicity values to estimate incremental lifetime cancer risks ([ILCRs], also typically referred to as excess lifetime cancer risks), are derived using cancer slope factors (SFs) and unit risk factors (URFs).

4.3.1 Adverse Noncarcinogenic Health Effects

It is widely accepted that adverse noncarcinogenic health effects from chemical substances occur only after a threshold dose or intake is reached. To establish a toxicity value for an adverse noncarcinogenic health effect, a threshold dose is usually estimated from the no-observed-adverse-effect-level (NOAEL), or the lowest-observed-adverse-effect-level (LOAEL) determined from chronic or subchronic animal studies. The NOAEL is the highest dose at which no adverse effects are observed; the LOAEL is the lowest dose at which adverse effects are observed.

Safety factors (up to 1,000-fold) are applied to the NOAEL or LOAEL observed in animal studies or human epidemiological studies to establish conservative RfDs or RfCs. An RfD is an estimate of a dose level not expected to result in adverse health effects in humans, even among the most sensitive members of the population (EPA, 1989). RfDs are expressed as acceptable daily doses in milligrams of chemical per kilogram of body weight per day (mg/kg-day) and are used to derive estimated risk from exposure to noncarcinogens via ingestion and dermal contact.

An RfC is an estimate of a continuous inhalation exposure to the human population (including sensitive subgroups) likely to be without appreciable risk of deleterious effects during a lifetime (EPA, 2009). RfCs are expressed in $\mu g/m^3$ and are used to estimate risks from exposure to noncarcinogens via inhalation.

4.3.2 Carcinogenic Health Effects

Regulatory agencies have generally assumed that carcinogenic agents do not have toxicological thresholds. The dose-response curve used to regulate carcinogens only predicts zero risk when there is zero dose (i.e., for doses greater than zero, some risk is assumed to be present). Cancer risks from potential human exposures to carcinogenic chemicals are modeled mathematically using either animal or human data.

Cancer risks for exposure to carcinogens are defined in terms of upper bounds on probabilities. The probabilities identify the likelihood of a carcinogenic response in an individual who receives a given dose of a particular chemical (based on mathematical modeling of the animal or human data). Potential carcinogenic effects are expressed as the probability that an individual will develop cancer from a lifetime exposure. This probability is based on projected intakes and chemical-specific dose-response data called SFs and URFs.

The SF defines the cancer risk due to average lifetime exposure to one unit of carcinogen (in units of risk per mg/kg-day written as the inverse of mg/kg-day $(mg/kg\text{-}day)^{-1}$) and is used to derive estimated risk from exposure to carcinogens via ingestion and dermal contact. To derive SFs, the EPA generally uses the linearized multistage model for low-dose extrapolation. The model is considered one of the most conservative models applied and has been recognized by EPA to overpredict ILCRs. Using this model, SFs are derived by calculating the 95% UCL on the slope of the linearized portion of the dose-response curve obtained from the multistage cancer model. Use of the 95% UCL of the slope means that there is only a 5 percent chance that the probability of a response could be greater than the estimated value of the experimental data used.

The inhalation URF (IURF) is the upper bound excess lifetime cancer risk estimated to result from continuous exposure to an agent at a concentration of 1 $\mu g/m^3$ in air (EPA, 2009). IURFs are expressed in $(\mu g/m^3)^{-1}$ and are used to derive estimated risk from exposure to carcinogens via inhalation.

4.3.3 Chemical-specific Toxicity Values

Chronic toxicity values for adverse cancer and noncancer effects are conservatively used to evaluate both chronic and subchronic exposures for each COPC. Each exposure evaluated herein is considered to be chronic exposure. Toxicity criteria were selected using the methodology described in the DTSC February 25, 2019 "Human Health Risk Assessment (HHRA) Note, Human and Ecological Risk Office (HERO) HHRA Note Number: 10, Toxicity Criteria." The selected toxicity values for the COPCs are presented in Table 9.

4.4 RISK CHARACTERIZATION

Risk characterization is the fourth step in the risk assessment process. Risk characterization includes the integration of the toxicity and exposure assessments to provide quantitative and qualitative expressions of risk.

4.4.1 Calculation of Adverse Noncarcinogenic Health Effects for Exposure to Soil – Other Than Lead

The RfD and RfC are used in the risk characterization to estimate the potential for adverse noncarcinogenic health effects. The estimated ADI divided by the RfD or RfC for inhalation exposures is referred to as an HQ. An HQ value greater than 1 indicates a chemical dose above the RfD for that pathway, and thus a potential for adverse noncarcinogenic health effects. A total hazard index (HI) is a sum of the HQs for more than one chemical with similar toxicological endpoints. A total HI greater than 1 indicates a potential for an adverse noncarcinogenic health effect from exposure to that chemical or chemicals. Additional risk evaluation is typically undertaken only when this threshold is exceeded. Additional information regarding the derivation and interpretation of HQs and total HI is presented below.

The HQ compares a receptor's exposure or intake level to the RfD or RfC of that COPC, as appropriate for the defined complete pathway (EPA, 1989). To calculate an HQ, the ADI for non-inhalation exposures or EC for inhalation exposures (e.g., upper bound intake averaged over the exposure period) for each COPC is divided by the chemical-specific RfD or RfC, respectively, as shown in the following equation:

$$HQ_{pathway1} = \begin{cases} ADI/RfD \\ or \\ EC/RfC \end{cases} \qquad \text{(Equation 13)}$$

where:

$HQ_{pathway1}$	=	HQ of particular pathway for COPC (unitless)
ADI	=	Average daily intake of COPC (mg/kg-day)
EC	=	Exposure concentration (µg/m^3)
RfD	=	Reference dose of COPC (mg/kg-day)
RfC	=	Reference concentration of COPC (µg/m^3)

When using the above equation to estimate the potential for adverse noncancer health effects, both the intake and the RfD or the exposure concentration and the RfC must refer to exposures of equivalent duration (e.g., chronic).

For each receptor, the HQ of each pathway for the COPC is then summed to calculate the total HQ for that COPC as shown in the following equation:

$$Total\ HQ = HQ_{pathway1} + HQ_{pathway2} + \ldots + HQ_{pathway\ n} \quad \text{(Equation 14)}$$

where:

Total HQ	=	Summed HQs for COPC (unitless)
$HQ_{pathway1}$	=	HQ for particular pathway for COPC (unitless)

As a first-tier analysis, the HQs (e.g., for all COPCs, regardless of target organ) for each receptor can be summed as the basis for conservatively estimating a preliminary total HI for that receptor. In this case, it is assumed that each COPC acts by the same mechanism and induces the same effects (EPA, 1989). For simultaneous exposures to a receptor by several COPCs, a total HI is calculated as the sum of the HQs for each COPC by:

$$Total\ HI = HQ_{COPC_1} + HQ_{COPC_2} + \ldots + HQ_{COPC_n} \quad \text{(Equation 15)}$$

where:

Total HI	=	Total Hazard Index
$Total\ HQ_{COPC_n}$	=	Sum of HQs for that COPC

If the total HI exceeds a value of 1, then acceptable target organ-specific total HIs can be calculated for the receptor based on target organs as recommended by EPA (1989). For the purpose of this HHRA, target organ-specific total HIs were not derived. Instead, the preliminary total HI was used to assess the magnitude of non-cancer health risk.

4.4.2 Calculation of Adverse Noncarcinogenic Health Effects for Lead

Potential human health effects from exposure to lead are typically inferred from blood lead levels and, as such, are not amenable to the HQ/HI approach described above. Health risk from exposure to lead in soil was conservatively evaluated based on information presented in the HERO Note 3 (DTSC, 2020b).

The blood lead concentration identified as acceptable, for both children and adults, is 1 microgram per deciliter (OEHHA, 2009) and will be applied to high end (i.e., RME) exposure estimates. While the LeadSpread 9 Model (DTSC, 2020a) calculates estimated 90th, 95th, 98th and 99th percentile blood lead concentrations, OEHHA identifies the 90th percentile blood lead as a "point of departure" (e.g., remedial actions are not warranted when predicted blood lead levels are at or less than 1 microgram per deciliter). The commercial/industrial DTSC-SL derived from the LeadSpread Model is 500 mg/kg, which was used to assess potential exposures to lead at the Site.

4.4.3 Calculation of Cumulative Incremental Lifetime Cancer Risk from Exposure to Soil

The cancer SF or URF is used in the risk characterization to estimate the cancer risk. The SF multiplied by the LADI or the URF for inhalation exposures multiplied by EC is referred to as an ILCR:

$$ILCR = LADI \times SF$$

Or

$$EC \times IURF \quad \text{(Equation 16)}$$

where:

ILCR	=	Incremental lifetime cancer risk for COPC, also referred to as excess lifetime cancer risk (unitless)
LADI	=	Lifetime average daily intake of COPC (mg/kg-day)
EC	=	Exposure concentration ($\mu g/m^3$)
SF	=	Slope factor of COPC $(mg/kg\text{-}day)^{-1}$
IURF	=	Inhalation URF $(\mu g/m^3)^{-1}$

For each COPC identified as a potential human carcinogen, the theoretical upper bound ILCR for a particular receptor is the sum of the calculated ILCRs for each COPC.

For each receptor, the ILCR of each pathway for the COPC is then summed to calculate the ILCR for that COPC as shown in the following equation:

$$ILCR_{COPC} = ILCR_{pathway1} + ILCR_{pathway2} + \ldots + ILCR_{pathwayn} \quad \text{(Equation 17)}$$

where:

$ILCR_{COPC}$	=	Summed ILCR for COPC (unitless)
$ILCR_{pathway1}$	=	ILCR for particular pathway for COPC (unitless)

If a receptor is exposed to several carcinogens, the following equation is used to sum cancer risks:

$$Cumulative\ ILCR = ILCR_{COPC1} + ILCR_{COPC2} + \ldots + ILCR_{COPCn} \quad \text{(Equation 18)}$$

where:

Cumulative ILCR	=	Total risk of cancer incidence for all COPCs
$ILCR_{COPC_n}$	=	Individual COPC ILCR

4.4.4 Calculation of Incremental Lifetime Cancer Risk and Hazard Index from Inhalation of Vapors in Indoor Air

Potential human health risks to an on-Site commercial/industrial worker that may occupy the on-Site buildings were estimated assuming inhalation of the estimated VOC concentrations in indoor air. To estimate these human health risks, commercial/industrial ambient air screening levels based on a cancer risk level of 1×10^{-6} and noncancer HQ of 1 were selected from the HERO Note 3 (DTSC, 2020b). These screening levels assume that the commercial/industrial worker would be present within a building 8 hours each day for 250 days per year for 25 years. Each estimated COPC concentration in indoor air (derived by dividing the sub-slab soil vapor concentration by the default attenuation factor of 0.03) was divided by its corresponding available cancer and/or non-cancer ambient air DTSC-SL. The ratios based on the cancer ambient air DTSC-SLs were each multiplied by their corresponding risk threshold, 1×10^{-6}, and the ratios (also referred to as HQs) based on the non-cancer ambient air DTSC-SL were each multiplied by their corresponding risk threshold, 1. The resulting cumulative cancer risks were summed to estimate cumulative ILCR, and the resulting HQs were summed to estimate a total HI. For human health risks due to inhalation of indoor air that were estimated on a point-by-point basis, an ILCR and HI was presented for each soil vapor sample location. These calculations and the results are presented in Appendix C.

4.4.5 Acceptable Risk Thresholds

Estimates of the total HI and cumulative ILCR are compared to acceptable target levels by risk managers. There is some variability in acceptable cumulative ILCRs established by various regulatory agencies, although the acceptable target level for HIs is generally less than or equal to 1 and most target cumulative ILCRs considered acceptable lie within the risk range of 10^{-6} to $10^{-4.}$

4.4.5.1 Total Noncancer Hazard Index

The HI evaluation process typically occurs in two steps. First, the HQs for all COPCs are added and compared to an acceptable target total HI. If the calculated value is greater than the acceptable target level, then only total HQs for those compounds considered to have additive adverse noncarcinogenic health effects are summed in the second step to refine the HI estimate.

An HI of less than 1 indicates that it is unlikely that adverse human health effects will occur during a lifetime in an exposed population, including sensitive subpopulations (EPA, 1989). Most environmental programs employ an HI of unity (i.e., 1) as an acceptable target for risk decisions. The most explicit directive comes from the Federal Superfund Program (EPA, 1990), which is also California/EPA policy. This directive specifies an HI of 1 as the acceptable target for risk management decisions, as well as the acceptable target risk to be achieved in designing remedial responses. This noncancer risk threshold was used in this HHRA for each receptor as the acceptable total HI to assess whether exposure to COPCs at the Site may pose an adverse noncarcinogenic effect.

4.4.5.2 Cumulative Incremental Lifetime Cancer Risk

A total incremental lifetime risk of 10^{-6} and 10^{-4} corresponds to theoretical probability of 1 chance in 1 million to 1 chance in ten thousand, which is in addition to or excess of the background cancer risk. The conservatism of such risk increments is enhanced by the fact that risk is typically expressed as an upper bound ILCR. That is, true risk is anticipated to lie somewhere between zero and the upper bound risk estimated in the risk characterization (EPA, 1989). Potential risk estimates between 10^{-6} and 10^{-4} require risk management decisions based on Site-specific land use/exposure scenarios and may or may not require remediation or mitigation (EPA, 1990). It is generally accepted in the regulatory community that risk estimates equal to or less than 10^{-6} do not require remediation or mitigation measures. Risk estimates greater than 10^{-4} generally require remediation or mitigation to reduce potential exposures, and site remediation based on cumulative ILCRs between 10^{-6} and 10^{-4} is made on a case-by-case basis.

California Proposition 65 (1986, Safe Drinking Water and Toxic Enforcement Act of 1986, Proposition 65, Health and Safety Code Section 25249.5 et seq.) requires specific notification and warning for exposure to carcinogens above the "no significant risk level," which is based on a 10^{-5} excess lifetime cancer risk. In addition, the EPA, under the Resource Conservation and Recovery Act Corrective Action Environmental Indicators (EI) program, indicates that "For the purposes of making Current Human Exposure under Control EI determinations with respect to vapor intrusion, EPA generally recommends the use of 10^{-5} levels for carcinogens (incremental individual lifetime cancer risk), and a HQ of 1 for noncancer risk." Within this range of acceptable risk values, the California/EPA and EPA typically default to an acceptable cumulative ILCR threshold of 10^{-5} in risk management decision making for occupational receptors (e.g., on-Site landscaper) and 10^{-6} in risk management decision making for residential receptors. Therefore, the cumulative ILCR threshold of 10^{-5} for the on-Site construction worker, the on-Site landscaper, and the on-Site commercial/industrial worker was used in this HHRA as the acceptable cumulative ILCR to assess whether exposure to COPCs at the Site may pose an unacceptable cancer risk.

4.4.6 Summary of Risk Characterization Results

The exposure area-specific risk characterization results for each exposure area are summarized below. A summary of the exposure-area-specific HHRA risk results is presented in Table 10. The associated risk calculations are presented in Appendices D and E. As noted previously, the vacant properties at 360, 364, and 368 Bay Boulevard are included in the Building 99/100 exposure area.

4.4.6.1 Building 99/100 Exposure Area

On-Site Construction Worker: Based on the results of the HHRA for the on-Site construction worker, the cumulative ILCR is 1×10^{-7}, and the total HI is 0.3. The cumulative ILCR is less than the acceptable cumulative ILCR threshold of 1×10^{-5}, and the total HI is less than the acceptable total HI of 1. The lead EPC is less than the commercial/industrial DTSC-SL of 500 mg/kg. Remediation or mitigation is therefore not necessary to protect the on-Site construction worker.

On-Site Landscaper: Based on the results of the HHRA for the on-Site landscaper, the cumulative ILCR is 2×10^{-7}, and the total HI is 0.04. The cumulative ILCR is less than the acceptable cumulative ILCR threshold of 1×10^{-5}, and the total HI is less than the acceptable total HI of 1. The lead EPC is less than the commercial/industrial DTSC-SL of 500 mg/kg. Remediation or mitigation is therefore not necessary to protect the on-Site landscaper.

On-Site Commercial/Industrial Worker (Building 99): Based on the results of the HHRA for the on-Site commercial/industrial worker using sub-slab soil vapor data, the ILCR is 3×10^{-7}, and the total HI is 0.1. The cumulative ILCR is less than the acceptable cumulative ILCR threshold of 1×10^{-5}, and the total HI is less than the acceptable total HI of 1. Remediation or mitigation is therefore not necessary to protect the commercial/industrial worker.

On-Site Commercial/Industrial Worker (Building 100): Based on the results of the HHRA for the on-Site commercial/industrial worker using sub-slab soil vapor data, the ILCR is 3×10^{-7}, and the total HI is 0.1. The cumulative ILCR is less than the acceptable cumulative ILCR threshold of 1×10^{-5}, and the total HI is less than the acceptable total HI of 1. Remediation or mitigation is therefore not necessary to protect the commercial/industrial worker.

On-Site Commercial/Industrial Worker (Future Building): Based on the results of the HHRA for the on-Site commercial/industrial worker using sub-slab soil vapor data, the maximum ILCR is 3×10^{-7}, and the maximum total HI is 0.1. The cumulative ILCR is less than the acceptable cumulative ILCR threshold of 1×10^{-5}, and the total HI is less than the acceptable total HI of 1. Remediation or mitigation is therefore not necessary to protect the commercial/industrial worker.

4.4.6.2 Building 29 Exposure Area

On-Site Construction Worker: Based on the results of the HHRA for the on-Site construction worker, the cumulative ILCR is 1×10^{-6}, and the total HI is 6. The cumulative ILCR is less than the acceptable cumulative ILCR threshold of 1×10^{-5}, and the total HI is greater than the acceptable total HI of 1. The lead EPC is less than the commercial/industrial DTSC-SL of 500 mg/kg. Remediation or mitigation is therefore warranted to protect the on-Site construction worker.

TCE is driving the risk. A HBRG (see Section 6) was derived for TCE in soil to reduce estimated human health risks for the on-Site construction worker from exposure soil within the planned excavation area within the Building 29 exposure area.

On-Site Landscaper: Based on the results of the HHRA for the on-Site landscaper, the cumulative ILCR is 1×10^{-5}, and the total HI is 1. The cumulative ILCR is equal to the acceptable cumulative ILCR threshold of 1×10^{-5}, and the total HI is equal to the acceptable total HI of 1. The lead EPC is less than the commercial/industrial DTSC-SL of 320 mg/kg. Remediation or mitigation is therefore not necessary to protect the on-Site landscaper.

On-Site Commercial/Industrial Worker: Based on the results of the HHRA for the on-Site commercial/industrial worker using sub-slab soil vapor data, the maximum ILCR is 2×10^{-3}, and the maximum total HI is 500. The cumulative ILCR is greater than the acceptable cumulative ILCR threshold of 1×10^{-5} and the total HI is greater than the acceptable total HI of 1. Remediation or mitigation is therefore warranted to protect the on-Site commercial/industrial worker.

Bromodichloromethane, chloroform, cis-1,2-dichloroethene (cis-1,2-DCE), PCE, and TCE are driving the risk. HBRGs (see Section 6) were derived for these COPCs in soil vapor to reduce estimated health risks for the on-Site commercial/industrial worker from exposure to inhalation of indoor air for Building 29.

The Owner will be installing a sub-slab depressurization system beneath Building 29 as a vapor intrusion mitigation measure.

4.4.7 Uncertainty Analysis

It should be noted that the above risk estimates are conservative estimates of potential health risks. The EPA and DTSC guidance documents for risk assessment provide a systematic means for organizing, analyzing, and presenting information on the nature and magnitude of risk to public health posed by chemical exposures. Despite the advanced state of current risk assessment methodology, uncertainties and limitations are inherent in the risk assessment process. To minimize the consequences of uncertainty, regulatory guidance typically relies on the use of conservative estimates of adverse health effects in the absence of strong scientific data. Because multiple conservative assumptions are used, the overall risk characterization results are much more likely to overestimate the potential risk rather than to underestimate it.

The risk estimates presented herein are likely overestimates of risk for the following reasons:

- Use of the maximum concentrations for EPCs assumes that a person would be exposed to a maximum concentration during their entire exposure duration, which is unlikely. It is more realistic to assume that a person may be exposed to representative average concentrations. Thus, the use of maximum concentrations overestimates risk. The assumption that each maximum concentration is co-located within the exposure area further contributes to an overestimate of risks.
- It is also assumed that COPC concentrations would remain constant over time. It is more likely that given the natural degradation processes, organic COPC concentrations would decrease over time. Thus, estimated organic COPC intakes would decrease over time, which would result in lower risk estimates than presented herein.
- Conservative assumptions regarding exposure duration were assumed in the HHRA. For instance, it was conservatively assumed that an on-Site landscaper would be at the Site for a period of 100 days a year for 25 years, when it is more realistic that the longest any one particular landscaper would be on Site is significantly less. The shorter the exposure duration the lower the estimated risks.

- This HHRA includes assumptions about general characteristics and potential patterns of human exposure. RME exposures were calculated to provide some measure of the range and uncertainty in potential exposures. The RME case is developed to provide an upper bound on exposure. Because RME estimates are based on a combination of conservative assumptions, the estimates likely overpredict exposures that would generally be encountered. Both the EPA and DTSC publish conservative default exposure assumptions. EPA's default soil adherence factor for the industrial worker (including a utility worker) as identified in the HHRA Note 1 is less conservative then the DTSC soil adherence factor used in this HHRA. The DTSC default industrial worker soil adherence factor is 0.2, while the EPA default adherence factor is 0.12. Using the DTSC value as assumed in this HHRA results in nearly twice the estimated risk than if the EPA default soil adherence factor were used.
- Toxicity values used in risk assessments present overestimates of the potential toxicity of these chemicals to humans. Assumptions used to develop toxicity values include the addition of safety factors to account for uncertainties associated with extrapolating high doses to low doses where chronic environmental exposures would occur and to account for uncertainties associated with the use of laboratory animal studies to assess potential toxicity to human receptors.
- The EPA default sub-slab soil vapor to indoor air attenuation factor was used to estimate indoor air concentrations. EPA based this attenuation factor on the 95th percentile of the attenuation factors derived from indoor air and sub-slab data pairs included in their vapor intrusion database, "EPA's Vapor Intrusion Database: Evaluation and Characterization of Attenuation Factors for Chlorinated Volatile Organic Compounds and Residential Buildings." The data pairs used were solely for chlorinated hydrocarbons in residential settings with more than 75 percent collected within basements where indoor air concentrations would likely be higher than the rest of the home, where there is typically more ventilation. Using this EPA default attenuation likely overestimates indoor air concentrations and estimated risks associated with this pathway for the commercial/industrial worker.

5. Development of Health-Based Remediation Goals

The HBRGs were derived based on the results of the exposure-area-specific HHRAs. Of the two exposure areas at the Site, only the Building 29 exposure area required development of heath-based remediation goals. No HBRGs were required for the Building 99/100 exposure area that includes 360, 364, and 368 Bay Boulevard, because no remediation or mitigation is necessary to protect on-Site receptors regardless of whether or not Buildings 99 and 100 remain.

Health–based remediation goals were derived for soil vapor beneath and adjacent to Building 29 and for soil within the planned loading dock excavation area in the Building 29 exposure area. The calculations presenting the derivation of the HBRGs are presented in the Appendix E.

The COPCs with EPCs that contributed the most to the risk threshold exceedances, referred to as risk drivers, were identified. HBRGs were derived for the chemical risk drivers by lowering the concentrations of these risk drivers for each of the soil vapor samples or soil samples that exceeded risk thresholds until the risk thresholds were met for the receptor. These lowered health protective EPC concentrations for soil vapor and soil, identified as the HBRGs, are listed in Table 11.

The soil vapor locations that exceed the HBRGs are highlighted on Figure 8 and identified below:

- B29-V04/PW-06
- B29-V07
- PW-07
- B29-V09/PW-09
- PW-12
- B29-V16
- PW-14
- B29-V19
- PW-15
- DGA-004
- DGA-007
- DGA-008
- DGA-009
- DGA-011
- DGA-016
- DGA-017
- DGA-019
- DGA-021
- DGA-022

Table 12 summarizes the estimated ILCR and HI for the on-Site commercial/industrial worker at each of these soil vapor locations after the HBRGs have been met.

The soil samples that exceed the HBRG are highlighted on Figure 9 and are identified below:

- B29-23; and
- B29-24.

Table 12 summarizes the estimated ILCR and HI for the on-Site construction worker after the HBRGs have been met.

6. Conclusions and Recommendations

Haley & Aldrich performed this HHRA for Parcel A that includes an evaluation of two exposure areas. One exposure area, the Building 99/100 exposure area is north of G Street and includes Buildings 99/100 and three vacant properties to the north at 360, 364, and 368 Bay Boulevard. Two scenarios are considered for this exposure area: Buildings 99 and 100 remain with continued commercial/industrial use, or Buildings 99 and 100 are razed and along with the vacant properties at 360, 364 and 368 Bay Boulevard are redeveloped as surface parking. The second exposure area, the Building 29 exposure area, is south of G Street and includes Building 29. The northern portion of Building 29 will be demolished and up to approximately 5 feet of soil will be excavated to construct a loading dock adjacent to the building.

The HHRA has been performed in accordance with regulatory guidance and considers the following receptors for each exposure area: on-Site construction worker, landscaper, and commercial/industrial worker. The conclusions for each exposure area are provided below.

6.1 BUILDINGS 99/100 EXPOSURE AREA

The cumulative ILCR for each on-Site receptor for the Buildings 99/100 exposure area, regardless of whether Buildings 99 and 100 remain, is less than the acceptable cumulative ILCR threshold of 1×10^{-5} and the total HI is less than the acceptable total HI of 1. The lead EPC is less than the commercial/industrial DTSC-SL of 500 mg/kg. Based on the results of the HHRA, no remediation or mitigation is necessary to protect the on-Site receptors. Therefore, based on these results, it is requested that the SDRWQCB provide concurrence that no further action is warranted at this time and Rohr has met the requirements of the CAO for this exposure area (that includes 360, 364 and 368 Bay Boulevard).

6.2 BUILDING 29 EXPOSURE AREA

For the on-Site landscaper, the cumulative ILCR is equal to the acceptable cumulative ILCR threshold of 1×10^{-5}, and the total HI is equal to the acceptable total HI of 1. The lead EPC is less than the commercial/industrial DTSC-SL of 500 mg/kg. Remediation or mitigation is therefore not necessary to protect the on-Site landscaper.

Based on sub-slab soil vapor data for the on-Site commercial/industrial worker, the cumulative ILCR is greater than the acceptable cumulative ILCR threshold of 1×10^{-5} and the total HI is greater than the acceptable total HI of 1 for the on-Site commercial/industrial worker. Bromodichloromethane, chloroform, cis-1,2-DCE, PCE, and TCE are driving the risk. HBRGs were derived for these COPCs in soil vapor to reduce estimated health risks for the on-Site commercial/industrial worker from exposure to inhalation of indoor air for Building 29. The soil vapor HBRGs for bromodichloromethane, chloroform, cis-1,2-DCE, PCE, and TCE are 70, 80, 100, 370, and 350 $\mu g/m^3$, respectively. The Owner will be installing a SSDS beneath Building 29 as a vapor intrusion mitigation measure and implementing an RMP.

For the on-Site construction worker, the cumulative ILCR is less than the acceptable cumulative ILCR threshold of 1×10^{-5} and the lead EPC is less that the commercial/industrial DTSC-SL of 500 mg/kg. However, the total HI is greater than the acceptable total HI of 1. Remediation or mitigation is therefore warranted to protect the on-Site construction worker. TCE is driving the risk. A HBRG was derived for TCE in soil to reduce estimated human health risks for the on-Site construction worker during excavation to construct the new loading dock on the north end of Building 29. The HBRG for TCE in this area is 1.5 mg/kg.

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TABLES

TABLE 1

LIST OF CHEMICALS OF POTENTIAL CONCERN

ROHR, INC. - PARCEL A

CHULA VISTA, CALIFORNIA

CHEMICAL	CAS NO.	SOIL	SOIL VAPOR
METALS			
Arsenic	7440-38-2	X	
Barium	7440-39-3	X	
Beryllium	7440-41-7	X	
Copper	7440-50-8	X	
Lead	7439-92-1	X	
Zinc	7440-66-6	X	
POLYCHLORINATED BIPHENYLS			
Aroclor-1242 (PCB-1242)	53469-21-9	X	
Aroclor-1254 (PCB-1254)	11097-69-1	X	
Aroclor-1260 (PCB-1260)	11096-82-5	X	
PESTICIDES			
4,4'-DDD	72-54-8	X	
4,4'-DDE	72-55-9	X	
4,4'-DDT	50-29-3	X	
Chlordane	12789-03-6	X	
Heptachlor epoxide	1024-57-3	X	
SEMIVOLATILE ORGANIC COMPOUNDS			
Acenaphthene	83-32-9	X	
Acenaphthylene	208-96-8	X	
Anthracene	120-12-7	X	
Benzo(a)anthracene	56-55-3	X	
Benzo(a)pyrene	50-32-8	X	
Benzo(b)fluoranthene	205-99-2	X	
Benzo(g,h,i)perylene	191-24-2	X	
Benzo(k)fluoranthene	207-08-9	X	
Chrysene	218-01-9	X	
Dibenz(a,h)anthracene	53-70-3	X	
Dimethyl phthalate	131-11-3	X	
Fluoranthene	206-44-0	X	
Fluorene	86-73-7	X	
Indeno(1,2,3-cd)pyrene	193-39-5	X	
Phenanthrene	85-01-8	X	
Pyrene	129-00-0	X	
VOLATILE ORGANIC COMPOUNDS			
1,1,1-Trichloroethane	71-55-6	X	X
1,1,2-Trichlorotrifluoroethane (F113)	76-13-1		X
1,1-Dichloroethane	75-34-3		X
1,1-Dichloroethene	75-35-4		X
1,1-Difluoroethane	75-37-6		X
1,2,3-Trimethylbenzene	526-73-8	X	
1,2,4-Trimethylbenzene	95-63-6	X	X
1,3,5-Trimethylbenzene	108-67-8	X	X
2-Butanone (Methyl Ethyl Ketone)	78-93-3	X	
2,2,4-Trimethylpentane	540-84-1		X
4-Ethyltoluene	622-96-8		X
4-Isopropyltoluene	99-87-6		X
Acetone	67-64-1	X	X

TABLE 1

LIST OF CHEMICALS OF POTENTIAL CONCERN

ROHR, INC. - PARCEL A

CHULA VISTA, CALIFORNIA

CHEMICAL	CAS NO.	SOIL	SOIL VAPOR
VOLATILE ORGANIC COMPOUNDS			
Benzene	71-43-2	X	X
Benzyl chloride	100-44-7		X
Bromodichloromethane	75-27-4		X
Chloroform (Trichloromethane)	67-66-3	X	X
cis-1,2-Dichloroethene	156-59-2	X	X
Cyclohexane	110-82-7		X
Cymene (p-Isopropyltoluene)	99-87-6	X	
Dibromochloromethane	124-48-1		X
Dichlorodifluoromethane (R12)	75-71-8		X
Ethylbenzene	100-41-4		X
Heptane	142-82-5		X
Isobutane	75-28-5		X
Isopropylbenzene	98-82-8		X
Methyl Tert Butyl Ether	1634-04-4	X	
Methylene chloride	75-09-2	X	
m,p-Xylenes	179601-23-1	X	X
Naphthalene	91-20-3	X	X
n-Butylbenzene	104-51-8	X	
n-Hexane	110-54-3		X
n-Propylbenzene	103-65-1		X
o-Xylene	95-47-6		X
Propylene	115-07-1		X
sec-Butylbenzene	135-98-8		X
Styrene	100-42-5		X
Tetrachloroethene	127-18-4	X	X
Toluene	108-88-3		X
trans-1,2-Dichloroethene	156-60-5	X	X
Trichloroethene	79-01-6	X	X
Trichlorofluoromethane (F11)	75-69-4		X
Vinyl chloride	75-01-4		X

TABLE 2

SUMMARY OF BACKGROUND METALS CONCENTRATIONS - SOIL

ROHR INC. - PARCEL A

CHULA VISTA, CALIFORNIA

	Source: USGS 1984				Source: Kearney Foundation 1996				Source: Cal-EPA 1991				Source: Cal-EPA 1991				Source: Cal-EPA 1991				Source: Cal-EPA 1992				Background Concentration in California	Site Specific Background Metals Concentration
	Western U.S.				California (50 Agricultural Soils Throughout California)				from Bradford et al., 1967 (50 Agricultural Soils Throughout California)				Southern California (69 Pristine Desert Soils and Sediments from the San Gorgonio Pass Area)				Southern California (69 Pristine Desert Soils and Sediments from the Maniobra Valley Area)				Southern California (23 Agricultural and Urban Sites in the Eastern and Southern Los Angeles Area)					
Metals	**Minimum**	**Geometric Mean**	**Arithmetic Mean**	**Maximum**	**Minimum**	**Geometric Mean**	**Arithmetic Mean**	**Maximum**	**Minimum**	**Geometric Mean**	**Arithmetic Mean**	**Maximum**	**Minimum**	**Geometric Mean**	**Arithmetic Mean**	**Maximum**	**Minimum**	**Geometric Mean**	**Arithmetic Mean**	**Maximum**	**Minimum**	**Geometric Mean**	**Arithmetic Mean**	**Maximum**	**Maximum Reported**	
Antimony (Sb)	< 1	0.47	0.62	**2.6**	0.15	0.50	0.60	**1.95**	---	---	---	---	---	---	---	---	---	---	---	---	0.12	---	---	**1.90**	**1.95**	**7.84**
Arsenic (As)	< 0.10	5.5	7.0	**97**	0.6	2.8	3.5	**11.0**	1.4	6.2	7.8	**20.3**	2.0	---	4.6	**9.9**	9.9	---	16.4	**31.2**	1.8	---	---	**15.2**	**31.2**	**8**
Barium (Ba)	70	580	670	**5,000**	133	468	509	**1,400**	1.46	424	463	**974**	151	---	660	**911**	288	---	541	**692**	23	---	---	**560**	**1,400**	**152**
Beryllium (Be)	< 1	0.68	0.97	**15**	0.25	1.14	1.28	**2.70**	---	---	---	---	---	---	---	---	---	---	---	---	< 0.1	---	---	**1.2**	**2.7**	**0.543**
Cadmium (Cd)	---	---	---	---	0.05	0.26	0.36	**1.70**	0.04	0.15	0.19	**1.29**	0.07	---	0.19	**0.42**	0.04	---	0.20	**0.39**	0.05	---	---	**1.45**	**1.7**	**5.29**
Chromium (Cr)	3	41	56	**2,000**	23	76	122	**1,579**	23	76	122	**1,579**	4	---	16	**113**	11	---	24	**39**	5.8	---	---	**32.6**	**1,579**	**38**
Chromium (Hexavalent)					--	--	--	**--**	--	--	--	**--**	--	--	--	**--**	--	--	--	**--**	--	--	--	**--**	**--**	**5.7**
Cobalt (Co)	< 3	7.1	9.0	**50**	2.7	12.6	14.9	**46.9**	2.7	12.6	14.8	**46.9**	1.9	---	5.0	**8.7**	ND	---	9.0	**16.9**	1.6	---	---	**23.2**	**46.9**	**47.2**
Copper (Cu)	2	21	27	**300**	9.1	24.0	28.7	**96.4**	9.9	33	42	**164.6**	6.0	---	14	**258**	13.1	---	24	**35.4**	3.8	---	---	**54.0**	**258**	**20**
Lead (Pb)	< 10	17	20	**700**	12.4	21.7	23.9	**97.1**	8.5	13.8	14.5	**28.7**	7.2	---	17.3	**54.5**	10.4	---	16.9	**20.9**	2.5	---	---	**189.4**	**189.4**	**15**
Mercury (Hg)	< 0.01	0.046	0.065	**4.6**	0.10	0.20	0.26	**0.90**	---	---	---	---	---	---	---	---	---	---	---	---	0.10	---	---	**0.60**	**0.9**	**0.25**
Molybdenum (Mo)	< 3	0.85	1.1	**7**	0.1	0.9	1.3	**9.6**	---	---	---	---	---	---	---	---	---	---	---	---	0.15	---	---	**1.40**	**9.60**	**2.76**
Nickel (Ni)	< 5	15	19	**700**	9	36	57	**509**	9	36	57	**509**	5.4	---	11	**17.3**	9.9	---	18	**25.1**	3.5	---	---	**28.2**	**509**	**83**
Selenium (Se)	< 0.1	0.23	0.34	**4.3**	0.015	0.028	0.058	**0.43**	< 0.1	0.26	0.36	**1.30**	---	---	---	---	---	---	---	---	---	---	---	---	**1.3**	**7.67**
Silver (Ag)	---	---	---	---	0.10	0.41	0.80	**8.30**	---	---	---	---	---	---	---	---	---	---	---	---	0.07	---	---	**0.75**	**8.3**	**10**
Thallium (Th)	2.4	9.1	9.8	**31**	5.3	13.8	15.7	**36.2**	---	---	---	---	---	---	---	---	---	---	---	---	0.05	---	---	**35.0**	**36.2**	**2.2**
Vanadium (V)	7	70	88	**500**	39	101	112	**288**	39	102	112	**288**	45	---	78	**188**	40	---	68	**98**	18	---	---	**84.8**	**288**	**74.4**
Zinc (Zn)	10	55	65	**2,100**	88	145	149	**236**	13	123	139	**354**	ND	---	30	**66**	21	---	45	**109**	10.3	---	---	**247**	**354**	**38**

NOTES:

Concentrations in units of milligrams per kilogram (mg/kg)

--- = Not Evaluated

NA = Not applicable

Background Sources:

USGS 1984: Element Concentrations in Soils and Other Surficial Materials of the Conterminous United States, U.S. Geological Survey Professional Paper 1270 by H.T. Shackette and J. G. Boerngen (Western U.S. Data)

Kearney Foundation 1996: Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California

Cal-EPA 1991: Background Levels of Trace Elements in Southern California Soils, Draft Annual Report, California Environmental Protection Agency, Contract No. 89-T0081 by University of California, Riverside, California, April 1991

Bradford, G.R., R.J. Arkley, P.F. Pratt, and F.L. Blair. 1967. Total Content of Nine Mineral Elements in Fifty Selected Benchmark Soils Profiles of California. Hilgardia 38:541-556.

Cal-EPA 1992: Background Levels of Trace Elements in Southern California Soils, Draft Annual Report, California Environmental Protection Agency, Contract No. 89-T0081 by University of California, Riverside, California, June 1992

TABLE 3
RECEPTOR EXPOSURE ASSUMPTIONS
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

RECEPTOR: FUTURE ON-SITE CONSTRUCTION WORKER

Potentially Complete Pathways:

- Incidental ingestion of vadose zone soil
- Dermal contact with vadose zone soil
- Inhalation of fugitive dust generated from windborne vadose zone soil
- Inhalation of vapors emanating into ambient air from vadose zone soil

PARAMETER	REASONABLE MAXIMUM EXPOSURE (RME)
General Parameters:	
Body Weight (BW)	Value: 80 kg Rationale: Default value; DTSC, 2019
Exposure Frequency (EF)	Value: 8 hrs./day, 250 days/year Rationale: Default value; DTSC, 2019
Exposure Duration (ED)	Value: 1 year Rationale: Default value; DTSC, 2019
Averaging Time (AT)	Value: Carcinogenic Effects: 70 years (25,550 days) Noncarcinogenic Effects: AT = Exposure duration Rationale: Default value; DTSC, 2019; EPA 1997, 2002, 2014
Inhalation of Particulates/VOCs:	
Exposure Time (ET)	Value: 8 hours/day Rationale: Default value; DTSC, 2019; EPA, 2014
Dermal Contact with Soil:	
Soil Adherence Factor (AF)	Value: 0.8 mg/cm^2 Rationale: Default value; DTSC, 2019
Event Frequency (EV)	Value: 1 event/day Rationale: EPA, 2004
Skin Surface Area (SA)	Value: 3,527 cm^2 Rationale: Weighted average of mean values for head, hands, and forearms (male and female, 21+years); EPA, 2014

PARAMETER	REASONABLE MAXIMUM EXPOSURE (RME)
Dermal Absorption Fraction (ABS_d)	Value: Chemical-specific: 0.15 for PAHs; 0.15 for PCBs; 0 for VOCs; 0.1 for other organics; 0.03 for As; 0.001 for Cd; 0.01 for other metals; 0.05 for pesticides. Rationale: Default values; DTSC, 2015, 2019
Incidental Soil Ingestion:	
Ingestion Rate (IR_{soil})	Value: 330 mg/day Rationale: Default value; DTSC, 2019
Relative Absorption Factor (RAF)	Value: 1.0 Rationale: Assumed total dose is absorbed

RECEPTOR: FUTURE ON-SITE LANDSCAPER (INCLUDING UTILITY WORKER)

Potentially Complete Pathways:

- Incidental ingestion of vadose zone soil
- Dermal contact with vadose zone soil
- Inhalation of fugitive dust generated from windborne vadose zone soil
- Inhalation of vapors emanating into ambient air from vadose zone soil

PARAMETER	REASONABLE MAXIMUM EXPOSURE (RME)
General Parameters:	
Body Weight (BW)	Value: 80 kg Rationale: Default value; DTSC, 2019
Exposure Frequency (EF)	Value: 8 hrs./day, 100 days/year (2 days per week for 50 weeks) Rationale: Reasonable assumption for landscapers in southern California
Exposure Duration (ED)	Value: 25 years Rationale: Default value; DTSC, 2019; EPA, 1997, 2002, 2004, 2014
Averaging Time (AT)	Value: Carcinogenic Effects: 70 years (25,550 days) Noncarcinogenic Effects: AT = Exposure duration Rationale: Default value; DTSC, 2019; EPA 1997, 2002, 2014
Inhalation of Particulates/VOCs:	
Exposure Time (ET)	Value: 8 hours/day Rationale: Default value; DTSC, 2019; EPA, 2014

RECEPTOR EXPOSURE ASSUMPTIONS
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

PARAMETER	REASONABLE MAXIMUM EXPOSURE (RME)
Dermal Contact with Soil:	
Soil Adherence Factor (AF)	Value: 0.2 mg/cm^2 * Rationale: Default value; DTSC, 2019; EPA, 2004, 2011, 2014
Event Frequency (EV)	Value: 1 event/day Rationale: EPA, 2004
Skin Surface Area (SA)	Value: 3,527 cm^2 Rationale: Weighted average of mean values for head, hands, and forearms (male and female, 21+years); EPA, 2014
Dermal Absorption Fraction (ABS_d)	Value: Chemical-specific: 0.15 for PAHs; 0.15 for PCBs; 0 for VOCs; 0.1 for other organics; 0.03 for As; 0.001 for Cd; 0.01 for other metals; 0.05 for pesticides. Rationale: Default values; DTSC, 2015, 2019
Incidental Soil Ingestion:	
Ingestion Rate (IR_{soil})	Value: 100 mg/day Rationale: Recommended screening-level value for outdoor workers during landscaping or other soil disturbing activities; EPA, 2002, 2004; DTSC, 2019
Relative Absorption Factor (RAF)	Value: 1.0 Rationale: Assumed total dose is absorbed

* The 0.2 mg/cm^2 soil adherence factor used for the landscaper (including utility worker) is identified in the DTSC Note 1, "2019 DTSC HHRA Note 1, "Recommended DTSC Default Exposure Factors for Use in Risk Assessments at California Hazardous Waste Sites and Permitted Facilities" for an industrial scenario. Additional background regarding this value is provided by the EPA in their July 2004 "Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment)" where they indicate on page 3-17 that "Given that there were data available for a wide variety of activities that a commercial/industrial adult worker may engage in, a high-end soil contact activity was selected and the central tendency weighted AF (50th percentile) derived for that activity. In so doing, the recommended weighted AF for a commercial/industrial adult worker is 0.2 mg/cm^2 and is based on the 50th percentile weighted AF for utility workers (the activity determined to represent a high-end contact activity). The bases for this recommendation are as follows: (1) although no single activity would be representative of activities a commercial/industrial adult worker engages in, a comparison of the utility worker 50th percentile weighted AF with other commercial/industrial-type activities (Exhibit 3-3) shows that the utility worker represents a high-end soil contact activity (i.e., grounds keepers, landscaper/rockery, irrigation installers, gardeners, construction workers); (2) a combination of common sense and data on the weighted AFs supports the assumption that utility worker activities represent a high-end soil contact activity, whereas, determining which of other measured activities might represent a reasonable, central tendency (i.e., typical) soil contact activity would be difficult; and (3) selecting the central tendency weighted AF (i.e., 50th percentile) of a high-end soil contact activity is consistent with a RME for contact rates." It should also be noted that the February 2014 EPA Memorandum, "Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors", the EPA indicates that the previous default soil adherence factor for an outdoor worker is 0.2 mg/cm^2 but the updated default soil adherence factor of an outdoor worker is 0.12 mg/cm^2 . The updated soil adherence factor is reportedly based on the arithmetic mean of weighted average body part-specific mean adherence factors of hands, forearms, and face for adult commercial/industrial activities. The updated factor is lower than the factor proposed for this HHRA. Therefore, based on the above information, the soil adherence factor of 0.2 mg/cm^2 appears to be adequately conservative for the on-Site landscaper (including utility worker) for this HHRA.

RECEPTOR EXPOSURE ASSUMPTIONS
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

RECEPTOR: FUTURE ON-SITE COMMERCIAL/INDUSTRIAL WORKER
Potentially Complete Pathways:

- Inhalation of vapors emanating into indoor air from vadose zone soil and groundwater

PARAMETER	REASONABLE MAXIMUM EXPOSURE (RME)
General Parameters:	
Exposure Frequency (EF)	Value: 250 days/yr (5 days per week for 50 weeks) Rationale: Default value; DTSC, 2019; EPA 1997, 2002, 2014
Exposure Duration (ED)	Value: 25 years Rationale: Default value; DTSC 2019; EPA 1997, 2002, 2004, 2014
Averaging Time (AT)	Value: Carcinogenic Effects: 70 years (25,550 days) Noncarcinogenic Effects: AT = Exposure duration Rationale: Default value; DTSC 2019; EPA 1997, 2002, 2014
Inhalation of VOCs:	
Exposure Time:	Value: 8 hours/day Rationale: Default value; DTSC, 2019; EPA, 2014

REFERENCES:

1. DTSC, 2015. Preliminary Endangerment Assessment Guidance Manual. October.

2. DTSC, 2019. Human Health Risk Assessment (HHRA) Note Number 1, Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities. 9 April.

3. EPA, 1997. Exposure Factors Handbook, Volumes I through III. Office of Research and Development. EPA/600/D-95/002Fa through Fc. August.

4. EPA, 2002. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Office of Solid Waste and Emergency Response. OSWER 9355.4-24. December.

5. EPA, 2004. Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment), Office of Emergency and Remedial Response. July.

6. EPA, 2011. Exposure Factors Handbook: 2011 Edition, EPA/600/R-090/052F, September.

7. EPA, 2014. Human Health Evaluation Manual, Supplemental Guidance: Update of Standard Default Exposure Factors. OSWER Directive 9200.1-120. 6 February.

TABLE 4
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SOIL, BUILDING 99/100 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

CASRN	Chemical Name	Frequency of Detection	Range of Method Detection Limits for Non-Detects	Range of Reporting Limits for Non-Detects	Range of Detected Concentrations	Location	Depth	Metals Background Concentration	95%UCL	EPC	Basis
	Inorganic Compounds (mg/kg)										
7440-36-0	Antimony	2 / 24	0.142 : 0.157	0.714 : 0.789	0.276 - 0.43	BB-20	2.5 - 3 (ft)	7.84	--	--	Within Background
7440-38-2	Arsenic	24 / 24	- -	- -	0.661 - 6.75	BB-19	0.5 - 1 (ft)	8	--	--	Within Background
7440-39-3	Barium	24 / 24	- -	- -	54 - 394	B99-02	3.5 - 4 (ft)	152	--	394	MAX
7440-41-7	Beryllium	24 / 24	- -	- -	0.225 - 1.38	BB-21	0.5 - 1 (ft)	0.543	--	1.38	MAX
7440-43-9	Cadmium	24 / 24	- -	- -	0.298 - 1.35	BB-21	0.5 - 1 (ft)	5.29	--	--	Within Background
7440-47-3	Chromium	24 / 24	- -	- -	9.67 - 22.2	B99-04	2.5 - 3 (ft)	38	--	--	Within Background
7440-48-4	Cobalt	24 / 24	- -	- -	3.74 - 15	B99-02	3.5 - 4 (ft)	47.2	--	--	Within Background
7440-50-8	Copper	24 / 24	- -	- -	3.88 - 28.8	BB-23	0.5 - 1 (ft)	20	--	28.8	MAX
7439-92-1	Lead	24 / 24	- -	- -	2.7 - 42.6	BB-23	0.5 - 1 (ft)	15	--	42.6	MAX
7439-97-6	Mercury	19 / 24	0.00559 : 0.00597	0.0794 : 0.0847	0.007 - 0.106	BB-23	0.5 - 1 (ft)	0.25	--	--	Within Background
7439-98-7	Molybdenum	11 / 24	0.126 : 0.139	0.238 : 0.263	0.147 - 1.04	BB-21	0.5 - 1 (ft)	2.76	--	--	Within Background
7440-02-0	Nickel	24 / 24	- -	- -	4.75 - 13.3	B99-04	0.5 - 1 (ft)	83	--	--	Within Background
7782-49-2	Selenium	8 / 24	0.285 : 0.315	0.714 : 0.789	0.368 - 1.16	BB-19	0.5 - 1 (ft)	7.67	--	--	Within Background
7440-22-4	Silver	1 / 24	0.0816 : 0.0902	0.238 : 0.263	0.185 - 0.185	BB-18	0.5 - 1 (ft)	10	--	--	Within Background
7440-28-0	Thallium	9 / 24	0.144 : 0.16	0.714 : 0.789	0.156 - 0.929	BB-21	0.5 - 1 (ft)	2.2	--	--	Within Background
7440-62-2	Vanadium	24 / 24	- -	- -	23.9 - 67.8	B99-02	3.5 - 4 (ft)	74.4	--	--	Within Background
7440-66-6	Zinc	24 / 24	- -	- -	24.8 - 78.3	BB-23	0.5 - 1 (ft)	38	--	78.3	MAX
	PCBs (mg/kg)										
11097-69-1	Aroclor-1254 (PCB-1254)	1 / 24	0.031 : 0.032	0.05 : 0.05	0.12 - 0.12	BB-17	0.5 - 1 (ft)	--	--	0.12	MAX
11096-82-5	Aroclor-1260 (PCB-1260)	1 / 24	0.03 : 0.031	0.05 : 0.05	0.033 - 0.033	BB-21	0.5 - 1 (ft)	--	--	0.033	MAX
TPCB	Total PCBs	2 / 24	0.021 : 0.043	0.05 : 0.05	0.033 - 0.12	BB-17	0.5 - 1 (ft)	--	--	0.12	MAX
	Pesticides (mg/kg)										
72-54-8	4,4'-DDD	3 / 8	0.0024 : 0.012	0.005 : 0.025	0.0031 - 0.031	B99-04	0.5 - 1 (ft)	--	--	0.031	MAX
72-55-9	4,4'-DDE	7 / 8	0.0022 : 0.0022	0.005 : 0.005	0.0024 - 1	BB-23	0.5 - 1 (ft)	--	--	1	MAX
50-29-3	4,4'-DDT	7 / 8	0.0022 : 0.0022	0.005 : 0.005	0.0027 - 0.23	BB-23	0.5 - 1 (ft)	--	--	0.23	MAX
57-74-9	Chlordane	2 / 8	0.026 : 0.13	0.05 : 0.25	0.03 - 0.033	BB-19	0.5 - 1 (ft)	--	--	0.033	MAX
1024-57-3	Heptachlor epoxide	1 / 8	0.0037 : 0.0037	0.0099 : 0.01	0.022 - 0.022	B99-01	0.5 - 1 (ft)	--	--	0.022	MAX

TABLE 4
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SOIL, BUILDING 99/100 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

CASRN	Chemical Name	Frequency of Detection	Range of Method Detection Limits for Non-Detects	Range of Reporting Limits for Non-Detects	Range of Detected Concentrations	Location	Depth	Metals Background Concentration	95%UCL	EPC	Basis
	Semi-Volatile Organic Compounds (mg/kg)										
83-32-9	Acenaphthene	1 / 7	0.004 : 0.0041	0.015 : 0.015	0.0061 - 0.0061	BB-22	0.5 - 1 (ft)	--	--	0.0061	MAX
208-96-8	Acenaphthylene	1 / 7	0.0042 : 0.0042	0.03 : 0.03	0.011 - 0.011	BB-23	0.5 - 1 (ft)	--	--	0.011	MAX
120-12-7	Anthracene	1 / 7	0.002 : 0.002	0.0099 : 0.01	0.0082 - 0.0082	BB-18	0.5 - 1 (ft)	--	--	0.0082	MAX
56-55-3	Benzo(a)anthracene	4 / 7	0.0025 : 0.0025	0.01 : 0.01	0.0031 - 0.0092	BB-20	0.5 - 1 (ft)	--	--	0.0092	MAX
50-32-8	Benzo(a)pyrene	4 / 7	0.002 : 0.002	0.01 : 0.01	0.0029 - 0.019	BB-18	0.5 - 1 (ft)	--	--	0.019	MAX
205-99-2	Benzo(b)fluoranthene	4 / 7	0.0021 : 0.0021	0.01 : 0.01	0.0054 - 0.021	BB-18	0.5 - 1 (ft)	--	--	0.021	MAX
191-24-2	Benzo(g,h,i)perylene	4 / 7	0.0018 : 0.0018	0.01 : 0.01	0.0035 - 0.028	BB-18	0.5 - 1 (ft)	--	--	0.028	MAX
207-08-9	Benzo(k)fluoranthene	3 / 7	0.0017 : 0.0017	0.01 : 0.01	0.0085 - 0.047	BB-18	0.5 - 1 (ft)	--	--	0.047	MAX
218-01-9	Chrysene	3 / 7	0.0021 : 0.0021	0.01 : 0.01	0.0067 - 0.02	BB-18	0.5 - 1 (ft)	--	--	0.02	MAX
53-70-3	Dibenz(a,h)anthracene	1 / 7	0.0029 : 0.003	0.0099 : 0.01	0.06 - 0.06	BB-18	0.5 - 1 (ft)	--	--	0.06	MAX
206-44-0	Fluoranthene	3 / 7	0.0021 : 0.0021	0.01 : 0.01	0.021 - 0.054	BB-18	0.5 - 1 (ft)	--	--	0.054	MAX
86-73-7	Fluorene	1 / 7	0.0017 : 0.0017	0.0099 : 0.01	0.0038 - 0.0038	BB-22	0.5 - 1 (ft)	--	--	0.0038	MAX
193-39-5	Indeno(1,2,3-cd)pyrene	3 / 7	0.0022 : 0.0022	0.01 : 0.01	0.0046 - 0.11	BB-18	0.5 - 1 (ft)	--	--	0.11	MAX
85-01-8	Phenanthrene	3 / 7	0.0021 : 0.0021	0.01 : 0.01	0.0062 - 0.023	BB-18	0.5 - 1 (ft)	--	--	0.023	MAX
129-00-0	Pyrene	4 / 7	0.0029 : 0.0029	0.01 : 0.01	0.0072 - 0.058	BB-20	0.5 - 1 (ft)	--	--	0.058	MAX
	Volatile Organic Compounds (mg/kg)										
78-93-3	2-Butanone (Methyl Ethyl Ketone)	1 / 24	0.0037 : 0.0039	0.049 : 0.052	0.022 - 0.022	BB-21	0.5 - 1 (ft)	--	--	0.022	MAX
67-64-1	Acetone	1 / 24	0.0061 : 0.0065	0.12 : 0.13	0.076 - 0.076	BB-21	0.5 - 1 (ft)	--	--	0.076	MAX
99-87-6	Cymene (p-Isopropyltoluene)	3 / 24	0.00062 : 0.00066	0.0049 : 0.0052	0.00073 - 0.029	BB-21	0.5 - 1 (ft)	--	--	0.029	MAX
179601-23-1	m,p-Xylenes	1 / 24	0.00026 : 0.00028	0.0049 : 0.0052	0.00076 - 0.00076	B99-02	0.5 - 1 (ft)	--	--	0.00076	MAX

Notes and Abbreviations:
mg/kg = milligrams per kilogram.

TABLE 5
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SOIL, BUILDING 29 EXPOSURE AREA
ROGH INC. - PARCEL A
CHULA VISTA, CALIFORNIA

CASRN	Chemical Name	Frequency of Detection	Range of Method Detection Limits for Non-Detects	Range of Reporting Limits for Non-Detects	Range of Detected Concentrations	Maximum Detected Result		Metals Background Concentration	95%UCL	EPC	Basis
						Location	Depth				
	Metals (mg/kg)										
7440-36-0	Antimony	6 / 46	0.143 : 4.51	0.718 : 10.2	0.208 - 1.18	B29-05	1.5 - 2 (ft)	7.84	--	--	Within Background
7440-38-2	Arsenic	54 / 60	0.248 : 1.13	0.718 : 3.06	1.1 - 24.6	B29-07A	0.5 - 1 (ft)	8	8.56	8.56	95%UCL
7440-39-3	Barium	46 / 46	0.148 : 2.71	0.478 : 3.06	18.4 - 371	B29-03	2.5 - 3 (ft)	152	--	371	MAX
7440-41-7	Beryllium	40 / 46	0.112 : 0.143	0.239 : 0.54	0.152 - 0.627	B29-17	2.5 - 3 (ft)	0.543	0.367	--	Within Background
7440-43-9	Cadmium	42 / 46	0.11 : 0.142	0.45 : 0.54	0.158 - 0.96	PW-07	1.5 - 1.5 (ft)	5.29	--	--	Within Background
7440-47-3	Chromium	46 / 46	0.136 : 0.709	0.239 : 1.1	5.09 - 18.7	NCW-021B	5 (ft)	38	--	--	Within Background
7440-48-4	Cobalt	46 / 46	0.142 : 0.556	0.239 : 1.02	2.71 - 18	B29-15	0.5 - 1 (ft)	47.2	--	--	Within Background
7440-50-8	Copper	46 / 46	0.129 : 0.901	0.478 : 2.04	2.8 - 42.1	B29-15	2.5 - 3 (ft)	20	--	42.1	MAX
7439-92-1	Lead	46 / 46	0.126 : 0.657	0.478 : 2.04	1.6 - 41	B29-20	0.5 - 1 (ft)	15	--	41	MAX
7439-97-6	Mercury	29 / 46	0.00559 : 0.0135	0.0794 : 0.14	0.00562 - 0.0515	B29-10	0.5 - 1 (ft)	0.25	--	--	Within Background
7439-98-7	Molybdenum	10 / 46	0.126 : 0.627	0.239 : 2.04	0.143 - 0.851	B29-05	1.5 - 2 (ft)	2.76	--	--	Within Background
7440-02-0	Nickel	46 / 46	0.139 : 0.47	0.239 : 2.04	2.94 - 9.63	B29-17	2.5 - 3 (ft)	83	--	--	Within Background
7782-49-2	Selenium	13 / 46	0.287 : 1.08	0.718 : 3.2	0.307 - 1.14	B29-21	0.5 - 1 (ft)	7.67	--	--	Within Background
7440-22-4	Silver	3 / 46	0.082 : 0.582	0.239 : 1.53	0.106 - 0.414	B29-15	0.5 - 1 (ft)	10	--	--	Within Background
7440-28-0	Thallium	17 / 46	0.145 : 5.95	0.718 : 10.2	0.168 - 0.488	B29-09	0.5 - 1 (ft)	2.2	--	--	Within Background
7440-62-2	Vanadium	46 / 46	0.135 : 0.688	0.239 : 1.1	16.6 - 61.9	NCW-021B	5 (ft)	74.4	--	--	Within Background
7440-66-6	Zinc	46 / 46	0.17 : 4.03	0.957 : 5.4	13.7 - 255	B29-20	0.5 - 1 (ft)	38	--	255	MAX
	PCBs (mg/kg)										
TOTALPCB	Total PCBs	10 / 82	0.00537 : 0.15	0.017 : 0.25	0.00566 - 1.3	B29-05	1.5 - 2 (ft)	--	0.087	0.087	95%UCL
	PEST (mg/kg)										
50-29-3	4,4'-DDT	1 / 11	0.0022 : 0.0022	0.005 : 0.005	0.021 - 0.021	B29-05	1.5 - 2 (ft)	--	--	0.021	MAX
	SVOCs (mg/kg)										
83-32-9	Acenaphthene	1 / 17	0.004 : 0.32	0.015 : 2.5	0.028 - 0.028	B29-06	0.5 - 1 (ft)	--	--	0.028	MAX
208-96-8	Acenaphthylene	1 / 17	0.0041 : 0.3	0.03 : 2.5	0.015 - 0.015	B29-06	0.5 - 1 (ft)	--	--	0.015	MAX
120-12-7	Anthracene	1 / 17	0.002 : 0.32	0.0099 : 2.5	0.0075 - 0.0075	B29-05	1.5 - 2 (ft)	--	--	0.0075	MAX
56-55-3	Benzo(a)anthracene	1 / 17	0.0024 : 0.28	0.0099 : 2.5	0.008 - 0.008	B29-05	1.5 - 2 (ft)	--	--	0.008	MAX
50-32-8	Benzo(a)pyrene	6 / 17	0.002 : 0.27	0.0099 : 2.5	0.01 - 0.048	B29-12	0.5 - 1 (ft)	--	--	0.048	MAX
205-99-2	Benzo(b)fluoranthene	7 / 17	0.0021 : 0.32	0.0099 : 2.5	0.0041 - 0.071	B29-12	0.5 - 1 (ft)	--	--	0.071	MAX
191-24-2	Benzo(g,h,i)perylene	4 / 17	0.0018 : 0.28	0.0099 : 2.5	0.014 - 0.026	B29-07	0.5 - 1 (ft)	--	--	0.026	MAX
207-08-9	Benzo(k)fluoranthene	6 / 17	0.0017 : 0.32	0.0099 : 2.5	0.025 - 0.11	B29-06	0.5 - 1 (ft)	--	--	0.11	MAX
218-01-9	Chrysene	3 / 17	0.002 : 0.32	0.0099 : 2.5	0.0025 - 0.016	B29-05	1.5 - 2 (ft)	--	--	0.016	MAX
53-70-3	Dibenz(a,h)anthracene	2 / 17	0.0029 : 0.23	0.0099 : 2.5	0.19 - 0.63	B29-12	0.5 - 1 (ft)	--	--	0.63	MAX

TABLE 5
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SOIL, BUILDING 29 EXPOSURE AREA
ROGH INC. - PARCEL A
CHULA VISTA, CALIFORNIA

CASRN	Chemical Name	Frequency of Detection	Range of Method Detection Limits for Non-Detects	Range of Reporting Limits for Non-Detects	Range of Detected Concentrations	Maximum Detected Result		Metals Background Concentration	95%UCL	EPC	Basis
						Location	Depth				
	SVOCs (mg/kg)										
131-11-3	Dimethyl phthalate	1 / 7	0.11 : 0.57	0.5 : 2.5	0.25 - 0.25	B29-11	0.5 - 1 (ft)	--	--	0.25	MAX
206-44-0	Fluoranthene	1 / 17	0.0021 : 0.31	0.0099 : 2.5	0.12 - 0.12	B29-05	1.5 - 2 (ft)	--	--	0.12	MAX
86-73-7	Fluorene	1 / 17	0.0017 : 0.32	0.0099 : 2.5	0.0034 - 0.0034	B29-06	0.5 - 1 (ft)	--	--	0.0034	MAX
193-39-5	Indeno(1,2,3-cd)pyrene	2 / 17	0.0022 : 0.27	0.0099 : 2.5	0.33 - 0.72	B29-12	0.5 - 1 (ft)	--	--	0.72	MAX
85-01-8	Phenanthrene	4 / 17	0.0021 : 0.34	0.0099 : 2.5	0.0022 - 0.045	B29-05	1.5 - 2 (ft)	--	--	0.045	MAX
129-00-0	Pyrene	5 / 17	0.0029 : 0.38	0.0099 : 2.5	0.0037 - 0.029	B29-05	1.5 - 2 (ft)	--	--	0.029	MAX
	VOCs (mg/kg)										
71-55-6	1,1,1-Trichloroethane	1 / 152	0.00022 : 0.000278	0.00097 : 0.0071	0.000525 - 0.000525	B29-32C	0.5 - 1 (ft)	--	--	0.000525	MAX
526-73-8	1,2,3-Trimethylbenzene	3 / 44	0.00115 : 0.00116	0.005 : 0.00505	0.00124 - 0.00788	B29-33B	1.5 - 5 (ft)	--	--	0.00788	MAX
95-63-6	1,2,4-Trimethylbenzene	6 / 152	0.00056 : 0.00117	0.0019 : 0.0071	0.00117 - 0.0052	B29-21	0.5 - 1 (ft)	--	--	0.0052	MAX
108-67-8	1,3,5-Trimethylbenzene	2 / 152	0.00026 : 0.00109	0.0019 : 0.0071	0.0018 - 0.00183	B29-33B	1.5 - 5 (ft)	--	--	0.00183	MAX
78-93-3	2-Butanone (Methyl Ethyl Ketone)	42 / 152	0.0036 : 0.0126	0.019 : 0.14	0.0158 - 0.0631	B29-33B	1.5 - 5 (ft)	--	--	0.0631	MAX
67-64-1	Acetone	16 / 152	0.006 : 0.0138	0.019 : 0.14	0.0069 - 0.21	PW-11	1.5 - 1.5 (ft)	--	--	0.21	MAX
71-43-2	Benzene	2 / 152	0.00012 : 0.000404	0.00097 : 0.0071	0.0004 - 0.000725	B29-32C	0.5 - 1 (ft)	--	--	0.000725	MAX
67-66-3	Chloroform (Trichloromethane)	16 / 152	0.00023 : 0.00059	0.00097 : 0.0071	0.000441 - 0.019	B29-24	0.5 - 1 (ft)	--	--	0.019	MAX
156-59-2	cis-1,2-Dichloroethene	5 / 152	0.00027 : 0.000697	0.00097 : 0.0071	0.00032 - 0.0274	B29-35C	4.5 - 5 (ft)	--	--	0.0274	MAX
99-87-6	Cymene (p-Isopropyltoluene)	1 / 152	0.00027 : 0.00235	0.00097 : 0.0071	0.00066 - 0.00066	B29-21	0.5 - 1 (ft)	--	--	0.00066	MAX
1634-04-4	Methyl Tert Butyl Ether (MTBE)	1 / 152	0.00018 : 0.00031	0.001 : 0.0071	0.000675 - 0.000675	B29-27	4.5 - 5 (ft)	--	--	0.000675	MAX
75-09-2	Methylene chloride (Dichlorometha	3 / 152	0.0013 : 0.00671	0.0042 : 0.052	0.00913 - 0.0104	B29-29	4.5 - 5 (ft)	--	--	0.0104	MAX
91-20-3	Naphthalene	1 / 152	0.00078 : 0.0052	0.0042 : 0.052	0.0113 - 0.0113	B29-33B	1.5 - 5 (ft)	--	--	0.0113	MAX
104-51-8	n-Butylbenzene	1 / 152	0.00015 : 0.00388	0.00097 : 0.0126	0.00067 - 0.00067	B29-21	0.5 - 1 (ft)	--	--	0.00067	MAX
127-18-4	Tetrachloroethene	16 / 152	0.0002 : 0.000707	0.00097 : 0.0071	0.00054 - 1.26	B29-28	0.5 - 1 (ft)	--	--	1.26	MAX
156-60-5	trans-1,2-Dichloroethene	1 / 152	0.00029 : 0.00144	0.00097 : 0.0071	0.0018 - 0.0018	B29-23	0.5 - 1 (ft)	--	--	0.0018	MAX
79-01-6	Trichloroethene	40 / 152	0.00029 : 0.077	0.001 : 0.4	0.00064 - 37.8	B29-23	0.5 - 1 (ft)	--	0.035	0.035	95%UCL

NOTES AND ABBREVIATIONS:
Detected VOCs and SVOCs are shown.
mg/kg = milligrams per kilogram.
The total PCB concentration was calculated as the addition of detected concentrations of Aroclor 1242, 1254, and 1260 for each sample and these total PCB concentrations were then used to derive the 95% Upper Confidence Limit concentration of the mean which was used as the exposure point concentration (presented in the table above and in the Appendix D risk assessment calculations as Aroclor 1254).

TABLE 6
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SOIL, BUILDING 29 EXPOSURE AREA (PLANNED LOADING DOCK EXCAVATION AREA ONLY)
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

CASRN	Chemical Name	Frequency of Detection	Range of Method Detection Limits for Non-Detects	Range of Reporting Limits for Non-Detects	Range of Detected Concentrations	Maximum Detected Result		Metals Background Concentration	95%UCL	EPC	Basis
						Location	Depth				
	Metals (mg/kg)										
7440-36-0	Antimony	1 / 5	0.145 : 0.156	0.728 : 3.2	1.18 - 1.18	B29-05	1.5 - 2 (ft)	7.84	--	--	Within Background
7440-38-2	Arsenic	5 / 5	0.252 : 0.271	0.728 : 1.1	2.02 - 5.7	PW-07	1.5 - 1.5 (ft)	8	--	--	Within Background
7440-39-3	Barium	5 / 5	0.15 : 0.162	0.485 : 1.1	44.5 - 71.6	B29-06	0.5 - 1 (ft)	152	--	--	Within Background
7440-41-7	Beryllium	4 / 5	0.133 : 0.143	0.243 : 0.53	0.168 - 0.395	B29-06	0.5 - 1 (ft)	0.543	--	--	Within Background
7440-43-9	Cadmium	5 / 5	0.131 : 0.142	0.485 : 0.53	0.287 - 0.96	PW-07	1.5 - 1.5 (ft)	5.29	--	--	Within Background
7440-47-3	Chromium	5 / 5	0.138 : 0.149	0.243 : 1.1	8.14 - 16	B29-06	0.5 - 1 (ft)	38	--	--	Within Background
7440-48-4	Cobalt	5 / 5	0.144 : 0.155	0.243 : 0.53	4.55 - 9.87	B29-06	0.5 - 1 (ft)	47.2	--	--	Within Background
7440-50-8	Copper	5 / 5	0.131 : 0.141	0.485 : 1.1	8.32 - 41	PW-07	1.5 - 1.5 (ft)	20	--	41	Max
7439-92-1	Lead	5 / 5	0.128 : 0.138	0.485 : 1.1	4.92 - 26	PW-07	1.5 - 1.5 (ft)	15	--	26	Max
7439-97-6	Mercury	4 / 5	0.00559 : 0.00578	0.0794 : 0.13	0.00779 - 0.0357	B29-06	4.5 - 5 (ft)	0.25	--	--	Within Background
7439-98-7	Molybdenum	2 / 5	0.128 : 0.138	0.243 : 1.1	0.219 - 0.851	B29-05	1.5 - 2 (ft)	2.76	--	--	Within Background
7440-02-0	Nickel	5 / 5	0.141 : 0.152	0.243 : 1.1	6.32 - 8.88	B29-06	0.5 - 1 (ft)	83	--	--	Within Background
7782-49-2	Selenium	2 / 5	0.291 : 0.314	0.728 : 3.2	0.516 - 0.643	B29-05	4.5 - 5 (ft)	7.67	--	--	Within Background
7440-62-2	Vanadium	5 / 5	0.137 : 0.148	0.243 : 1.1	19.5 - 46.4	B29-06	0.5 - 1 (ft)	74.4	--	--	Within Background
7440-66-6	Zinc	5 / 5	0.172 : 0.186	0.971 : 5.3	23.9 - 51	PW-07	1.5 - 1.5 (ft)	38	--	51	Max
	PCBs (mg/kg)										
TOTALPCB	Total PCBs	6 / 17	0.00537 : 0.15	0.017 : 0.25	0.00566 - 1.3	B29-05	1.5 - 2 (ft)	--	--	1.3	Max
	PEST (mg/kg)										
50-29-3	4,4'-DDT	1 / 1	0.0022 : 0.0022	0.005 : 0.005	0.021 - 0.021	B29-05	1.5 - 2 (ft)	--	--	0.021	Max
	SVOCs (mg/kg)										
83-32-9	Acenaphthene	1 / 3	0.004 : 0.32	0.015 : 2.5	0.028 - 0.028	B29-06	0.5 - 1 (ft)	--	--	0.028	Max
208-96-8	Acenaphthylene	1 / 3	0.0041 : 0.3	0.03 : 2.5	0.015 - 0.015	B29-06	0.5 - 1 (ft)	--	--	0.015	Max
120-12-7	Anthracene	1 / 3	0.002 : 0.31	0.0099 : 2.5	0.0075 - 0.0075	B29-05	1.5 - 2 (ft)	--	--	0.0075	Max
56-55-3	Benzo(a)anthracene	1 / 3	0.0024 : 0.28	0.0099 : 2.5	0.008 - 0.008	B29-05	1.5 - 2 (ft)	--	--	0.008	Max
50-32-8	Benzo(a)pyrene	2 / 3	0.002 : 0.27	0.0099 : 2.5	0.016 - 0.02	B29-06	0.5 - 1 (ft)	--	--	0.02	Max
205-99-2	Benzo(b)fluoranthene	2 / 3	0.0021 : 0.32	0.0099 : 2.5	0.017 - 0.018	B29-05	1.5 - 2 (ft)	--	--	0.018	Max
191-24-2	Benzo(g,h,i)perylene	1 / 3	0.0018 : 0.27	0.0099 : 2.5	0.014 - 0.014	B29-06	0.5 - 1 (ft)	--	--	0.014	Max
207-08-9	Benzo(k)fluoranthene	2 / 3	0.0017 : 0.32	0.0099 : 2.5	0.025 - 0.11	B29-06	0.5 - 1 (ft)	--	--	0.11	Max
218-01-9	Chrysene	2 / 3	0.002 : 0.32	0.0099 : 2.5	0.0025 - 0.016	B29-05	1.5 - 2 (ft)	--	--	0.016	Max
206-44-0	Fluoranthene	1 / 3	0.0021 : 0.31	0.0099 : 2.5	0.12 - 0.12	B29-05	1.5 - 2 (ft)	--	--	0.12	Max
86-73-7	Fluorene	1 / 3	0.0017 : 0.32	0.0099 : 2.5	0.0034 - 0.0034	B29-06	0.5 - 1 (ft)	--	--	0.0034	Max
85-01-8	Phenanthrene	1 / 3	0.0021 : 0.34	0.0099 : 2.5	0.045 - 0.045	B29-05	1.5 - 2 (ft)	--	--	0.045	Max
129-00-0	Pyrene	2 / 3	0.0029 : 0.38	0.0099 : 2.5	0.01 - 0.029	B29-05	1.5 - 2 (ft)	--	--	0.029	Max

TABLE 6
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SOIL, BUILDING 29 EXPOSURE AREA (PLANNED LOADING DOCK EXCAVATION AREA ONLY)
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

CASRN	Chemical Name	Frequency of Detection	Range of Method Detection Limits for Non-Detects	Range of Reporting Limits for Non-Detects	Range of Detected Concentrations	Maximum Detected Result		Metals Background Concentration	95%UCL	EPC	Basis
						Location	Depth				
	VOCs (mg/kg)										
71-55-6	1,1,1-Trichloroethane	1 / 33	0.00022 : 0.000278	0.00098 : 0.0057	0.000525 - 0.000525	B29-32C	0.5 - 1 (ft)	--	--	0.000525	Max
526-73-8	1,2,3-Trimethylbenzene	1 / 20	0.00115 : 0.00116	0.005 : 0.00505	0.00125 - 0.00125	B29-26	0.5 - 1 (ft)	--	--	0.00125	Max
95-63-6	1,2,4-Trimethylbenzene	3 / 33	0.00057 : 0.00117	0.002 : 0.0057	0.00117 - 0.00303	B29-26	0.5 - 1 (ft)	--	--	0.00303	Max
78-93-3	2-Butanone (Methyl Ethyl Ketone)	19 / 33	0.0037 : 0.0126	0.02 : 0.11	0.0158 - 0.0455	B29-25	4.5 - 5 (ft)	--	--	0.0455	Max
67-64-1	Acetone	2 / 33	0.0061 : 0.0138	0.02 : 0.13	0.022 - 0.15	PW-07	1.5 - 1.5 (ft)	--	--	0.15	Max
71-43-2	Benzene	2 / 33	0.00013 : 0.000404	0.00098 : 0.0057	0.0004 - 0.000725	B29-32C	0.5 - 1 (ft)	--	--	0.000725	Max
67-66-3	Chloroform (Trichloromethane)	14 / 33	0.00023 : 0.00059	0.00098 : 0.0057	0.0005 - 0.019	B29-24	0.5 - 1 (ft)	--	--	0.019	Max
156-59-2	cis-1,2-Dichloroethene	1 / 33	0.00027 : 0.000697	0.00098 : 0.0057	0.00153 - 0.00153	B29-23	0.5 - 1 (ft)	--	--	0.00153	Max
1634-04-4	Methyl Tert Butyl Ether (MTBE)	1 / 33	0.00018 : 0.0003	0.001 : 0.0057	0.000675 - 0.000675	B29-27	4.5 - 5 (ft)	--	--	0.000675	Max
75-09-2	Methylene chloride (Dichloromethane)	2 / 33	0.0013 : 0.00671	0.0057 : 0.051	0.00913 - 0.00953	B29-32A	4.5 - 5 (ft)	--	--	0.00953	Max
127-18-4	Tetrachloroethene	11 / 33	0.0002 : 0.000707	0.00098 : 0.0057	0.0011 - 1.26	B29-28	0.5 - 1 (ft)	--	--	1.26	Max
156-60-5	trans-1,2-Dichloroethene	1 / 33	0.00029 : 0.00144	0.00098 : 0.0057	0.0018 - 0.0018	B29-23	0.5 - 1 (ft)	--	--	0.0018	Max
79-01-6	Trichloroethene	23 / 33	0.00029 : 0.077	0.001 : 0.4	0.00228 - 37.8	B29-23	0.5 - 1 (ft)	--	8.83	8.83	95%UCL

NOTES AND ABBREVIATIONS:

Detected VOCs and SVOCs are shown.

mg/kg = milligrams per kilogram.

The total PCB concentration was calculated as the addition of detected concentrations of Aroclor 1242, 1254, and 1260 for each sample and these total PCB concentrations were then used to derive the 95% Upper Confidence Limit concentration of the mean which was used as the exposure point concentration (presented in the table above and in the Appendix D risk assessment calculations as Aroclor 1254).

TABLE 7
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 99/100 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Exposure Area	Building 99/100 Exposure Area									
Location	**B99-V01**	**B99-V02**	**B99-V03**	**B99-V04**	**B99-V05**	**B99-V06**	**B100-V01**	**B100-V02**	**B100-V03**	**B100-V03**
Sample Name	**B99-SV01-1'**	**B99-SV02-1'**	**B99-SV03-1'**	**B99-SV04-1'**	**B99-SV05-1'**	**B99-SV06-1'**	**B100-SV01-1'**	**B100-SV02-1'**	**B100-SV03-1' Rep**	**B100-SV03-1'**
Sample Date	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**
Sample Depth	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**
VOCs (µg/m3)										
1,1,1,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane	< 28	< 28	< 28	< 28	< 28	< 28	< 28	< 28	< 28	< 28
1,1,2,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55
1,1-Dichloroethane	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
1,1-Dichloroethene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,1-Difluoroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
1,2,3-Trichloropropane	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dibromoethane (Ethylene Dibromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,2-Dichloroethane	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
1,2-Dichloropropane	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Butadiene	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60
2-Hexanone	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
2-Phenylbutane (sec-Butylbenzene)	-	-	-	-	-	-	-	-	-	-
4-Ethyl toluene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
Acetone	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-
Benzene	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16
Benzyl Chloride	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68
Bromoform	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
Carbon disulfide	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32
Carbon tetrachloride	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Chlorobenzene	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23
Chloroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
Chloroform (Trichloromethane)	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Chloromethane (Methyl Chloride)	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21

TABLE 7
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 99/100 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Exposure Area	Building 99/100 Exposure Area									
Location	**B99-V01**	**B99-V02**	**B99-V03**	**B99-V04**	**B99-V05**	**B99-V06**	**B100-V01**	**B100-V02**	**B100-V03**	**B100-V03**
Sample Name	**B99-SV01-1'**	**B99-SV02-1'**	**B99-SV03-1'**	**B99-SV04-1'**	**B99-SV05-1'**	**B99-SV06-1'**	**B100-SV01-1'**	**B100-SV02-1'**	**B100-SV03-1' Rep**	**B100-SV03-1'**
Sample Date	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**	**5/25/2018**
Sample Depth	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**
VOCs (µg/m3)										
cis-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
cis-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Cyclohexane	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86
Dichlorodifluoromethane (CFC-12)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethyl acetate	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Hexachlorobutadiene	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110
Hexane	-	-	-	-	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	-	-	-	-	-	-	-
m,p-Xylenes	< 44	< 44	< 44	< 44	< 44	< 44	< 44	< 44	< 44	< 44
Methyl Tert Butyl Ether	-	-	-	-	-	-	-	-	-	-
Methylene chloride	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35
Naphthalene	-	-	-	-	-	-	-	-	-	-
N-Heptane	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	-	-	-	-	-	-	-	-	-	-
o-Xylene	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Propylene (Propene)	-	-	-	-	-	-	-	-	-	-
Styrene	**80**	**61**	**64**	< 43	**82**	**63**	< 43	**69**	< 43	< 43
Tetrachloroethene	< 34	< 34	< 34	< 34	< 34	< 34	< 34	< 34	< 34	< 34
Tetrahydrofuran	-	-	-	-	-	-	-	-	-	-
Toluene	< 38	< 38	< 38	< 38	< 38	< 38	< 38	< 38	< 38	< 38
trans-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Trichloroethene	< 27	< 27	< 27	< 27	**32**	< 27	**30**	< 27	< 27	< 27
Trichlorofluoromethane (CFC-11)	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77
Vinyl acetate	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13

NOTES AND ABBREVIATIONS:

Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE 8

SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA

ROHR INC. - PARCEL A

CHULA VISTA, CALIFORNIA

Location	B29-V04	B29-V05	B29-V06	B29-V07	B29-V08	B29-V09	B29-V10	B29-V11	B29-V12	B29-V13	B29-V14
Sample Name	B29-SV04-1'	B29-V05-1'	B29-SV06-1'	B29-SV07-1'	B29-SV08-1'	B29-V09-1'	B29-V10-1'	B29-V11-1'	B29-V12-1'	B29-V13-1'	B29-V14-1'
Sample Date	05/23/2018	05/22/2018	05/23/2018	05/23/2018	05/24/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018
Sample Depth (bgs)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)
Volatile Organic Compounds (µg/m3)											
1,1,1,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane	< 28	**46**	< 28	< 28	< 28	**110**	< 28	< 28	< 28	< 28	**46**
1,1,2,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55
1,1-Dichloroethane	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
1,1-Dichloroethene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,1-Dichloropropene	-	-	-	-	-	-	-	-	-	-	-
1,1-Difluoroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
1,2,3-Trichlorobenzene	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,2-Dichloroethane	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
1,2-Dichloropropane	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Butadiene	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,3-Dichloropropane	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60
2-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
2-Phenylbutane (sec-Butylbenzene)	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
Acetone	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-
Benzene	< 16	**27**	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16
Benzyl Chloride (alpha-Chlorotoluene)	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68
Bromoform	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
Carbon disulfide	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32
Carbon tetrachloride	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Chlorobenzene	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23
Chlorobromomethane	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27

TABLE 8
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-V04	B29-V05	B29-V06	B29-V07	B29-V08	B29-V09	B29-V10	B29-V11	B29-V12	B29-V13	B29-V14
Sample Name	B29-SV04-1'	B29-V05-1'	B29-SV06-1'	B29-SV07-1'	B29-SV08-1'	B29-V09-1'	B29-V10-1'	B29-V11-1'	B29-V12-1'	B29-V13-1'	B29-V14-1'
Sample Date	05/23/2018	05/22/2018	05/23/2018	05/23/2018	05/24/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018
Sample Depth (bgs)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)
Volatile Organic Compounds (µg/m3)											
Chloroform (Trichloromethane)	< 25	< 25	< 25	**240**	< 25	**170**	< 25	< 25	< 25	< 25	< 25
Chloromethane (Methyl Chloride)	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
cis-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
cis-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Cyclohexane	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86
Dibromomethane	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethyl acetate	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	< 22	**47**	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Hexachlorobutadiene	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110
Hexane	-	-	-	-	-	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	-	-	-	-	-	-	-	-
m,p-Xylenes	< 44	**190**	< 44	**88**	< 44	< 44	< 44	< 44	< 44	< 44	< 44
Methyl Tert Butyl Ether (MTBE)	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride (Dichloromethane)	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	-	-	-	-	-	-	-	-	-	-	-
N-Heptane	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	< 22	**53**	< 22	**31**	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Propylene (Propene)	-	-	-	-	-	-	-	-	-	-	-
Styrene	< 43	< 43	**110**	< 43	**52**	**52**	**92**	**66**	**53**	**74**	**65**
tert-Butylbenzene	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	**210**	**220**	< 34	**2200**	**80**	< 34	< 34	< 34	< 34	< 34	< 34
Tetrahydrofuran	-	-	-	-	-	-	-	-	-	-	-
Toluene	< 38	**180**	**44**	**46**	< 38	< 38	< 38	< 38	< 38	< 38	< 38
trans-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Trichloroethene	**7500**	< 27	< 27	**7800**	**130**	**11000**	**120**	< 27	< 27	< 27	< 27
Trichlorofluoromethane (CFC-11)	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE 8
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-V15	B29-V16	B29-V17	B29-V18	B29-V18	B29-V19	DGA-003	DGA-004	DGA-007	DGA-008	DGA-009
Sample Name	B29-V15-1'	B29-V16-1'	B29-V17-1'	B29-V18-1'	B29-V18-1' Rep	B29-V19-1'	DGA-003-2-SG	DGA-004-1-SG	DGA-007-2-SG	DGA-008-2-SG	DGA-009-2-SG
Sample Date	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	03/08/2022	03/08/2022	03/10/2022	03/08/2022	03/09/2022
Sample Depth (bgs)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	2 (ft)	1 (ft)	2 (ft)	2 (ft)	2 (ft)
Volatile Organic Compounds (µg/m3)											
1,1,1,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	< 28	**790**	< 28	< 28	< 28	**480**	< 100	**2000**	**3300**	< 100	< 100
1,1,2,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 100	< 100	< 100	< 100	< 100
1,1,2-Trichloroethane	< 55	< 55	< 55	< 55	< 55	< 55	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethane	< 41	< 41	< 41	< 41	< 41	**53**	< 100	**430**	< 100	< 100	**120**
1,1-Dichloroethene	< 20	< 20	< 20	< 20	< 20	< 20	< 100	< 100	**150**	< 100	< 100
1,1-Dichloropropene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
1,1-Difluoroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 100	< 100	< 100	**110**	< 100
1,2,3-Trichlorobenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
1,2,4-Trichlorobenzene	< 75	< 75	< 75	< 75	< 75	< 75	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	-	-	-	< 1000	< 1000	< 1000	< 1000	< 1000
1,2-Dibromoethane (Ethylene Dibromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	< 21	< 21	< 21	< 21	< 21	< 21	< 20	< 20	< 20	< 20	< 20
1,2-Dichloropropane	< 47	< 47	< 47	< 47	< 47	< 47	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorotetrafluoroethane (CFC 114)	< 71	< 71	< 71	< 71	< 71	< 71	-	-	-	-	-
1,3,5-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 100	< 100	< 100
1,3-Butadiene	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 100	< 100	< 100	< 100	< 100
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
2-Butanone (Methyl Ethyl Ketone)	< 60	< 60	< 60	< 60	< 60	< 60	-	-	-	-	-
2-Chlorotoluene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
2-Hexanone (Methyl Butyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
4-Chlorotoluene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	< 50	< 50	< 50	< 50	< 50	< 50	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	-	-	-	-	-
Acetone	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-
Benzene	< 16	< 16	< 16	< 16	< 16	< 16	**20**	**24**	**36**	< 20	**34**
Benzyl Chloride (alpha-Chlorotoluene)	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	< 68	< 68	< 68	< 68	< 68	< 68	< 100	< 100	< 100	< 100	< 100
Bromoform	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 100	< 100	< 100	< 100	< 100
Carbon disulfide	< 32	< 32	< 32	< 32	< 32	< 32	-	-	-	-	-
Carbon tetrachloride	< 13	< 13	< 13	< 13	< 13	< 13	< 20	< 20	< 20	< 20	< 20
Chlorobenzene	< 23	< 23	< 23	< 23	< 23	< 23	< 20	< 20	< 20	< 20	< 20
Chlorobromomethane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Chloroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 100	< 100	< 100	< 100	< 100

TABLE 8
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-V15	B29-V16	B29-V17	B29-V18	B29-V18	B29-V19	DGA-003	DGA-004	DGA-007	DGA-008	DGA-009
Sample Name	B29-V15-1'	B29-V16-1'	B29-V17-1'	B29-V18-1'	B29-V18-1' Rep	B29-V19-1'	DGA-003-2-SG	DGA-004-1-SG	DGA-007-2-SG	DGA-008-2-SG	DGA-009-2-SG
Sample Date	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	03/08/2022	03/08/2022	03/10/2022	03/08/2022	03/09/2022
Sample Depth (bgs)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	2 (ft)	1 (ft)	2 (ft)	2 (ft)	2 (ft)
Volatile Organic Compounds (µg/m3)											
Chloroform (Trichloromethane)	< 25	< 25	< 25	< 25	< 25	< 25	< 20	**80**	**120**	< 20	< 20
Chloromethane (Methyl Chloride)	< 21	< 21	< 21	< 21	< 21	< 21	< 100	< 100	< 100	< 100	< 100
cis-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	**1300**	< 100	**5800**	< 100	< 100	**17000**
cis-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 100	< 100	< 100	< 100	< 100
Cyclohexane	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Dibromochloromethane	< 86	< 86	< 86	< 86	< 86	< 86	< 100	< 100	< 100	< 100	< 100
Dibromomethane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane (CFC-12)	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 100	< 100	< 100
Ethyl acetate	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	< 22	< 22	< 22	< 22	< 22	< 22	< 100	< 100	< 100	< 100	< 100
Hexachlorobutadiene	< 110	< 110	< 110	< 110	< 110	< 110	< 100	< 100	< 100	< 100	< 100
Hexane	-	-	-	-	-	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
m,p-Xylenes	< 44	< 44	< 44	< 44	< 44	< 44	< 100	< 100	< 100	< 100	< 100
Methyl Tert Butyl Ether (MTBE)	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Methylene chloride (Dichloromethane)	< 35	< 35	< 35	< 35	< 35	< 35	< 100	< 100	< 100	< 100	< 100
Naphthalene	-	-	-	-	-	-	< 20	< 20	< 20	< 20	< 20
n-Butylbenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
N-Heptane	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
o-Xylene	< 22	< 22	< 22	< 22	< 22	< 22	< 100	< 100	< 100	< 100	< 100
Propylene (Propene)	-	-	-	-	-	-	-	-	-	-	-
Styrene	**64**	< 43	**110**	**48**	**62**	**99**	< 100	< 100	< 100	< 100	< 100
tert-Butylbenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	< 34	**340**	< 34	**57**	**54**	< 34	< 20	**100**	**20**	< 20	**66**
Tetrahydrofuran	-	-	-	-	-	-	-	-	-	-	-
Toluene	< 38	< 38	< 38	< 38	< 38	< 38	< 200	< 200	< 200	< 200	< 200
trans-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	**150**	< 100	**340**	< 100	< 100	**470**
trans-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 100	< 100	< 100	< 100	< 100
Trichloroethene	< 27	**16000**	**43**	**42**	< 27	**9800**	**260**	**18000**	**5600**	**1300**	**2300**
Trichlorofluoromethane (CFC-11)	**60**	< 56	< 56	< 56	< 56	< 56	< 100	< 100	< 100	< 100	< 100
Trifluorotrichloroethane (Freon 113)	< 77	**320**	< 77	< 77	< 77	**1900**	**160**	**1600**	**2600**	< 100	< 100
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	< 13	< 13	< 13	< 13	< 13	< 13	< 10	< 10	< 10	< 10	**36**

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE 8
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-009	DGA-011	DGA-013	DGA-014	DGA-015	DGA-016	DGA-017	DGA-017	DGA-019	DGA-021	DGA-022
Sample Name	DGA-009-2-SG REP	DGA-011-2-SG	DGA-013-1-SG	DGA-014-2.5-SG	DGA-015-2-SG	DGA-016-2-SG	DGA-017-1-SG	DGA-017-1-SG REP	DGA-019-2-SG	DGA-021-1-SG	DGA-022-2-SG
Sample Date	03/09/2022	03/09/2022	03/08/2022	03/09/2022	03/09/2022	03/10/2022	03/08/2022	03/08/2022	03/10/2022	03/08/2022	03/10/2022
Sample Depth (bgs)	2 (ft)	2 (ft)	1 (ft)	2.5 (ft)	2 (ft)	2 (ft)	1 (ft)	1 (ft)	2 (ft)	1 (ft)	2 (ft)
Volatile Organic Compounds (µg/m3)											
1,1,1,2-Tetrachloroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	< 100	< 100	< 100	< 100	< 100	< 100	**150**	**140**	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2-Trichloroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethane	**100**	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloropropene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Difluoroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-chloropropane (DBCP)	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
1,2-Dibromoethane (Ethylene Dibromide)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,2-Dichloropropane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorotetrafluoroethane (CFC 114)	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Butadiene	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Butanone (Methyl Ethyl Ketone)	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Hexanone (Methyl Butyl Ketone)	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
4-Chlorotoluene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	-	-	-	-	-	-	-	-
Acetone	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-
Benzene	**28**	< 20	< 20	< 20	< 20	**56**	< 20	< 20	**26**	< 20	**30**
Benzyl Chloride (alpha-Chlorotoluene)	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobenzene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobromomethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE 8
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-009	DGA-011	DGA-013	DGA-014	DGA-015	DGA-016	DGA-017	DGA-017	DGA-019	DGA-021	DGA-022
Sample Name	DGA-009-2-SG REP	DGA-011-2-SG	DGA-013-1-SG	DGA-014-2.5-SG	DGA-015-2-SG	DGA-016-2-SG	DGA-017-1-SG	DGA-017-1-SG REP	DGA-019-2-SG	DGA-021-1-SG	DGA-022-2-SG
Sample Date	03/09/2022	03/09/2022	03/08/2022	03/09/2022	03/09/2022	03/10/2022	03/08/2022	03/08/2022	03/10/2022	03/08/2022	03/10/2022
Sample Depth (bgs)	2 (ft)	2 (ft)	1 (ft)	2.5 (ft)	2 (ft)	2 (ft)	1 (ft)	1 (ft)	2 (ft)	1 (ft)	2 (ft)
Volatile Organic Compounds (µg/m3)											
Chloroform (Trichloromethane)	< 20	< 20	< 20	< 20	< 20	**61**	**140**	**120**	**30**	< 20	**190**
Chloromethane (Methyl Chloride)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,2-Dichloroethene	**14000**	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,3-Dichloropropene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Cyclohexane	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloromethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromomethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane (CFC-12)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Ethyl acetate	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Hexachlorobutadiene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Hexane	-	-	-	-	-	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
m,p-Xylenes	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl Tert Butyl Ether (MTBE)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride (Dichloromethane)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Naphthalene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
n-Butylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
N-Heptane	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Propylene (Propene)	-	-	-	-	-	-	-	-	-	-	-
Styrene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
tert-Butylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	**56**	**35**	**180**	**260**	< 20	< 20	< 20	< 20	< 20	**560**	**98**
Tetrahydrofuran	-	-	-	-	-	-	-	-	-	-	-
Toluene	< 200	< 200	< 200	< 200	< 200	**200**	< 200	< 200	< 200	< 200	< 200
trans-1,2-Dichloroethene	**390**	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,3-Dichloropropene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Trichloroethene	**1900**	**860**	**54**	< 20	< 20	**4900**	**2700**	**2700**	**2600**	**770**	**860**
Trichlorofluoromethane (CFC-11)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Trifluorotrichloroethane (Freon 113)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	**30**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE 8

SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA

ROHR INC. - PARCEL A

CHULA VISTA, CALIFORNIA

Location	PW-01B	PW-06	PW-07	PW-08	PW-09	PW-11	PW-12	PW-13	PW-14	PW-14	PW-15
Sample Name	PW01B-SV-5	PW06-SV-3.5	PW07-SV-4	PW08-SV-5	PW09-SV-4.5	PW11-SV-3	PW12-SV-3	PW13-SV-4	PW14-SV-4	PW14-SV-4DUP	PW15-SV-4.5
Sample Date	07/31/2020	07/31/2020	07/31/2020	07/31/2020	07/30/2020	07/30/2020	07/30/2020	07/30/2020	07/30/2020	07/30/2020	07/30/2020
Sample Depth (bgs)	5 - 5 (ft)	3.5 - 3.5 (ft)	4 - 4 (ft)	5 - 5 (ft)	4.5 - 4.5 (ft)	3 - 3 (ft)	3 - 3 (ft)	4 - 4 (ft)	4 - 4 (ft)	4 - 4 (ft)	4.5 - 4.5 (ft)
Volatile Organic Compounds (µg/m3)											
1,1,1,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	< 24	< 600	**38**	< 24	**120**	< 3	< 3	**12**	< 1200	< 2400	**1100**
1,1,2,2-Tetrachloroethane	< 28	< 700	< 28	< 28	< 140	< 3.5	< 3.5	< 3.5	< 1400	< 2800	< 350
1,1,2-Trichloroethane	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,1-Dichloroethane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,1-Dichloroethene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,1-Dichloropropene	-	-	-	-	-	-	-	-	-	-	-
1,1-Difluoroethane	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,2,4-Trichlorobenzene	< 32	< 800	< 32	< 32	< 160	< 4	< 4	< 4	< 1600	< 3200	< 400
1,2,4-Trimethylbenzene	**610**	**600**	**120**	**530**	**140**	**110**	**400**	**500**	< 1000	< 2000	< 250
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	< 32	< 800	< 32	< 32	< 160	< 4	< 4	< 4	< 1600	< 3200	< 400
1,2-Dichlorobenzene	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,2-Dichloroethane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,2-Dichloropropane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,2-Dichlorotetrafluoroethane (CFC 114)	< 28	< 700	< 28	< 28	< 140	< 3.5	< 3.5	< 3.5	< 1400	< 2800	< 350
1,3,5-Trimethylbenzene	**220**	< 500	**48**	**270**	< 100	**67**	**180**	**180**	< 1000	< 2000	< 250
1,3-Butadiene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,3-Dichlorobenzene	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,3-Dichloropropane	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,4-Dioxane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
2,2,4-Trimethylpentane	< 20	< 500	< 20	< 20	< 100	< 2.5	**12**	**3.9**	< 1000	< 2000	< 250
2,2-Dichloropropane	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
2-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
2-Phenylbutane (sec-Butylbenzene)	< 24	< 600	< 24	< 24	< 120	< 3	**8.1**	< 3	< 1200	< 2400	< 300
4-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	**130**	< 500	**22**	**160**	< 100	**29**	**110**	**94**	< 1000	< 2000	< 250
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
Acetone	< 80	< 2000	< 80	< 80	< 400	**51**	**59**	**43**	< 4000	< 8000	< 1000
Allyl chloride	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Benzene	< 20	< 500	< 20	**75**	< 100	**10**	**36**	**8**	< 1000	< 2000	< 250
Benzyl Chloride (alpha-Chlorotoluene)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	**9.8**	< 1000	< 2000	< 250
Bromobenzene	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	< 24	< 600	< 24	< 24	**140**	**16**	**17**	< 3	< 1200	< 2400	< 300
Bromoform	< 40	< 1000	< 40	< 40	< 200	< 5	< 5	< 5	< 2000	< 4000	< 500
Bromomethane (Methyl Bromide)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Carbon disulfide	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Carbon tetrachloride	< 28	< 700	< 28	< 28	< 140	< 3.5	< 3.5	< 3.5	< 1400	< 2800	< 350
Chlorobenzene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Chlorobromomethane	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250

TABLE 8

SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA

ROHR INC. - PARCEL A

CHULA VISTA, CALIFORNIA

Location	PW-01B	PW-06	PW-07	PW-08	PW-09	PW-11	PW-12	PW-13	PW-14	PW-14	PW-15
Sample Name	PW01B-SV-5	PW06-SV-3.5	PW07-SV-4	PW08-SV-5	PW09-SV-4.5	PW11-SV-3	PW12-SV-3	PW13-SV-4	PW14-SV-4	PW14-SV-4DUP	PW15-SV-4.5
Sample Date	07/31/2020	07/31/2020	07/31/2020	07/31/2020	07/30/2020	07/30/2020	07/30/2020	07/30/2020	07/30/2020	07/30/2020	07/30/2020
Sample Depth (bgs)	5 - 5 (ft)	3.5 - 3.5 (ft)	4 - 4 (ft)	5 - 5 (ft)	4.5 - 4.5 (ft)	3 - 3 (ft)	3 - 3 (ft)	4 - 4 (ft)	4 - 4 (ft)	4 - 4 (ft)	4.5 - 4.5 (ft)
Volatile Organic Compounds (µg/m3)											
Chloroform (Trichloromethane)	< 20	**1600**	**160**	**32**	**410**	**14**	**20**	**26**	< 1000	< 2000	< 250
Chloromethane (Methyl Chloride)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
cis-1,2-Dichloroethene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	**3.8**	**4300**	**4400**	< 250
cis-1,3-Dichloropropene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Cyclohexane	< 20	< 500	< 20	< 20	< 100	< 2.5	**3.6**	< 2.5	< 1000	< 2000	< 250
Cymene (p-Isopropyltoluene)	**79**	< 600	< 24	**80**	< 120	**8.8**	**63**	**53**	< 1200	< 2400	< 300
Dibromochloromethane	< 20	< 500	< 20	< 20	< 100	**12**	**9.5**	< 2.5	< 1000	< 2000	< 250
Dibromomethane	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	**17**	< 1000	< 2000	< 250
Ethyl acetate	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Ethylbenzene	**150**	< 500	**28**	**340**	< 100	**50**	**150**	**81**	< 1000	< 2000	< 250
Hexachlorobutadiene	< 48	< 1200	< 48	< 48	< 240	< 6	< 6	< 6	< 2400	< 4800	< 600
Hexane	< 20	< 500	< 20	< 20	< 100	**5.9**	**11**	**3.6**	< 1000	< 2000	< 250
Isobutane	< 20	< 500	< 20	< 20	< 100	**5.1**	< 2.5	< 2.5	< 1000	< 2000	< 250
Isopropyl Alcohol (2-Propanol)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
Isopropylbenzene (Cumene)	< 20	< 500	< 20	**33**	< 100	**5.9**	**20**	**11**	< 1000	< 2000	< 250
m,p-Xylenes	**670**	**1100**	**130**	**1300**	**200**	**160**	**710**	**400**	< 2000	< 4000	< 500
Methyl Tert Butyl Ether (MTBE)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
Methylene chloride (Dichloromethane)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Naphthalene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
n-Butylbenzene	-	-	-	-	-	-	-	-	-	-	-
N-Heptane	< 20	< 500	< 20	< 20	< 100	**4.9**	**12**	**4.2**	< 1000	< 2000	< 250
n-Propylbenzene	**80**	< 500	< 20	**120**	< 100	**19**	**87**	**59**	< 1000	< 2000	< 250
o-Xylene	**240**	< 500	**40**	**360**	< 100	**70**	**200**	**140**	< 1000	< 2000	< 250
Propylene (Propene)	< 20	< 500	< 20	< 20	< 100	**7.5**	**30**	< 2.5	< 1000	< 2000	< 250
Styrene	< 20	< 500	< 20	< 20	< 100	**14**	**19**	< 2.5	< 1000	< 2000	< 250
tert-Butylbenzene	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	< 28	< 700	**330**	**96**	< 140	**16**	**1500**	**4.7**	< 1400	< 2800	< 350
Tetrahydrofuran	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Toluene	**230**	**510**	**51**	**670**	**150**	**89**	**350**	**98**	< 1000	< 2000	< 250
trans-1,2-Dichloroethene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
trans-1,3-Dichloropropene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Trichloroethene	**140**	**160000**	**7600**	**54**	**14000**	**5.9**	**35**	**91**	**64000**	**64000**	**13000**
Trichlorofluoromethane (CFC-11)	< 24	< 600	< 24	< 24	< 120	< 3	< 3	**94**	< 1200	< 2400	< 300
Trifluorotrichloroethane (Freon 113)	< 32	< 800	< 32	< 32	< 160	**5.6**	< 4	< 4	< 1600	< 3200	**740**
Vinyl acetate	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Vinyl Bromide (Bromoethene)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Vinyl chloride	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250

Notes:

Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.

BOLD = concentration detected at or above reported detection limit.

< = analyte not detected above the indicated reporting limit.

- = not analyzed or not applicable.

µg/m3 = micrograms per cubic meter.

TABLE 8
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	PW-16
Sample Name	PW16-SV-5
Sample Date	07/30/2020
Sample Depth (bgs)	5 - 5 (ft)
Volatile Organic Compounds (µg/m3)	
1,1,1,2-Tetrachloroethane	-
1,1,1-Trichloroethane	**35**
1,1,2,2-Tetrachloroethane	< 3.5
1,1,2-Trichloroethane	< 3
1,1-Dichloroethane	< 2.5
1,1-Dichloroethene	< 2.5
1,1-Dichloropropene	-
1,1-Difluoroethane	-
1,2,3-Trichlorobenzene	-
1,2,3-Trichloropropane	< 3
1,2,4-Trichlorobenzene	< 4
1,2,4-Trimethylbenzene	**490**
1,2-Dibromo-3-chloropropane (DBCP)	-
1,2-Dibromoethane (Ethylene Dibromide)	< 4
1,2-Dichlorobenzene	< 3
1,2-Dichloroethane	< 2.5
1,2-Dichloropropane	< 2.5
1,2-Dichlorotetrafluoroethane (CFC 114)	< 3.5
1,3,5-Trimethylbenzene	**180**
1,3-Butadiene	< 2.5
1,3-Dichlorobenzene	< 3
1,3-Dichloropropane	-
1,4-Dichlorobenzene	< 3
1,4-Dioxane	< 2.5
2,2,4-Trimethylpentane	< 2.5
2,2-Dichloropropane	-
2-Butanone (Methyl Ethyl Ketone)	< 10
2-Chlorotoluene	-
2-Hexanone (Methyl Butyl Ketone)	< 10
2-Phenylbutane (sec-Butylbenzene)	**4.5**
4-Chlorotoluene	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	**55**
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 10
Acetone	< 10
Allyl chloride	< 2.5
Benzene	**7.6**
Benzyl Chloride (alpha-Chlorotoluene)	< 2.5
Bromobenzene	-
Bromodichloromethane	< 3
Bromoform	< 5
Bromomethane (Methyl Bromide)	< 2.5
Carbon disulfide	< 2.5
Carbon tetrachloride	< 3.5
Chlorobenzene	< 2.5
Chlorobromomethane	-
Chloroethane	< 2.5

TABLE 8
SUMMARY OF EXPOSURE POINT CONCENTRATIONS IN SUB-SLAB SOIL VAPOR, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	PW-16
Sample Name	PW16-SV-5
Sample Date	07/30/2020
Sample Depth (bgs)	5 - 5 (ft)
Volatile Organic Compounds (µg/m3)	
Chloroform (Trichloromethane)	**5.8**
Chloromethane (Methyl Chloride)	< 2.5
cis-1,2-Dichloroethene	< 2.5
cis-1,3-Dichloropropene	< 2.5
Cyclohexane	< 2.5
Cymene (p-Isopropyltoluene)	**27**
Dibromochloromethane	< 2.5
Dibromomethane	-
Dichlorodifluoromethane (CFC-12)	< 2.5
Ethyl acetate	< 2.5
Ethylbenzene	**61**
Hexachlorobutadiene	< 6
Hexane	< 2.5
Isobutane	< 2.5
Isopropyl Alcohol (2-Propanol)	< 10
Isopropylbenzene (Cumene)	**7.7**
m,p-Xylenes	**310**
Methyl Tert Butyl Ether (MTBE)	< 10
Methylene chloride (Dichloromethane)	< 2.5
Naphthalene	**6.3**
n-Butylbenzene	-
N-Heptane	< 2.5
n-Propylbenzene	**36**
o-Xylene	**99**
Propylene (Propene)	< 2.5
Styrene	**10**
tert-Butylbenzene	-
Tetrachloroethene	**16**
Tetrahydrofuran	< 2.5
Toluene	**120**
trans-1,2-Dichloroethene	< 2.5
trans-1,3-Dichloropropene	< 2.5
Trichloroethene	**25**
Trichlorofluoromethane (CFC-11)	**6.7**
Trifluorotrichloroethane (Freon 113)	**72**
Vinyl acetate	< 2.5
Vinyl Bromide (Bromoethene)	< 2.5
Vinyl chloride	< 2.5

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE 9

TOXICITY VALUES FOR CHEMICALS DETECTED IN SOIL SAMPLES

ROHR INC. - PARCEL A

CHULA VISTA, CALIFORNIA

CAS No	Chemical Name	CA Chronic RfCi (inh) mg/m3	Ref.	CA Chronic RfDo (oral) (mg/kg-day)	Ref.	CA SFo (oral) $(mg/kg\text{-}day)^{-1}$	Ref.	CA IUR (inh) $(\mu g/m3)^{-1}$	Ref.
7440-38-2	Arsenic	1.5E-05	C	3.5E-06	C	9.5E+00	C	4.3E-03	I
7440-39-3	Barium	5.0E-04	H	2.0E-01	I	na	I	na	I
7440-41-7	Beryllium	7.0E-06	C	2.0E-04	C	na	I	2.4E-03	I
7440-50-8	Copper	na	I	4.0E-02	H	na	I	na	I
7439-92-1	Lead	na	I	na	I	na	I	na	I
7440-66-6	Zinc	na	I	3.0E-01	I	na	I	na	I
11097-69-1	Aroclor-1254	8.0E-05	I	2.0E-05	I	2.0E+00	I	5.7E-04	I
72-54-8	DDD	na	I	3.0E-05	sP	2.4E-01	I	6.9E-05	C
72-55-9	DDE	1.2E-03	sP	3.0E-04	sP	3.4E-01	C	9.7E-05	C
50-29-3	DDT	na	I	5.0E-04	I	3.4E-01	I	9.7E-05	I
12789-03-6	Chlordane	7.0E-04	I	5.0E-04	I	3.5E-01	I	1.0E-04	I
1024-57-3	Heptachlor Epoxide	5.2E-05	I	1.3E-05	I	9.1E+00	I	2.6E-03	I
83-32-9	Acenaphthene	2.4E-01	I	6.0E-02	I	na	I	na	I
208-96-8	Acenaphthylene (Surrogate =	na	I	6.0E-02	S	na	I	na	I
120-12-7	Anthracene	1.2E+00	I	3.0E-01	I	na	I	na	I
56-55-3	Benz[a]anthracene	na	I	na	I	1.0E-01	R	1.1E-04	C
50-32-8	Benzo[a]pyrene	2.0E-06	I	3.0E-04	I	1.0E+00	I	1.1E-03	C
205-99-2	Benzo[b]fluoranthene	na	I	na	I	1.0E-01	R	1.1E-04	C
191-24-2	Benzo(g,h,i)perylene (surrogate =	na	I	3.0E-02	S	na	I	na	I
207-08-9	Benzo[k]fluoranthene	na	I	na	I	1.0E-02	R	1.1E-04	C
218-01-9	Chrysene	na	I	na	I	1.0E-03	R	1.1E-05	C
53-70-3	Dibenz[a,h]anthracene	na	I	na	I	4.1E+00	C	1.2E-03	C
131-11-3	Dimethyl Phthalate	na	I	na	I	na	I	na	I
206-44-0	Fluoranthene	na	I	4.0E-02	I	na	I	na	I
86-73-7	Fluorene	1.6E-01	I	4.0E-02	I	na	I	na	I
193-39-5	Indeno[1,2,3-cd]pyrene	na	I	na	I	1.0E-01	R	1.1E-04	C
85-01-8	Phenanthrene (surrogate = pyrene)	na	I	3.0E-02	S	na	I	na	I
129-00-0	Pyrene	1.2E-01	I	3.0E-02	I	na	I	na	I
71-55-6	1,1,1-Trichloroethane	1.0E+00	C	2.0E+00	I	na	I	na	I
76-13-1	Trifluorotrichloroethane (Freon 113)	5.0E+00	P	3.0E+01	I	na	I	na	I
75-34-3	1,1-Dichloroethane	8.0E-01	P	2.0E-01	P	5.7E-03	C	1.6E-06	C
526-73-8	1,2,3-Trimethylbenzene	6.0E-02	I	1.0E-02	I	na	I	na	I
95-63-6	1,2,4-Trimethylbenzene	6.0E-02	I	1.0E-02	I	na	I	na	I
108-67-8	1,3,5-Trimethylbenzene	6.0E-02	I	1.0E-02	I	na	I	na	I
78-93-3	Methyl Ethyl Ketone (2-Butanone)	5.0E+00	I	6.0E-01	I	na	I	na	I
67-64-1	Acetone	3.1E+01	A	9.0E-01	I	na	I	na	I
71-43-2	Benzene	3.0E-03	C	4.0E-03	I	1.0E-01	C	2.9E-05	C
67-66-3	Chloroform	9.8E-02	A	1.0E-02	I	3.1E-02	C	2.3E-05	I

TABLE 9

TOXICITY VALUES FOR CHEMICALS DETECTED IN SOIL SAMPLES

ROHR INC. - PARCEL A

CHULA VISTA, CALIFORNIA

CAS No	Chemical Name	CA Chronic RfCi (inh) mg/m3	Ref.	CA Chronic RfDo (oral) (mg/kg-day)	Ref.	CA SFo (oral) $(mg/kg\text{-}day)^{-1}$	Ref.	CA IUR (inh) $(\mu g/m3)^{-1}$	Ref.
156-59-2	cis-1,2-Dichloroethylene	8.0E-03	I	2.0E-03	I	na	I	na	I
99-87-6	Cymene (p-Isopropyltoluene)	na	I	na	I	na	I	na	I
100-41-4	Ethylbenzene	1.0E+00	I	1.0E-01	I	1.1E-02	C	2.5E-06	C
1634-04-4	Methyl tert-Butyl Ether (MTBE)	3.0E+00	I	na	I	1.8E-03	C	2.6E-07	C
75-09-2	Methylene Chloride	4.0E-01	C	6.00E-03	I	2.0E-03	I	1.0E-06	C
179601-23-1	m,p-Xylenes	1.0E-01	I	2.0E-01	I	na	I	na	I
91-20-3	Naphthalene	3.0E-03	I	2.0E-02	I	1.2E-01	C	3.4E-05	C
104-51-8	Butylbenzene, n-	2.0E-01	P	5.0E-02	P	na	I	na	I
95-47-6	o-Xylene	1.0E-01	I	2.0E-01	I	na	I	na	I
100-42-5	Styrene	9.0E-01	C	2.00E-01	I	na	I	na	I
127-18-4	Tetrachloroethylene	4.0E-02	I	6.0E-03	I	5.4E-01	C	6.1E-06	C
108-88-3	Toluene	3.0E-01	C	8.0E-02	I	na	I	na	I
156-60-5	trans-1,2-Dichloroethylene	8.0E-02	I	2.0E-02	I	na	I	na	I
79-01-6	Trichloroethylene	2.0E-03	I	5.0E-04	I	4.6E-02	I	4.1E-06	I
75-69-4	Trichlorofluoromethane (CFC-11)	1.2E+00	I	3.0E-01	I	na	I	na	I

REFERENCES:

C	California Department of Toxic Substances Control "Human Health Risk Assessment (HHRA) Note, Human and Ecological Risk Office (HERO) HHRA Note Number: 10, Toxicity Criteria" prepared by the DTSC and dated February 25, 2019
I	EPA's Integrated Risk Information System (IRIS). http://www.epa.gov/iris/
A	The Agency for Toxic Substances and Disease Registry (ATSDR) minimal risk levels (MRLs). http://www.atsdr.cdc.gov/
H	The EPA Superfund program's Health Effects Assessment Summary (H). http://epa-H.ornl.gov/
P	The Provisional Peer Reviewed Toxicity Values (PPRTVs) derived by EPA's Superfund Health Risk Technical Support Center (STSC) for the EPA Superfund program. http://hhpprtv.ornl.gov/
sP	Screening Provisional Peer Reviewed Toxicity Values (PPRTVs) derived by EPA's Superfund Health Risk Technical Support Center (STSC) for the EPA Superfund program. http://hhpprtv.ornl.gov/
R	EPA Regional Screening Levels https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables
S	Surrogate
na	Not Applicable

TABLE 10

EXPOSURE AREA-SPECIFIC HUMAN HEALTH RISK ASSESSMENT SUMMARY
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

BUILDING 99/100 EXPOSURE AREA RECEPTOR	PATHWAY	ILCR	HI
On-Site Construction Worker	Ingestion of Soil	5E-08	0.06
	Dermal Contact with Soil	4E-08	0.03
	Inhalation of Particulates	1E-08	0.2
	Inhalation of Volatiles from Soil	0E+00	0.000005
	Total	***1E-07***	***0.3***
On-Site Landscaper	Ingestion of Soil	1E-07	0.008
	Dermal Contact with Soil	9E-08	0.03
	Inhalation of Particulates	2E-10	0.0001
	Inhalation of Volatiles from Soil	0E+00	0.0000004
	Total	***2E-07***	***0.04***
On-Site Commercial/Industrial Worker (Existing Building 99)	Inhalation of Volatiles in Indoor Air	3E-07	0.1
	Total	***3E-07***	***0.1***
On-Site Commercial/Industrial Worker (Existing Building 100)	Inhalation of Volatiles in Indoor Air	3E-07	0.1
	Total	***3E-07***	***0.1***
On-Site Commercial/Industrial Worker (Future Building)	Inhalation of Volatiles in Indoor Air	3E-07	0.1
	Total	***3E-07***	***0.1***

BUILDING 29 EXPOSURE AREA RECEPTOR	PATHWAY	ILCR	HI
On-Site Landscaper	Ingestion of Soil	1E-05	0.8
	Dermal Contact with Soil	2E-06	0.2
	Inhalation of Particulates	2E-09	0.0002
	Inhalation of Volatiles from Soil	3E-07	0.006
	Total	***1E-05***	***1***
On-Site Commercial/Industrial Worker	Inhalation of Volatiles in Indoor Air	2E-03	500
	Total	***2E-03***	***500***
On-Site Construction Worker (Within Planned Loading Dock Excavation Area)	Ingestion of Soil	2E-07	0.2
	Dermal Contact with Soil	1E-07	0.2
	Inhalation of Particulates	3E-09	0.006
	Inhalation of Volatiles from Soil	8E-07	6
	Total	***1E-06***	***6***

NOTES:

ILCR = Incrimental Lifetime Cancer Risk
HI = Hazard Index

TABLE 11

HEALTH-BASED REMEDIATION GOALS
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

BUILDING 99/100 EXPOSURE AREA	SOIL VAPOR ($\mu g/m^3$)
NO HEALTH-BASED REMEDIATION GOALS	NA
BUILDING 29 EXPOSURE AREA	SOIL VAPOR ($\mu g/m^3$)
Bromodichloromethane	70
Chloroform	80
Cis-1,2-Dichloroethene	100
Tetrachloroethene	370
Trichloroethene	350
BUILDING 29 EXPOSURE AREA (PLANNED LOADING DOCK EXCAVATION AREA)	SOIL (mg/kg)
Trichloroethene	1.5

NOTES:

NA = Not Applicable

$\mu g/m^3$ = micrograms per cubic meter

mg/kg = milligram per kilogram

TABLE 12

HUMAN HEALTH RISK ASSESSMENT SUMMARY USING HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS

ROHR INC. - PARCEL A

CHULA VISTA, CALIFORNIA

Location	Receptor	Incremental Lifetime Cancer Risk	Hazard Index
B29-V04	On-Site Commerical/Industrial Worker	7E-06	1
B29-V07	On-Site Commerical/Industrial Worker	1E-05	1
B29-V09	On-Site Commerical/Industrial Worker	1E-05	1
B29-V16	On-Site Commerical/Industrial Worker	9E-06	1
B29-V19	On-Site Commerical/Industrial Worker	4E-06	1
PW06-SV-3.5	On-Site Commerical/Industrial Worker	8E-06	1
PW07-SV-4	On-Site Commerical/Industrial Worker	1E-05	1
PW09-SV-4.5	On-Site Commerical/Industrial Worker	1E-05	1
PW12-SV-3	On-Site Commerical/Industrial Worker	1E-05	0.4
PW14-SV-4	On-Site Commerical/Industrial Worker	4E-06	1
PW14-SV-4DUP	On-Site Commerical/Industrial Worker	4E-06	1
PW15-SV-4.5	On-Site Commerical/Industrial Worker	4E-06	1
DGA-004-1-SG	On-Site Commerical/Industrial Worker	1E-05	1
DGA-007-2-SG	On-Site Commerical/Industrial Worker	1E-05	1
DGA-008-2-SG	On-Site Commerical/Industrial Worker	4E-06	1
DGA-009-2-SG	On-Site Commerical/Industrial Worker	1E-05	1
DGA-011-2-SG	On-Site Commerical/Industrial Worker	4E-06	1
DGA-016-2-SG	On-Site Commerical/Industrial Worker	1E-05	1
DGA-017-1-SG	On-Site Commerical/Industrial Worker	8E-06	1
DGA-019-2-SG	On-Site Commerical/Industrial Worker	7E-06	1
DGA-021-1-SG	On-Site Commerical/Industrial Worker	9E-06	1
DGA-022-2-SG	On-Site Commerical/Industrial Worker	1E-05	1
Building 29 Planned Loading Dock Excavation Area Only	On-Site Construction Worker	5E-07	1

FIGURES

GIS FILE PATH: G:\43559_North Campus\000_Global\GISMaps\2022_05_PARCELA_HHRA\127827_046_0001_SITE_LOCUS.mxd - USER: dfm - LAST SAVED: 5/3/2022 12:17:27 PM

MAP SOURCE: ESRI
USGS QUAD: NATIONAL CITY, IMPERIAL BEACH
SITE COORDINATES: 32°38'03.8"N, 117°05'56.9"W

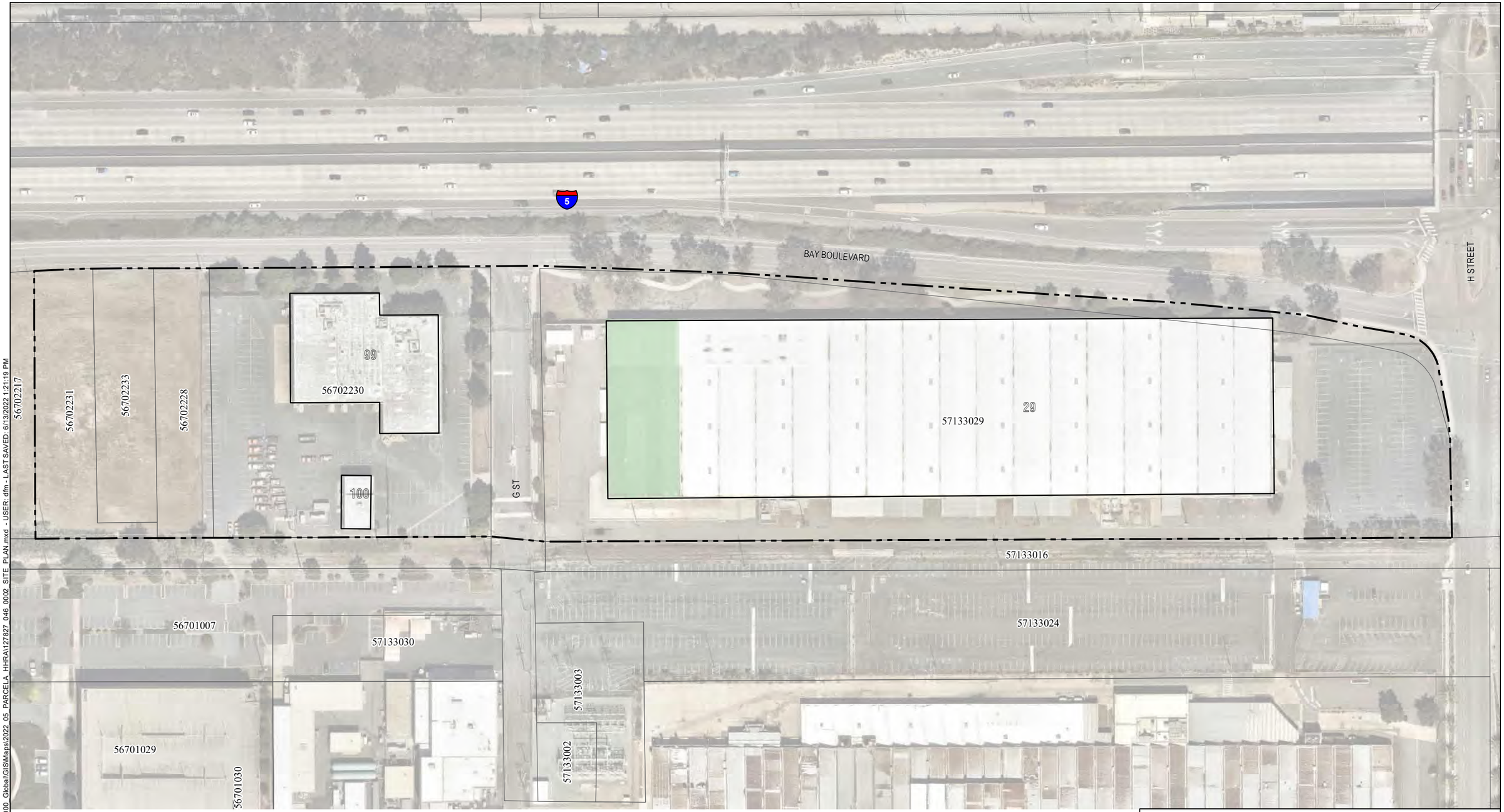
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SITE LOCUS

APPROXIMATE SCALE: 1 IN = 2,000 FT
JULY 2022

FIGURE 1



GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2022_05_PARCELA_HHRA\1278\27_046_0002_SITE_PLAN.mxd - USER: dfm - LAST SAVED: 6/13/2022 1:21:19 PM

LEGEND

- SUBJECT SITE
- TO BE RAZED AND EXCAVATED 5 FEET BGS TO CONSTRUCT LOADING DOCK
- 56701029 PARCEL BOUNDARY AND ASSESSOR'S PARCEL NUMBER
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS AREA APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, MARCH 2022

0 125 250
SCALE IN FEET

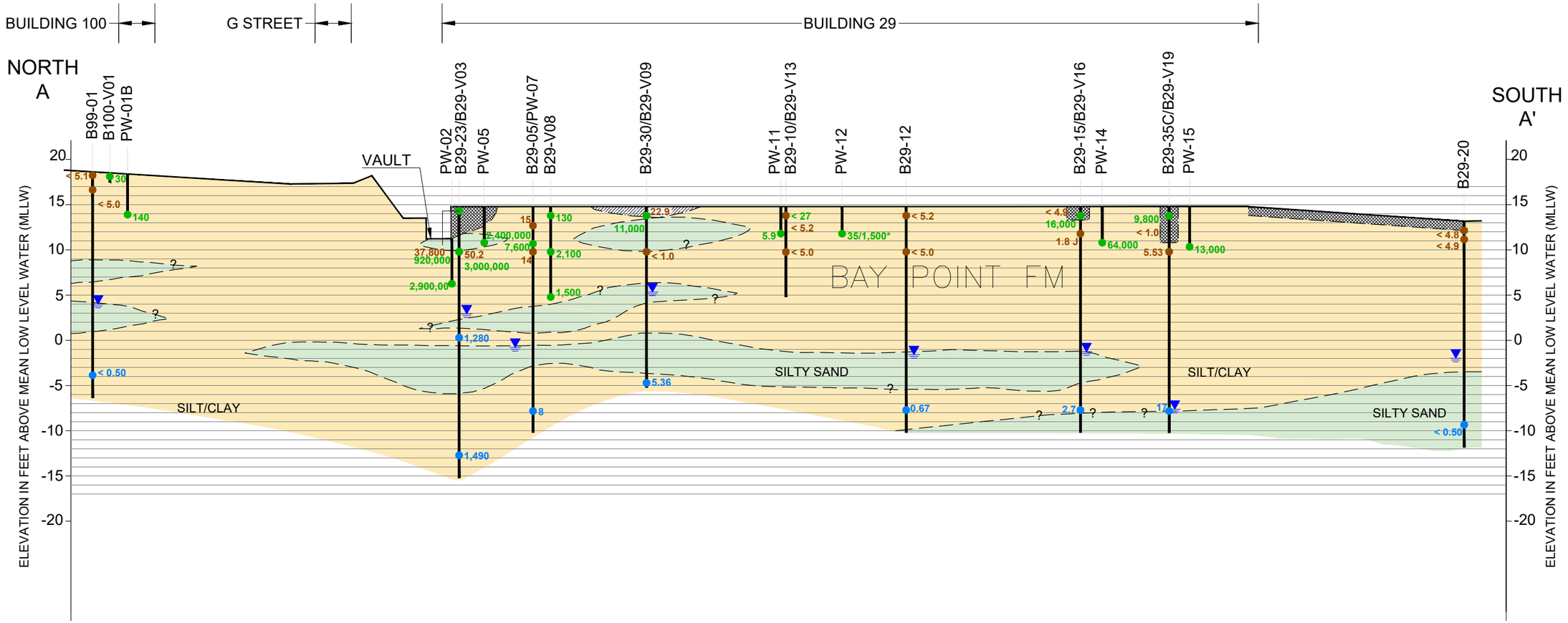
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SITE PLAN

JULY 2022

FIGURE 2



EXPLORATION LEGEND

B27 — EXPLORATION DESIGNATION

SURFACE

SAMPLE LOCATION

GROUNDWATER ELEVATION AT TIME OF DRILLING

LEGEND

FILL

SILT/CLAY

SILTY SAND

LITHOLOGY CONTACT (INFERRED)

TRICHLOROETHENE CONCENTRATION

< 5.0 SOIL (ug/kg)

30 SOIL GAS (ug/m^3)

< 0.50 GROUNDWATER (ug/L)

* TETRACHLOROETHENE CONCENTRATION

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. < 0.50 = NOT DETECTED ABOVE LABORATORY REPORTING LIMIT

HORIZ. 0 120 240

VERT. 0 12 24

SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

GEOLOGIC CROSS SECTION A-A'

SCALE: AS SHOWN
JULY 2022

FIGURE 3

DFM
G:\43559 NORTH CAMPUS\000 GLOBAL\GIS\MAPS\2022_05 PARCEL A HHRA\127827 046 0003 04 CROSS SECTION.DWG
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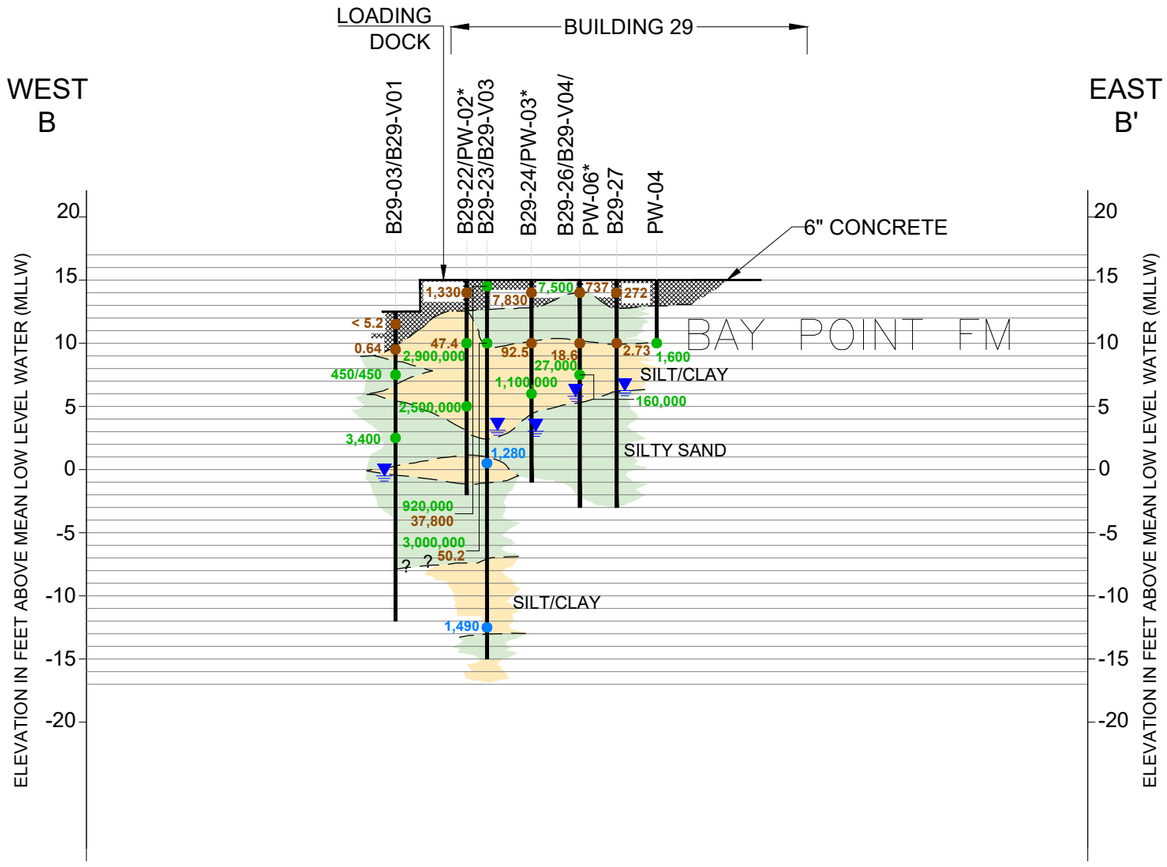
Sheet: X-SEC A-A'



EXPLORATION LEGEND

B27 — EXPLORATION DESIGNATION
SURFACE
SAMPLE LOCATION
GROUNDWATER ELEVATION AT TIME OF DRILLING

LEGEND

FILL : SILTY FINE SAND WITH ASPHALT
SILT/CLAY
SILTY SAND
LITHOLOGY CONTACT (INFERRED)
* PROBE LOCATED IN VAULT (APPROX. 4 FEET BGS)

TRICHLOROETHENE CONCENTRATION

< 5.0	SOIL (ug/kg)
30	SOIL GAS (ug/m^3)
< 0.50	GROUNDWATER (ug/L)

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. < 0.50 = NOT DETECTED ABOVE LABORATORY REPORTING LIMIT

HORIZ. 0 120 240
VERT. 0 12 24
SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

GEOLOGIC CROSS SECTION B-B'

SCALE: AS SHOWN
JULY 2022

FIGURE 4

DFM
Printed: 6/13/2022 1:36 PM
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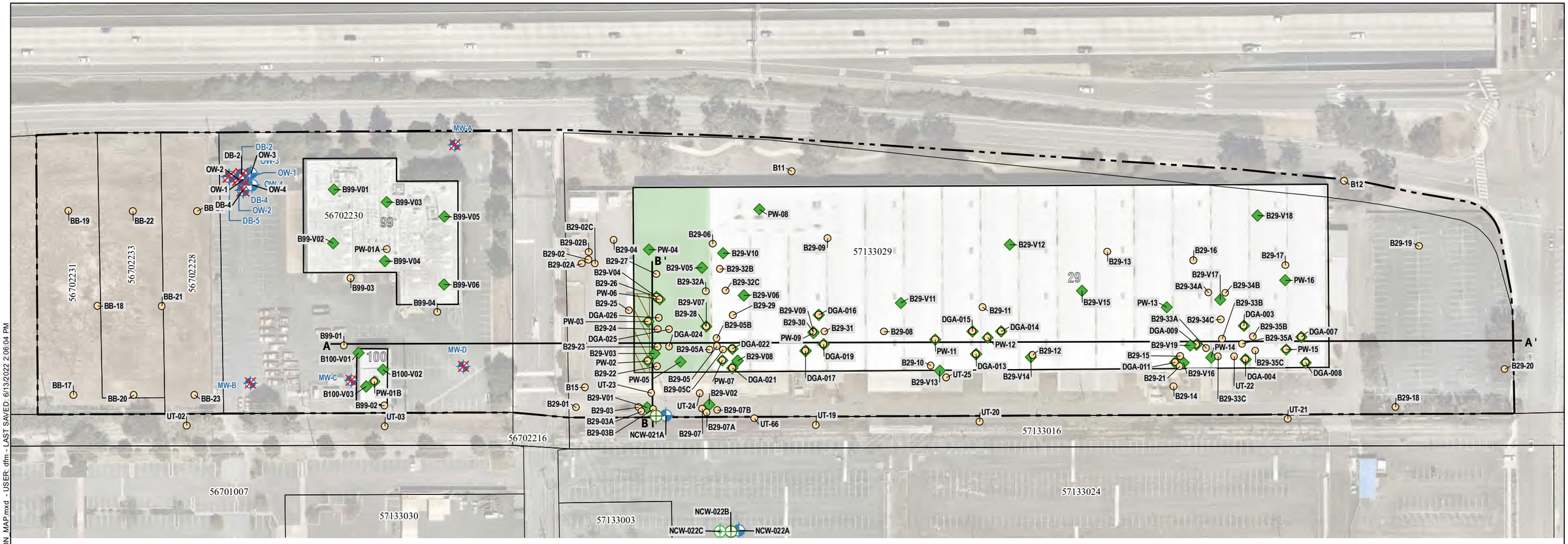
Sheet: X-SEC B-B'



LEGEND

- SOIL BORING
- SOIL GAS SAMPLE LOCATION

MONITORING WELL ZONE

- A
- LB
- UB
- DESTROYED MONITORING WELL/TRANSDUCER

- CROSS SECTION LINE
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- TO BE RAZED AND EXCAVATED 5 FEET BELOW GROUND SURFACE TO CONSTRUCT LOADING DOCK
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 2022

0 125 250
SCALE IN FEET

HALEY ALDRICH

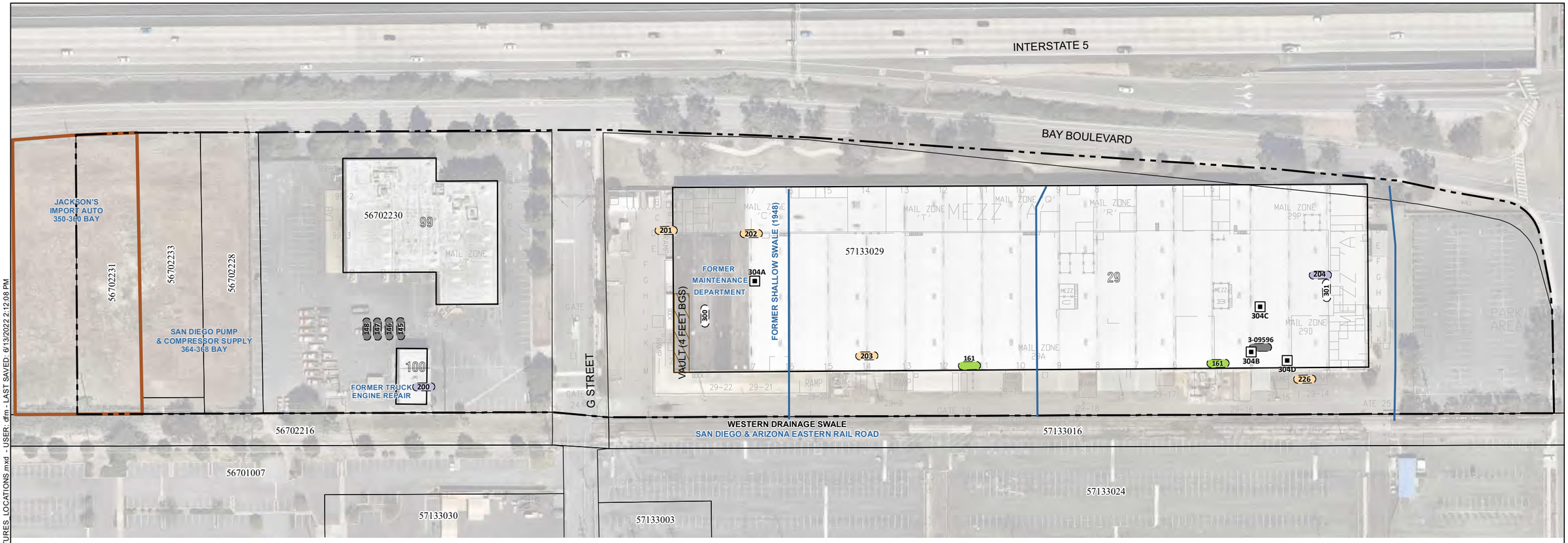
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SAMPLE LOCATION MAP

JULY 2022

FIGURE 5

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2022_05_PARCELA_HHRA\127827_046_0005_SAMPLE_LOCATION_MAP.mxd - USER: dfm - LAST SAVED: 6/13/2022 2:06:04 PM



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LEGEND

- FORMER MILLS/LATHES
- FORMER VESSELS AND VAULTS
- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- STORM WATER CONVEYANCE SYSTEM
- VAULT (4 FEET BGS, INSTALLED IN 2000)
- 56701029 ASSESSOR'S PARCEL BOUNDARY AND NUMBER
- FORMER EXCAVATION AREA
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 2022

N

0 125 250
SCALE IN FEET

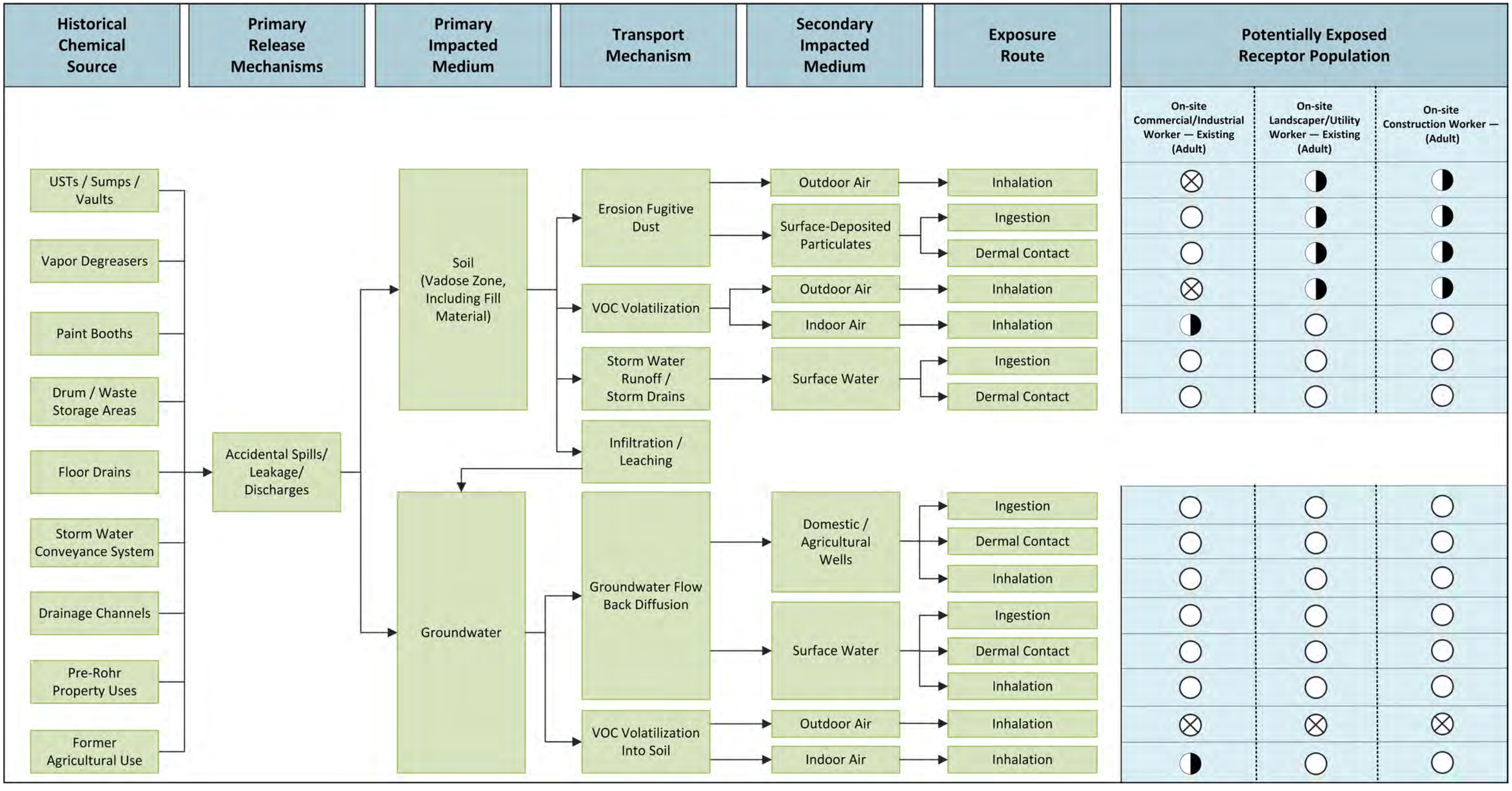
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

HISTORICAL ENVIRONMENTAL SITE FEATURES

JULY 2022

FIGURE 6



LEGEND

- ● Complete: Exposure pathway currently exists for that receptor.
- ◐ Potentially Complete: Exposure pathway may exist for future receptor.
- ⊗ Insignificant: All criteria exist for a complete pathway, but data suggest low concentrations, low exposure frequency, potential insignificant risk, or significant pathway in comparison to other pathways.
- ○ Incomplete: One or more criteria for a complete pathway do not exist.

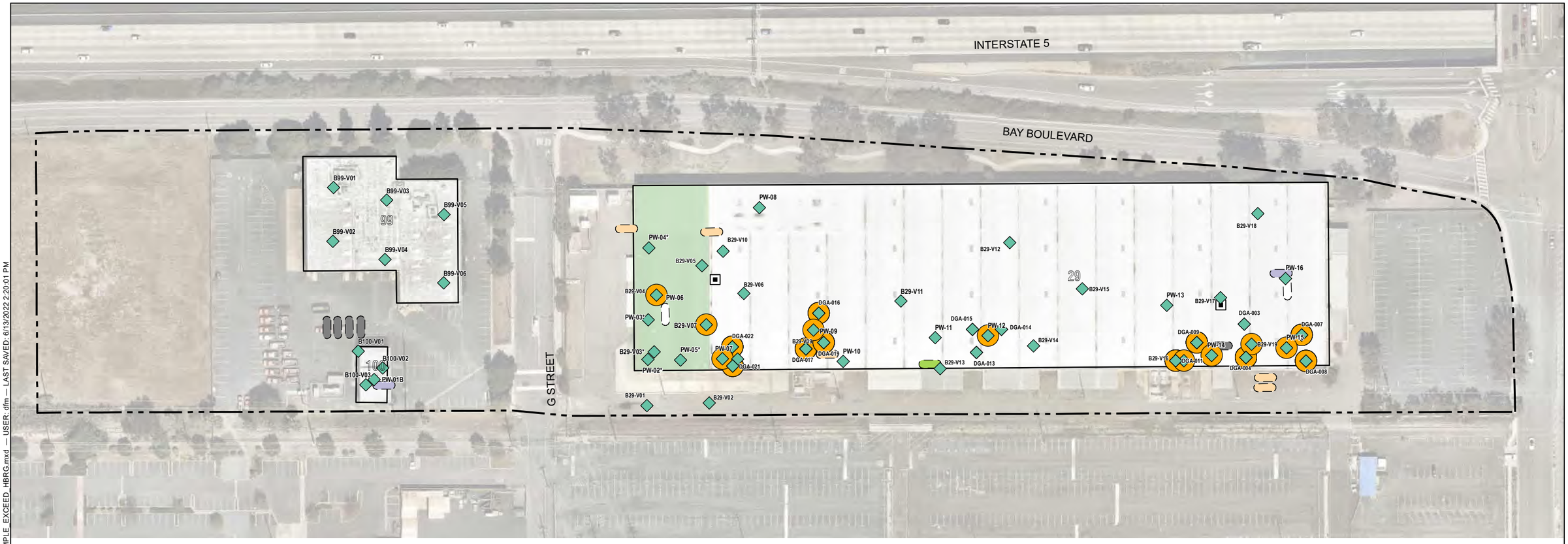
HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

POTENTIAL EXPOSURE PATHWAYS NORTH CAMPUS - PARCEL A

JULY 2022

FIGURE 7



LEGEND

- SOIL GAS PROBE
- SOIL GAS SAMPLE LOCATION WITH CONCENTRATIONS GREATER THAN HEALTH-BASED REMEDIATION GOALS
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER
- TO BE RAZED AND EXCAVATED 5 FEET BGS TO CONSTRUCT LOADING DOCK
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. * = THESE SAMPLE LOCATIONS WERE NOT EVALUATED SINCE THEY ARE LOCATED IN THE PORTION OF THE BUILDING THAT IS TO BE DEMOLISHED.
5. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 2022

N

0 125 250
SCALE IN FEET

HALEY ALDRICH

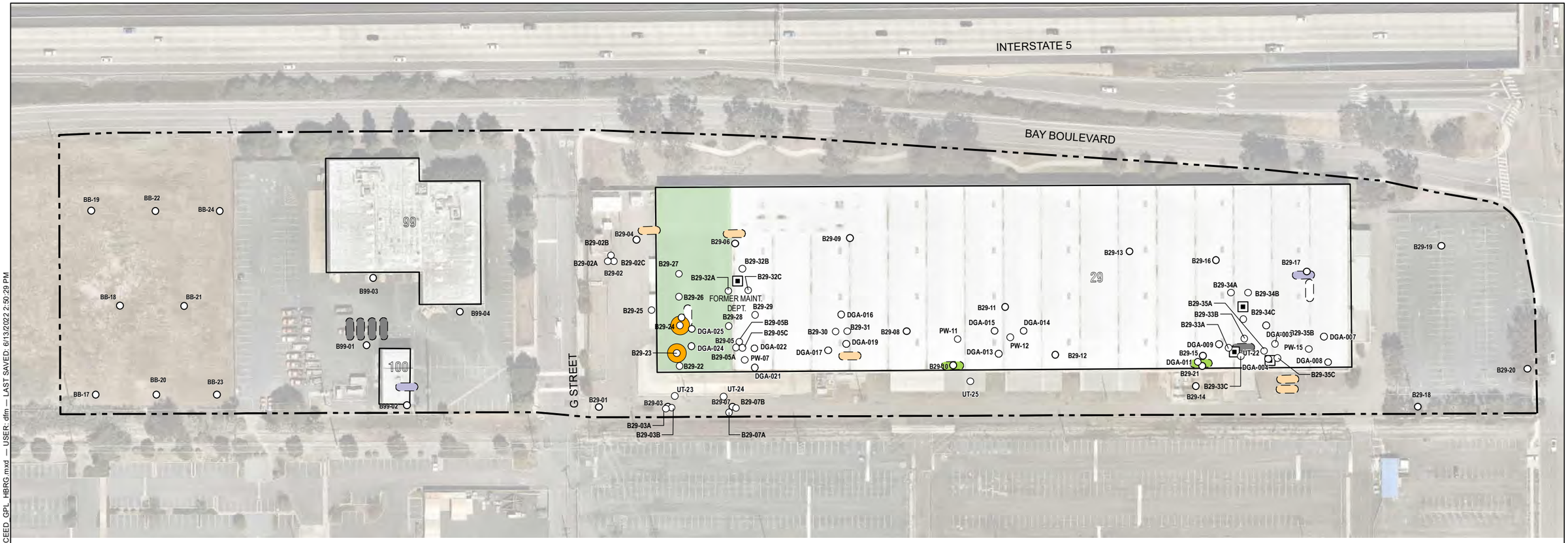
ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SOIL GAS SAMPLE LOCATIONS WITH CONCENTRATIONS GREATER THAN HEALTH-BASED REMEDIATION GOALS

JULY 2022

FIGURE 8

GIS FILE PATH: G:\43559_North Campus\000_Global\GISMaps\2022_05_PARCELA_HHRA\127827_046_0008_SOIL_VAPOR_SAMPLE_EXCEED_HBRG.mxd — USER: dfm — LAST SAVED: 6/13/2022 2:20:01 PM



LEGEND

- BORING LOCATION
- SOIL SAMPLE LOCATION WITH CONCENTRATIONS GREATER THAN HEALTH-BASED REMEDIATION GOALS (CONSTRUCTION WORKER)
- FORMER MILLS/LATHES

FORMER VESSELS AND VAULTS

- UST (UNDERGROUND STORAGE TANK) BASED ON DEH EVALUATION OF CCR TITLE 23. CLOSED THROUGH REMOVAL OR FILLING.
- UV (UNDERGROUND VESSEL)
- AST (ABOVEGROUND STORAGE TANK)
- PAINT BOOTH
- DEGREASER

- TO BE RAZED AND EXCAVATED 5 FEET BGS TO CONSTRUCT LOADING DOCK
- SUBJECT SITE
- 29 BUILDING NUMBER

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. SOURCES: ABC 1998, URS 2013, ROHR MILLS AND LATHES - EQUIPMENT MANUAL
3. THE LOCATIONS OF FORMER VESSELS AND VAULTS FROM ABC 1998 AND URS 2013. SOME LOCATIONS HAVE BEEN ADJUSTED BASED ON SITE RECONNAISSANCE.
4. AERIAL IMAGERY SOURCE: NEARMAP, APRIL 2022

N

0 125 250

SCALE IN FEET

HALEY ALDRICH

ROHR, INC., A COLLINS AEROSPACE COMPANY
NORTH CAMPUS - PARCEL A
CHULA VISTA, CALIFORNIA

SOIL SAMPLE LOCATIONS WITH CONCENTRATIONS GREATER THAN HEALTH-BASED REMEDIATION GOALS

JULY 2022

FIGURE 9

GIS FILE PATH: G:\43559_North Campus\000_Global\GIS\Maps\2022_05_PARCELA_HHRA\127827_046_0009_SOIL_SAMPLE_EXCEED_GPL_HBRG.mxd — USER: dfm — LAST SAVED: 6/13/2022 2:50:29 PM

APPENDIX A

Soil and Sub-Slab Soil Vapor and Groundwater Data Tables

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B99-01	B99-01	B99-02	B99-02	B99-03	B99-03	B99-04	B99-04	BB-17	BB-17	BB-18
Sample Name	B99-01-1	B99-01-5	B99-02-1	B99-02-4	B99-03-1	B99-03-4	B99-04-1	B99-04-3	BB-17-01	BB-17-04	BB-18-01
Sample Date	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016
Sample Depth (bgs)	0.5-1.0 (ft)	4.5-5.0 (ft)	0.5-1.0 (ft)	3.5-4.0 (ft)	0.5-1.0 (ft)	3.5-4.0 (ft)	0.5-1.0 (ft)	2.5-3.0 (ft)	0.5-1.0 (ft)	3.5-4.0 (ft)	0.5-1.0 (ft)
Inorganics (mg/kg)											
Antimony	< 0.769	< 0.714	< 0.781	< 0.746	< 0.732	< 0.761	< 0.732	**0.276 J**	< 0.754	< 0.732	< 0.765
Arsenic	**3.62 B**	**0.661 B,J**	**3.06**	**2.62**	**2.26**	**1.47**	**2.5**	**2.94**	**3.25**	**1.38**	**5.58**
Barium	**73 B**	**80.8 B**	**72.5**	**394**	**54**	**59.1**	**68.8**	**136**	**72.6**	**69.5**	**79.4**
Beryllium	**0.266**	**0.394**	**0.289**	**0.434**	**0.225 J**	**0.333**	**0.338**	**0.462**	**0.239 J**	**0.309**	**0.242 J**
Cadmium	**0.454 J**	**0.365 J**	**0.481 J**	**0.411 J**	**0.298 J**	**0.309 J**	**0.368 J**	**0.429 J**	**0.407 J**	**0.335 J**	**0.451 J**
Chromium	**14.8**	**18.3**	**16.6**	**21.1**	**12.5**	**16.9**	**19.6**	**22.2**	**12.8**	**16.3**	**17.5**
Cobalt	**9.09**	**11.3**	**8.87**	**15**	**6.44**	**9.29**	**9.44**	**11**	**4.42**	**9.81**	**3.74**
Copper	**24.2**	**11.7**	**22.2**	**12.5**	**3.88**	**8.35**	**18**	**14.3**	**7.64**	**10**	**10.9**
Lead	**12.5**	**4.29**	**33.9**	**14.5**	**2.7**	**3.52**	**9.95**	**4**	**9.76**	**4.17**	**17.6**
Mercury	**0.00722 J**	< 0.0794	**0.027 J**	< 0.082	< 0.0806	< 0.0847	**0.0131 J**	**0.00821 J**	**0.00945 J**	**0.0215 J**	**0.0239 J**
Molybdenum	**0.174 J**	< 0.238	< 0.26	< 0.249	< 0.244	< 0.254	< 0.244	< 0.238	**0.425**	< 0.244	**0.863**
Nickel	**7.58**	**9.51**	**7.98**	**9.51**	**4.75**	**7.72**	**13.3**	**10.8**	**5.91**	**7.24**	**5.92**
Selenium	< 0.769	**0.395 J**	< 0.781	< 0.746	< 0.732	< 0.761	< 0.732	< 0.714	**0.903**	**0.368 J**	< 0.765
Silver	< 0.256	< 0.238	< 0.26	< 0.249	< 0.244	< 0.254	< 0.244	< 0.238	< 0.251	< 0.244	**0.185 J**
Thallium	< 0.769	< 0.714	< 0.781	< 0.746	< 0.732	**0.196 J**	< 0.732	< 0.714	**0.252 J**	< 0.732	**0.47 J**
Vanadium	**43.4**	**61**	**43**	**67.8**	**47.3**	**53.5**	**52.8**	**65.6**	**29.6**	**51.5**	**23.9**
Zinc	**39.8 B**	**36.5 B**	**66**	**46.2**	**30.7**	**26.3**	**54.6**	**43.9**	**33**	**24.8**	**48.2**
Other (%)											
Moisture	**10**	**13**	**5.5**	**15**	**18**	**25**	**10**	**14**	**3.5**	**3.8**	**5**
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1221 (PCB-1221)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1232 (PCB-1232)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1242 (PCB-1242)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1248 (PCB-1248)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1254 (PCB-1254)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.12**	< 0.05	< 0.05
Aroclor-1260 (PCB-1260)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1262 (PCB-1262)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1268 (PCB-1268)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total PCBs	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.12**	< 0.05	< 0.05

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**B99-01**	**B99-01**	**B99-02**	**B99-02**	**B99-03**	**B99-03**	**B99-04**	**B99-04**	**BB-17**	**BB-17**	**BB-18**
Sample Name	**B99-01-1**	**B99-01-5**	**B99-02-1**	**B99-02-4**	**B99-03-1**	**B99-03-4**	**B99-04-1**	**B99-04-3**	**BB-17-01**	**BB-17-04**	**BB-18-01**
Sample Date	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**
Sample Depth (bgs)	**0.5-1.0 (ft)**	**4.5-5.0 (ft)**	**0.5-1.0 (ft)**	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**
PEST (mg/kg)											
4,4'-DDD	< 0.025	-	-	-	**0.0031 J**	-	**0.031**	-	< 0.005	-	-
4,4'-DDE	**0.81**	-	-	-	**0.024**	-	**0.18**	-	< 0.005	-	-
4,4'-DDT	**0.1**	-	-	-	**0.0027 J**	-	**0.031**	-	**0.0048 J**	-	-
Aldrin	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
alpha-BHC	< 0.05	-	-	-	< 0.01	-	< 0.01	-	< 0.01	-	-
beta-BHC	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Chlordane	< 0.25	-	-	-	< 0.05	-	< 0.05	-	< 0.05	-	-
delta-BHC	< 0.05	-	-	-	< 0.01	-	< 0.01	-	< 0.01	-	-
Dieldrin	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Endosulfan I	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Endosulfan II	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Endosulfan sulfate	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Endrin	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Endrin aldehyde	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Endrin ketone	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
gamma-BHC (Lindane)	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Heptachlor	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Heptachlor epoxide	**0.022 J**	-	-	-	< 0.01	-	< 0.01	-	< 0.01	-	-
Methoxychlor	< 0.025	-	-	-	< 0.005	-	< 0.005	-	< 0.005	-	-
Toxaphene	< 0.5	-	-	-	< 0.1	-	< 0.1	-	< 0.1	-	-
SVOCs (mg/kg)											
Acenaphthene	< 0.015	-	-	-	< 0.015	-	< 0.015	-	-	-	< 0.015
Acenaphthylene	< 0.03	-	-	-	< 0.03	-	< 0.03	-	-	-	< 0.03
Anthracene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.0082 J**
Benzo(a)anthracene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.0055 J**
Benzo(a)pyrene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.019**
Benzo(b)fluoranthene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.021**
Benzo(g,h,i)perylene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.028**
Benzo(k)fluoranthene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.047**
Chrysene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.02**
Dibenz(a,h)anthracene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.06**
Fluoranthene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.054**
Fluorene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	< 0.01
Indeno(1,2,3-cd)pyrene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.11**
Phenanthrene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.023**
Pyrene	< 0.01	-	-	-	< 0.01	-	< 0.01	-	-	-	**0.032**

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**B99-01**	**B99-01**	**B99-02**	**B99-02**	**B99-03**	**B99-03**	**B99-04**	**B99-04**	**BB-17**	**BB-17**	**BB-18**
Sample Name	**B99-01-1**	**B99-01-5**	**B99-02-1**	**B99-02-4**	**B99-03-1**	**B99-03-4**	**B99-04-1**	**B99-04-3**	**BB-17-01**	**BB-17-04**	**BB-18-01**
Sample Date	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**
Sample Depth (bgs)	**0.5-1.0 (ft)**	**4.5-5.0 (ft)**	**0.5-1.0 (ft)**	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**
VOCs (mg/kg)											
2-Butanone (Methyl Ethyl Ketone)	< 0.051	< 0.05	< 0.05	< 0.051	< 0.052	< 0.05	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05
Acetone	< 0.13	< 0.12	< 0.13	< 0.13	< 0.13	< 0.12	< 0.13	< 0.12	< 0.13	< 0.13	< 0.12
Cymene (p-Isopropyltoluene)	< 0.0051	< 0.005	< 0.005	< 0.0051	< 0.0052	< 0.005	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005
m,p-Xylenes	< 0.0051	< 0.005	**0.00076 J**	< 0.0051	< 0.0052	< 0.005	< 0.0051	< 0.005	< 0.0051	< 0.005	< 0.005
Methylene chloride	< 0.051	< 0.05	< 0.05	< 0.051	< 0.052	< 0.05	< 0.051	< 0.05	< 0.051	< 0.05	< 0.05

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**BB-18**	**BB-19**	**BB-19**	**BB-20**	**BB-20**	**BB-21**	**BB-21**	**BB-22**	**BB-22**	**BB-23**	**BB-23**
Sample Name	**BB-18-04**	**BB-19-01**	**BB-19-03**	**BB-20-01**	**BB-20-03**	**BB-21-01**	**BB-21-03**	**BB-22-01**	**BB-22-03**	**BB-23-01**	**BB-23-03**
Sample Date	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**
Sample Depth (bgs)	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**
Inorganics (mg/kg)											
Antimony	< 0.765	< 0.761	< 0.732	< 0.718	**0.43 J**	< 0.773	< 0.735	< 0.739	< 0.721	< 0.721	< 0.789
Arsenic	**1.77**	**6.75**	**2.06**	**2.77**	**2.44**	**4.41**	**2.06**	**3.04**	**2.17**	**2.27**	**1.39**
Barium	**74.9**	**92.9**	**83.4**	**99.5**	**76.8**	**82.5**	**84.9**	**57.8**	**77.9**	**73.1**	**74.7**
Beryllium	**0.318**	**0.282**	**0.326**	**0.305**	**0.377**	**1.38**	**0.254**	**0.271**	**0.333**	**0.273**	**0.381**
Cadmium	**0.881**	**0.432 J**	**0.51**	**0.881**	**0.432 J**	**1.35**	**0.498**	**1.18**	**0.45 J**	**0.866**	**0.353 J**
Chromium	**17**	**14.3**	**16.9**	**15.6**	**18**	**12.3**	**13.1**	**14.1**	**17.2**	**15.1**	**19**
Cobalt	**9.32**	**4.55**	**9.24**	**8.13**	**11.2**	**6.19**	**7.62**	**6.11**	**9.93**	**8.36**	**11.2**
Copper	**23.5**	**13.6**	**20.4**	**21.3**	**12.8**	**11.2**	**16.2**	**8.59**	**20.2**	**28.8**	**9.91**
Lead	**22.7**	**14.5**	**14.9**	**32.5**	**8.08**	**9.18**	**22.1**	**7.31**	**13.6**	**42.6**	**4.48**
Mercury	**0.0234 J**	**0.0218 J**	**0.0235 J**	**0.0194 J**	**0.0182 J**	**0.0177 J**	**0.0192 J**	< 0.082	**0.0184 J**	**0.106**	**0.007 J**
Molybdenum	**0.147 J**	**0.884**	< 0.244	**0.401**	< 0.251	**1.04**	**0.152 J**	< 0.246	**0.243**	< 0.24	< 0.263
Nickel	**8.92**	**7.5**	**7.51**	**8.96**	**8.38**	**6.68**	**6.41**	**6.44**	**7.59**	**7.57**	**8.45**
Selenium	**0.467 J**	**1.16**	< 0.732	< 0.718	< 0.754	**0.857**	**0.531 J**	< 0.739	**0.421 J**	< 0.721	< 0.789
Silver	< 0.255	< 0.254	< 0.244	< 0.239	< 0.251	< 0.258	< 0.245	< 0.246	< 0.24	< 0.24	< 0.263
Thallium	**0.181 J**	**0.734 J**	**0.223 J**	**0.192 J**	< 0.754	**0.929**	< 0.735	< 0.739	**0.156 J**	< 0.721	< 0.789
Vanadium	**49.6**	**27.2**	**49.8**	**41.2**	**58**	**28.9**	**39.6**	**34.7**	**51.5**	**42.9**	**63.6**
Zinc	**55.5**	**56.9**	**43.6**	**70**	**34.7**	**40.6**	**65.7**	**42.9**	**40.3**	**78.3**	**31.6**
Other (%)											
Moisture	**6.3**	**3.1**	**3.4**	**3.5**	**4.8**	**4.5**	**3**	**2.3**	**4**	**2.9**	**6.4**
PCBs (mg/kg)											
Aroclor-1016 (PCB-1016)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1221 (PCB-1221)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1232 (PCB-1232)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1242 (PCB-1242)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1248 (PCB-1248)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1254 (PCB-1254)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1260 (PCB-1260)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.033 J**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1262 (PCB-1262)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aroclor-1268 (PCB-1268)	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total PCBs	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**0.033**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**BB-18**	**BB-19**	**BB-19**	**BB-20**	**BB-20**	**BB-21**	**BB-21**	**BB-22**	**BB-22**	**BB-23**	**BB-23**
Sample Name	**BB-18-04**	**BB-19-01**	**BB-19-03**	**BB-20-01**	**BB-20-03**	**BB-21-01**	**BB-21-03**	**BB-22-01**	**BB-22-03**	**BB-23-01**	**BB-23-03**
Sample Date	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**
Sample Depth (bgs)	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**
PEST (mg/kg)											
4,4'-DDD	-	< 0.005	-	-	-	< 0.005	-	-	-	**0.0099**	-
4,4'-DDE	-	**0.0024 J**	-	-	-	**0.0074**	-	-	-	**1**	-
4,4'-DDT	-	**0.0041 J**	-	-	-	< 0.005	-	-	-	**0.23**	-
Aldrin	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
alpha-BHC	-	< 0.01	-	-	-	< 0.01	-	-	-	< 0.0099	-
beta-BHC	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Chlordane	-	**0.033 J**	-	-	-	**0.03 J**	-	-	-	< 0.05	-
delta-BHC	-	< 0.01	-	-	-	< 0.01	-	-	-	< 0.0099	-
Dieldrin	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Endosulfan I	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Endosulfan II	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Endosulfan sulfate	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Endrin	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Endrin aldehyde	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Endrin ketone	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
gamma-BHC (Lindane)	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Heptachlor	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Heptachlor epoxide	-	< 0.01	-	-	-	< 0.01	-	-	-	< 0.0099	-
Methoxychlor	-	< 0.005	-	-	-	< 0.005	-	-	-	< 0.005	-
Toxaphene	-	< 0.1	-	-	-	< 0.1	-	-	-	< 0.099	-
SVOCs (mg/kg)											
Acenaphthene	-	-	-	< 0.015	-	-	-	**0.0061 J**	-	< 0.015	-
Acenaphthylene	-	-	-	< 0.03	-	-	-	< 0.03	-	**0.011 J**	-
Anthracene	-	-	-	< 0.01	-	-	-	< 0.01	-	< 0.0099	-
Benzo(a)anthracene	-	-	-	**0.0092 J**	-	-	-	**0.0031 J**	-	**0.0072 J**	-
Benzo(a)pyrene	-	-	-	**0.0084 J**	-	-	-	**0.0029 J**	-	**0.018**	-
Benzo(b)fluoranthene	-	-	-	**0.01**	-	-	-	**0.0054 J**	-	**0.0085 J**	-
Benzo(g,h,i)perylene	-	-	-	**0.014**	-	-	-	**0.0048 J**	-	**0.0035 J**	-
Benzo(k)fluoranthene	-	-	-	**0.015**	-	-	-	< 0.01	-	**0.0085 J**	-
Chrysene	-	-	-	**0.013**	-	-	-	< 0.01	-	**0.0067 J**	-
Dibenz(a,h)anthracene	-	-	-	< 0.01	-	-	-	< 0.01	-	< 0.0099	-
Fluoranthene	-	-	-	**0.03**	-	-	-	< 0.01	-	**0.021**	-
Fluorene	-	-	-	< 0.01	-	-	-	**0.0038 J**	-	< 0.0099	-
Indeno(1,2,3-cd)pyrene	-	-	-	**0.0049 J**	-	-	-	< 0.01	-	**0.0046 J**	-
Phenanthrene	-	-	-	**0.019**	-	-	-	< 0.01	-	**0.0062 J**	-
Pyrene	-	-	-	**0.058**	-	-	-	**0.0072 J**	-	**0.031**	-

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**BB-18**	**BB-19**	**BB-19**	**BB-20**	**BB-20**	**BB-21**	**BB-21**	**BB-22**	**BB-22**	**BB-23**	**BB-23**
Sample Name	**BB-18-04**	**BB-19-01**	**BB-19-03**	**BB-20-01**	**BB-20-03**	**BB-21-01**	**BB-21-03**	**BB-22-01**	**BB-22-03**	**BB-23-01**	**BB-23-03**
Sample Date	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**
Sample Depth (bgs)	**3.5-4.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**
VOCs (mg/kg)											
2-Butanone (Methyl Ethyl Ketone)	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051	**0.022 J**	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05
Acetone	< 0.12	< 0.13	< 0.13	< 0.13	< 0.13	**0.076 J**	< 0.12	< 0.13	< 0.13	< 0.13	< 0.13
Cymene (p-Isopropyltoluene)	< 0.0049	< 0.0052	< 0.0052	**0.0023 J**	< 0.0051	**0.029**	**0.00073 J**	< 0.005	< 0.0051	< 0.005	< 0.005
m,p-Xylenes	< 0.0049	< 0.0052	< 0.0052	< 0.0052	< 0.0051	< 0.005	< 0.0049	< 0.005	< 0.0051	< 0.005	< 0.005
Methylene chloride	< 0.049	< 0.052	< 0.052	< 0.052	< 0.051	< 0.05	< 0.049	< 0.05	< 0.051	< 0.05	< 0.05

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**BB-24**	**BB-24**
Sample Name	**BB-24-01**	**BB-24-03**
Sample Date	**6/28/2016**	**6/28/2016**
Sample Depth (bgs)	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**
Inorganics (mg/kg)		
Antimony	< 0.758	< 0.777
Arsenic	**4.17**	**1.57**
Barium	**72.4**	**78.3**
Beryllium	**0.226 J**	**0.286**
Cadmium	**0.473 J**	**0.548**
Chromium	**9.67**	**15.3**
Cobalt	**5.57**	**9.51**
Copper	**12.4**	**28.4**
Lead	**17.3**	**19**
Mercury	**0.019 J**	**0.0258 J**
Molybdenum	**0.429**	**0.229 J**
Nickel	**5.04**	**9.37**
Selenium	< 0.758	< 0.777
Silver	< 0.253	< 0.259
Thallium	< 0.758	< 0.777
Vanadium	**29**	**47.6**
Zinc	**59.7**	**59**
Other (%)		
Moisture	**2.1**	**3.5**
PCBs (mg/kg)		
Aroclor-1016 (PCB-1016)	< 0.05	< 0.05
Aroclor-1221 (PCB-1221)	< 0.05	< 0.05
Aroclor-1232 (PCB-1232)	< 0.05	< 0.05
Aroclor-1242 (PCB-1242)	< 0.05	< 0.05
Aroclor-1248 (PCB-1248)	< 0.05	< 0.05
Aroclor-1254 (PCB-1254)	< 0.05	< 0.05
Aroclor-1260 (PCB-1260)	< 0.05	< 0.05
Aroclor-1262 (PCB-1262)	< 0.05	< 0.05
Aroclor-1268 (PCB-1268)	< 0.05	< 0.05
Total PCBs	< 0.05	< 0.05

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**BB-24**	**BB-24**
Sample Name	**BB-24-01**	**BB-24-03**
Sample Date	**6/28/2016**	**6/28/2016**
Sample Depth (bgs)	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**
PEST (mg/kg)		
4,4'-DDD	< 0.005	-
4,4'-DDE	**0.015**	-
4,4'-DDT	**0.016**	-
Aldrin	< 0.005	-
alpha-BHC	< 0.01	-
beta-BHC	< 0.005	-
Chlordane	< 0.05	-
delta-BHC	< 0.01	-
Dieldrin	< 0.005	-
Endosulfan I	< 0.005	-
Endosulfan II	< 0.005	-
Endosulfan sulfate	< 0.005	-
Endrin	< 0.005	-
Endrin aldehyde	< 0.005	-
Endrin ketone	< 0.005	-
gamma-BHC (Lindane)	< 0.005	-
Heptachlor	< 0.005	-
Heptachlor epoxide	< 0.01	-
Methoxychlor	< 0.005	-
Toxaphene	< 0.1	-
SVOCs (mg/kg)		
Acenaphthene	-	-
Acenaphthylene	-	-
Anthracene	-	-
Benzo(a)anthracene	-	-
Benzo(a)pyrene	-	-
Benzo(b)fluoranthene	-	-
Benzo(g,h,i)perylene	-	-
Benzo(k)fluoranthene	-	-
Chrysene	-	-
Dibenz(a,h)anthracene	-	-
Fluoranthene	-	-
Fluorene	-	-
Indeno(1,2,3-cd)pyrene	-	-
Phenanthrene	-	-
Pyrene	-	-

TABLE A-1
SUMMARY OF SOIL QUALITY DATA - BUILDING 99/100 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**BB-24**	**BB-24**
Sample Name	**BB-24-01**	**BB-24-03**
Sample Date	**6/28/2016**	**6/28/2016**
Sample Depth (bgs)	**0.5-1.0 (ft)**	**2.5-3.0 (ft)**
VOCs (mg/kg)		
2-Butanone (Methyl Ethyl Ketone)	< 0.049	< 0.052
Acetone	< 0.12	< 0.13
Cymene (p-Isopropyltoluene)	< 0.0049	< 0.0052
m,p-Xylenes	< 0.0049	< 0.0052
Methylene chloride	< 0.049	< 0.052

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B11	B12	B29-01	B29-01	B29-02	B29-02	B29-02A	B29-02A	B29-02A	B29-02B	B29-02B	B29-02C	B29-02C	B29-03	B29-03
Sample Name	**B11-2.5**	**B12-2.5**	**B29-01-1**	**B29-01-2**	**B29-02-1**	**B29-02-2**	**B29-02A-010**	**B29-02A-030**	**B29-02B-010**	**B29-02B-030**	**B29-02C-010**	**B29-02C-030**	**B29-03-01**	**B29-03-03**	
Sample Date	**7/26/2005**	**7/26/2005**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**6/27/2016**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**6/28/2016**	**6/28/2016**	
Sample Depth (bgs)	**2.5 (ft)**	**2.5 (ft)**	**0.5 - 1 (ft)**	**1.5 - 2 (ft)**	**0.5 - 1 (ft)**	**1.5 - 2 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**	
Metals (mg/kg)															
Antimony	-	-	< 0.145	< 0.155	< 0.147	< 0.147	-	-	-	-	-	-	< 0.147	< 0.154	
Arsenic	-	-	**4.23**	**1.89**	**23.3**	**1.37**	< 0.46	**3.04**	< 0.46	< 0.46	< 0.46	< 0.46	**19.6**	**2.64**	
Barium	-	-	**72.5**	**58.4**	**154**	**123**	-	-	-	-	-	-	**182**	**371**	
Beryllium	-	-	**0.329**	**0.359**	**0.415**	**0.343**	-	-	-	-	-	-	**0.434**	**0.546**	
Cadmium	-	-	**0.438 J**	**0.348 J**	**0.251 J**	**0.288 J**	-	-	-	-	-	-	**0.235 J**	**0.33 J**	
Chromium	-	-	**14.3**	**15.9**	**8.06**	**16.1**	-	-	-	-	-	-	**5.09**	**14.9**	
Cobalt	-	-	**9**	**11.7**	**2.83**	**9.67**	-	-	-	-	-	-	**2.94**	**9.37**	
Copper	-	-	**19.8**	**9.28**	**6.4**	**9.05**	-	-	-	-	-	-	**6.58**	**6.51**	
Lead	-	-	**9.55**	**4.33**	**9.21**	**4.42**	-	-	-	-	-	-	**7.69**	**5.03**	
Mercury	-	-	< 0.00618	**0.00919 J**	< 0.00607	< 0.00568	-	-	-	-	-	-	< 0.00618	< 0.00578	
Molybdenum	-	-	< 0.128	< 0.137	**0.346**	< 0.131	-	-	-	-	-	-	**0.324**	< 0.136	
Nickel	-	-	**8.17**	**7.63**	**4.26**	**7.1**	-	-	-	-	-	-	**5.19**	**7.79**	
Selenium	-	-	< 0.291	< 0.312	**0.706 J**	< 0.297	-	-	-	-	-	-	**0.364 J**	< 0.309	
Silver	-	-	< 0.0832	< 0.0893	**0.106 J**	< 0.0849	-	-	-	-	-	-	< 0.0844	< 0.0884	
Thallium	-	-	< 0.147	< 0.158	**0.439 J**	< 0.15	-	-	-	-	-	-	**0.328 J**	< 0.156	
Vanadium	-	-	**41.4**	**49.3**	**18**	**54.5**	-	-	-	-	-	-	**17.2**	**43.2**	
Zinc	-	-	**35.1**	**26.6**	**32.8**	**27.9**	-	-	-	-	-	-	**33.2**	**28.3**	
PCBs (mg/kg)															
Aroclor-1016 (PCB-1016)	-	-	< 0.021	< 0.021	< 0.021	< 0.021	-	-	-	-	-	-	< 0.021	< 0.021	
Aroclor-1221 (PCB-1221)	-	-	< 0.043	< 0.043	< 0.042	< 0.043	-	-	-	-	-	-	< 0.043	< 0.042	
Aroclor-1232 (PCB-1232)	-	-	< 0.025	< 0.025	< 0.025	< 0.025	-	-	-	-	-	-	< 0.025	< 0.025	
Aroclor-1242 (PCB-1242)	-	-	< 0.037	< 0.037	< 0.037	< 0.037	-	-	-	-	-	-	< 0.037	< 0.037	
Aroclor-1248 (PCB-1248)	-	-	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-	-	-	-	< 0.032	< 0.032	
Aroclor-1254 (PCB-1254)	-	-	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-	-	-	-	< 0.032	< 0.032	
Aroclor-1260 (PCB-1260)	-	-	< 0.031	< 0.031	< 0.03	< 0.031	-	-	-	-	-	-	< 0.031	< 0.03	
Aroclor-1262 (PCB-1262)	-	-	< 0.035	< 0.035	< 0.035	< 0.035	-	-	-	-	-	-	< 0.035	< 0.035	
Aroclor-1268 (PCB-1268)	-	-	< 0.034	< 0.034	< 0.033	< 0.034	-	-	-	-	-	-	< 0.034	< 0.033	
Total PCBs	-	-	< 0.043	< 0.043	< 0.042	< 0.043	-	-	-	-	-	-	< 0.043	< 0.042	
PEST (mg/kg)															
4,4'-DDD	-	-	-	-	< 0.0024	-	-	-	-	-	-	-	-	-	
4,4'-DDE	-	-	-	-	< 0.0022	-	-	-	-	-	-	-	-	-	
4,4'-DDT	-	-	-	-	< 0.0022	-	-	-	-	-	-	-	-	-	
Aldrin	-	-	-	-	< 0.0022	-	-	-	-	-	-	-	-	-	
alpha-BHC	-	-	-	-	< 0.0037	-	-	-	-	-	-	-	-	-	
beta-BHC	-	-	-	-	< 0.0025	-	-	-	-	-	-	-	-	-	
Chlordane	-	-	-	-	< 0.026	-	-	-	-	-	-	-	-	-	
delta-BHC	-	-	-	-	< 0.0044	-	-	-	-	-	-	-	-	-	
Dieldrin	-	-	-	-	< 0.0022	-	-	-	-	-	-	-	-	-	
Endosulfan I	-	-	-	-	< 0.002	-	-	-	-	-	-	-	-	-	
Endosulfan II	-	-	-	-	< 0.0024	-	-	-	-	-	-	-	-	-	
Endosulfan sulfate	-	-	-	-	< 0.0026	-	-	-	-	-	-	-	-	-	
Endrin	-	-	-	-	< 0.0024	-	-	-	-	-	-	-	-	-	
Endrin aldehyde	-	-	-	-	< 0.003	-	-	-	-	-	-	-	-	-	
Endrin ketone	-	-	-	-	< 0.0025	-	-	-	-	-	-	-	-	-	
gamma-BHC (Lindane)	-	-	-	-	< 0.0022	-	-	-	-	-	-	-	-	-	
Heptachlor	-	-	-	-	< 0.0022	-	-	-	-	-	-	-	-	-	
Heptachlor epoxide	-	-	-	-	< 0.0037	-	-	-	-	-	-	-	-	-	
Methoxychlor	-	-	-	-	< 0.0027	-	-	-	-	-	-	-	-	-	
Toxaphene	-	-	-	-	< 0.045	-	-	-	-	-	-	-	-	-	

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B11	B12	B29-01	B29-01	B29-02	B29-02	B29-02A	B29-02A	B29-02B	B29-02B	B29-02C	B29-02C	B29-03	B29-03
Sample Name	B11-2.5	B12-2.5	B29-01-1	B29-01-2	B29-02-1	B29-02-2	B29-02A-010	B29-02A-030	B29-02B-010	B29-02B-030	B29-02C-010	B29-02C-030	B29-03-01	B29-03-03
Sample Date	7/26/2005	7/26/2005	6/27/2016	6/27/2016	6/27/2016	6/27/2016	1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/9/2020	1/9/2020	6/28/2016	6/28/2016
Sample Depth (bgs)	2.5 (ft)	2.5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)
SVOCs (mg/kg)														
Acenaphthene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.004	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0042	-
Anthracene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.002	-
Benzo(a)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0025	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	**0.01**	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	**0.024**	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0018	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	**0.032**	-
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	**0.0045 J**	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0029	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	< 0.57	-
Fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0021	-
Fluorene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0017	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0022	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0021	-
Pyrene	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0029	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.005	< 0.005	< 0.00023	< 0.00023	< 0.00022	< 0.00024	-	-	-	-	-	-	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.005	< 0.005	< 0.0006	< 0.00059	< 0.00058	< 0.00061	-	-	-	-	-	-	< 0.00061	< 0.0006
1,3,5-Trimethylbenzene	< 0.005	< 0.005	< 0.00056	< 0.00055	< 0.00055	< 0.00057	-	-	-	-	-	-	< 0.00057	< 0.00056
2-Butanone (Methyl Ethyl Ketone)	< 0.05	< 0.05	< 0.0039	< 0.0038	< 0.0037	< 0.0039	-	-	-	-	-	-	< 0.0039	< 0.0038
Acetone	< 0.05	< 0.05	< 0.0064	< 0.0063	< 0.0062	< 0.0065	-	-	-	-	-	-	< 0.0065	< 0.0064
Benzene	< 0.005	< 0.005	< 0.00013	< 0.00013	< 0.00013	< 0.00014	-	-	-	-	-	-	< 0.00013	< 0.00013
Chloroform (Trichloromethane)	< 0.005	< 0.005	< 0.00024	< 0.00024	< 0.00024	< 0.00025	-	-	-	-	-	-	< 0.00025	< 0.00024
cis-1,2-Dichloroethene	< 0.005	< 0.005	< 0.00029	< 0.00028	< 0.00028	< 0.00029	-	-	-	-	-	-	< 0.00029	< 0.00028
Cymene (p-Isopropyltoluene)	< 0.005	< 0.005	< 0.00064	< 0.00063	< 0.00063	< 0.00066	-	-	-	-	-	-	< 0.00065	< 0.00064
Methyl Tert Butyl Ether	< 0.005	< 0.005	< 0.0003	< 0.0003	< 0.00029	< 0.00031	-	-	-	-	-	-	< 0.00031	< 0.0003
Methylene chloride	< 0.05	< 0.05	< 0.0014	< 0.0013	< 0.0013	< 0.0014	-	-	-	-	-	-	< 0.0014	< 0.0014
Naphthalene	< 0.05	< 0.05	< 0.00083	< 0.00082	< 0.00081	< 0.00085	-	-	-	-	-	-	< 0.00084	< 0.00083
n-Butylbenzene	< 0.005	< 0.005	< 0.00016	< 0.00016	< 0.00016	< 0.00016	-	-	-	-	-	-	< 0.00016	< 0.00016
Tetrachloroethene	< 0.005	< 0.005	< 0.00021	< 0.00021	< 0.00021	< 0.00022	-	-	-	-	-	-	< 0.00022	< 0.00021
trans-1,2-Dichloroethene	< 0.005	< 0.005	< 0.00052	< 0.00051	< 0.0005	< 0.00053	-	-	-	-	-	-	< 0.00052	< 0.00052
Trichloroethene	< 0.005	< 0.005	< 0.00031	< 0.0003	< 0.0003	< 0.00031	-	-	-	-	-	-	< 0.00031	**0.00064 J**

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-03A	B29-03A	B29-03B	B29-03B	B29-04	B29-04	B29-05	B29-05	B29-05A	B29-05A	B29-05B	B29-05B	B29-05C	B29-05C
Sample Name	B29-03A-010	B29-03A-030	B29-03B-010	B29-03B-030	B29-04-1	B29-04-5	B29-05-2	B29-05-5	B29-05A-020	B29-05A-030	B29-05B-020	B29-05B-030	B29-05C-020	B29-05C-030
Sample Date	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/27/2016	6/27/2016	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020
Sample Depth (bgs)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)
Metals (mg/kg)														
Antimony	-	-	-	-	< 0.145	< 0.154	**1.18**	< 0.156	-	-	-	-	-	-
Arsenic	**20.4**	**1.44 J**	**21.9**	**1.1 J**	**2.7**	**5.07**	**4.59**	**2.85**	-	-	-	-	-	-
Barium	-	-	-	-	**71.6**	**66.2**	**50.4**	**44.5**	-	-	-	-	-	-
Beryllium	-	-	-	-	**0.269**	**0.295**	**0.168 J**	**0.335**	-	-	-	-	-	-
Cadmium	-	-	-	-	**0.37 J**	**0.333 J**	**0.401 J**	**0.287 J**	-	-	-	-	-	-
Chromium	-	-	-	-	**13.7**	**9.24**	**8.14**	**12.3**	-	-	-	-	-	-
Cobalt	-	-	-	-	**8.77**	**5.93**	**4.55**	**8.81**	-	-	-	-	-	-
Copper	-	-	-	-	**17.1**	**10.9**	**23.8**	**10.7**	-	-	-	-	-	-
Lead	-	-	-	-	**7.6**	**4.82**	**17.5**	**6.34**	-	-	-	-	-	-
Mercury	-	-	-	-	**0.0133 J**	< 0.00559	**0.0198 J**	**0.0132 J**	-	-	-	-	-	-
Molybdenum	-	-	-	-	< 0.128	**0.352**	**0.851**	< 0.138	-	-	-	-	-	-
Nickel	-	-	-	-	**6.27**	**7.78**	**7.18**	**6.32**	-	-	-	-	-	-
Selenium	-	-	-	-	**0.387 J**	< 0.31	< 0.3	**0.643 J**	-	-	-	-	-	-
Silver	-	-	-	-	< 0.0832	< 0.0888	< 0.0857	< 0.0897	-	-	-	-	-	-
Thallium	-	-	-	-	< 0.147	< 0.157	< 0.152	< 0.159	-	-	-	-	-	-
Vanadium	-	-	-	-	**40.5**	**32.3**	**19.5**	**37.9**	-	-	-	-	-	-
Zinc	-	-	-	-	**25.6**	**30.5**	**30.7**	**23.9**	-	-	-	-	-	-
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	-	-	-	-	< 0.021	< 0.021	< 0.021	< 0.021	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035
Aroclor-1221 (PCB-1221)	-	-	-	-	< 0.042	< 0.042	< 0.042	< 0.043	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537
Aroclor-1232 (PCB-1232)	-	-	-	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417
Aroclor-1242 (PCB-1242)	-	-	-	-	< 0.037	< 0.037	< 0.037	< 0.037	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318
Aroclor-1248 (PCB-1248)	-	-	-	-	< 0.032	< 0.032	< 0.032	< 0.032	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315
Aroclor-1254 (PCB-1254)	-	-	-	-	< 0.032	< 0.032	< 0.032	< 0.032	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472
Aroclor-1260 (PCB-1260)	-	-	-	-	< 0.03	< 0.03	**1.3**	< 0.031	**0.0997**	**0.00566 J**	**0.127**	< 0.00494	**0.0132 J**	**0.0129 J**
Aroclor-1262 (PCB-1262)	-	-	-	-	< 0.035	< 0.035	< 0.035	< 0.035	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	< 0.033	< 0.033	< 0.033	< 0.034	-	-	-	-	-	-
Total PCBs	-	-	-	-	< 0.042	< 0.042	**1.3**	< 0.043	**0.0997**	**0.00566**	**0.127**	< 0.00537	**0.0132**	**0.0129**
PEST (mg/kg)														
4,4'-DDD	-	-	-	-	-	-	< 0.0024	-	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-	< 0.0022	-	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-	**0.021**	-	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-	< 0.0022	-	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-	< 0.0037	-	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-	< 0.0025	-	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-	< 0.026	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	< 0.0044	-	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-	< 0.0022	-	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-	< 0.002	-	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-	< 0.0024	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-	< 0.0026	-	-	-	-	-	-	-
Endrin	-	-	-	-	-	-	< 0.0024	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	< 0.003	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	< 0.0025	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-	< 0.0022	-	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-	< 0.0022	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	< 0.0037	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	< 0.0027	-	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-	< 0.045	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-03A	B29-03A	B29-03B	B29-03B	B29-04	B29-04	B29-05	B29-05	B29-05A	B29-05A	B29-05B	B29-05B	B29-05C	B29-05C
Sample Name	B29-03A-010	B29-03A-030	B29-03B-010	B29-03B-030	B29-04-1	B29-04-5	B29-05-2	B29-05-5	B29-05A-020	B29-05A-030	B29-05B-020	B29-05B-030	B29-05C-020	B29-05C-030
Sample Date	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/27/2016	6/27/2016	6/28/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/10/2020
Sample Depth (bgs)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	2.5 - 3 (ft)
SVOCs (mg/kg)														
Acenaphthene	-	-	-	-	-	-	< 0.0041	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	< 0.0042	-	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	**0.0075 J**	-	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-	**0.008 J**	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	**0.016**	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	**0.018**	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	< 0.0018	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	**0.025**	-	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-	**0.016**	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	< 0.003	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	< 0.56	-	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-	**0.12**	-	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	< 0.0017	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	< 0.0022	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	**0.045**	-	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-	**0.029**	-	-	-	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	-	-	-	-	< 0.00022	< 0.00023	< 0.00023	< 0.00023	-	-	-	-	-	-
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	-	-	-	-	< 0.00058	< 0.00059	< 0.0006	< 0.00059	-	-	-	-	-	-
1,3,5-Trimethylbenzene	-	-	-	-	< 0.00054	< 0.00055	< 0.00056	< 0.00056	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	-	-	-	-	< 0.0037	< 0.0038	< 0.0039	< 0.0038	-	-	-	-	-	-
Acetone	-	-	-	-	< 0.0062	< 0.0063	< 0.0064	< 0.0063	-	-	-	-	-	-
Benzene	-	-	-	-	< 0.00013	< 0.00013	< 0.00013	< 0.00013	-	-	-	-	-	-
Chloroform (Trichloromethane)	-	-	-	-	< 0.00024	< 0.00024	**0.0005 J**	**0.00079 J**	-	-	-	-	-	-
cis-1,2-Dichloroethene	-	-	-	-	< 0.00028	< 0.00028	< 0.00029	< 0.00028	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	-	-	-	< 0.00062	< 0.00063	< 0.00065	< 0.00064	-	-	-	-	-	-
Methyl Tert Butyl Ether	-	-	-	-	< 0.00029	< 0.0003	< 0.0003	< 0.0003	-	-	-	-	-	-
Methylene chloride	-	-	-	-	< 0.0013	< 0.0013	< 0.0014	< 0.0014	-	-	-	-	-	-
Naphthalene	-	-	-	-	< 0.00081	< 0.00082	< 0.00084	< 0.00082	-	-	-	-	-	-
n-Butylbenzene	-	-	-	-	< 0.00015	< 0.00016	< 0.00016	< 0.00016	-	-	-	-	-	-
Tetrachloroethene	-	-	-	-	< 0.00021	< 0.00021	< 0.00022	< 0.00021	-	-	-	-	-	-
trans-1,2-Dichloroethene	-	-	-	-	< 0.0005	< 0.00051	< 0.00052	< 0.00051	-	-	-	-	-	-
Trichloroethene	-	-	-	-	< 0.0003	< 0.0003	**0.015**	**0.014**	-	-	-	-	-	-

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-06	B29-06	B29-07	B29-07	B29-07A	B29-07A	B29-07B	B29-07B	B29-08	B29-08	B29-09	B29-09	B29-10	B29-10
Sample Name	B29-06-1	B29-06-5	B29-07-1	B29-07-3	B29-07A-010	B29-07A-030	B29-07B-010	B29-07B-030	B29-08-1	B29-08-5	B29-09-1	B29-09-5	B29-10-1	B29-10-5
Sample Date	6/29/2016	6/29/2016	6/29/2016	6/29/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/28/2016	6/28/2016	6/29/2016	6/29/2016	6/28/2016	6/28/2016
Sample Depth (bgs)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
Metals (mg/kg)														
Antimony	< 0.145	< 0.145	< 0.143	< 0.145	-	-	-	-	< 0.144	< 0.147	**0.208 J**	< 0.154	< 0.143	< 0.15
Arsenic	**2.02**	**4.86**	**21.8**	**2.86**	**24.6**	**1.98 J**	**22**	**1.63 J**	**2.16**	**4.56**	**5.76**	**1.27**	**5.81**	**2.25**
Barium	**71.6**	**48.8**	**130**	**73.1**	-	-	-	-	**55.4**	**37.3**	**37.2**	**52.1**	**58.9**	**197**
Beryllium	**0.395**	**0.257**	**0.404**	**0.401**	-	-	-	-	**0.364**	**0.407**	**0.228 J**	**0.227 J**	**0.232 J**	**0.494**
Cadmium	**0.306 J**	**0.473 J**	**0.262 J**	**0.385 J**	-	-	-	-	**0.236 J**	**0.295 J**	**0.398 J**	**0.175 J**	**0.908**	**0.283 J**
Chromium	**16**	**11.8**	**7**	**16**	-	-	-	-	**11.3**	**13.5**	**11.2**	**8.04**	**10.7**	**14.7**
Cobalt	**9.87**	**6.88**	**2.71**	**5.5**	-	-	-	-	**8.91**	**6.27**	**6.53**	**5.7**	**6.21**	**7.95**
Copper	**8.32**	**21.8**	**6.97**	**8.18**	-	-	-	-	**5.75**	**10.2**	**23.1**	**3.05**	**35.4**	**6.49**
Lead	**4.92**	**12.5**	**7.82**	**3.58**	-	-	-	-	**4.93**	**8.29**	**13**	**3.02**	**21.7**	**4.57**
Mercury	**0.00779 J**	**0.0357 J**	< 0.00587	**0.0102 J**	-	-	-	-	**0.0203 J**	**0.0168 J**	**0.0233 J**	< 0.00559	**0.0515 J**	**0.0114 J**
Molybdenum	< 0.128	**0.219 J**	**0.221 J**	< 0.129	-	-	-	-	< 0.128	< 0.13	**0.143 J**	< 0.137	**0.275**	< 0.133
Nickel	**8.88**	**6.35**	**4.59**	**6.28**	-	-	-	-	**8.18**	**6.84**	**4.67**	**4.33**	**7.41**	**7.73**
Selenium	< 0.291	**0.516 J**	**0.753**	< 0.292	-	-	-	-	< 0.289	< 0.295	< 0.295	**0.334 J**	< 0.287	< 0.301
Silver	< 0.0832	< 0.0832	< 0.0824	< 0.0836	-	-	-	-	< 0.0828	< 0.0844	< 0.0844	< 0.0888	< 0.082	< 0.0861
Thallium	< 0.147	< 0.147	**0.338 J**	**0.376 J**	-	-	-	-	**0.168 J**	**0.173 J**	**0.488 J**	**0.172 J**	< 0.145	**0.409 J**
Vanadium	**46.4**	**32.8**	**16.6**	**44.5**	-	-	-	-	**33.3**	**34.3**	**27.2**	**26.7**	**26.9**	**39.3**
Zinc	**31**	**47.5**	**33.9**	**29.4**	-	-	-	-	**20.8**	**25.4**	**31.8**	**13.7**	**53.1**	**28.9**
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	< 0.021	< 0.021	< 0.021	< 0.021	-	-	-	-	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021
Aroclor-1221 (PCB-1221)	< 0.042	< 0.042	< 0.042	< 0.042	-	-	-	-	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042
Aroclor-1232 (PCB-1232)	< 0.025	< 0.025	< 0.025	< 0.025	-	-	-	-	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Aroclor-1242 (PCB-1242)	< 0.037	< 0.037	< 0.037	< 0.037	-	-	-	-	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037
Aroclor-1248 (PCB-1248)	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-	-	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032
Aroclor-1254 (PCB-1254)	< 0.032	< 0.032	< 0.032	< 0.031	-	-	-	-	< 0.031	< 0.032	< 0.031	< 0.032	< 0.031	< 0.032
Aroclor-1260 (PCB-1260)	< 0.03	< 0.03	< 0.03	< 0.03	-	-	-	-	**0.17**	**0.036 J**	< 0.03	< 0.03	< 0.03	< 0.03
Aroclor-1262 (PCB-1262)	< 0.035	< 0.035	< 0.035	< 0.034	-	-	-	-	< 0.034	< 0.035	< 0.034	< 0.035	< 0.034	< 0.035
Aroclor-1268 (PCB-1268)	< 0.033	< 0.033	< 0.033	< 0.033	-	-	-	-	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033
Total PCBs	< 0.042	< 0.042	< 0.042	< 0.042	-	-	-	-	**0.17**	**0.036**	< 0.042	< 0.042	< 0.042	< 0.042
PEST (mg/kg)														
4,4'-DDD	-	-	< 0.0024	-	-	-	-	-	-	-	< 0.0023	-	-	-
4,4'-DDE	-	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022	-	-	-
4,4'-DDT	-	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022	-	-	-
Aldrin	-	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022	-	-	-
alpha-BHC	-	-	< 0.0037	-	-	-	-	-	-	-	< 0.0037	-	-	-
beta-BHC	-	-	< 0.0025	-	-	-	-	-	-	-	< 0.0025	-	-	-
Chlordane	-	-	< 0.026	-	-	-	-	-	-	-	< 0.026	-	-	-
delta-BHC	-	-	< 0.0044	-	-	-	-	-	-	-	< 0.0044	-	-	-
Dieldrin	-	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022	-	-	-
Endosulfan I	-	-	< 0.002	-	-	-	-	-	-	-	< 0.002	-	-	-
Endosulfan II	-	-	< 0.0024	-	-	-	-	-	-	-	< 0.0023	-	-	-
Endosulfan sulfate	-	-	< 0.0026	-	-	-	-	-	-	-	< 0.0026	-	-	-
Endrin	-	-	< 0.0024	-	-	-	-	-	-	-	< 0.0023	-	-	-
Endrin aldehyde	-	-	< 0.003	-	-	-	-	-	-	-	< 0.003	-	-	-
Endrin ketone	-	-	< 0.0025	-	-	-	-	-	-	-	< 0.0025	-	-	-
gamma-BHC (Lindane)	-	-	< 0.0022	-	-	-	-	-	-	-	< 0.0022	-	-	-
Heptachlor	-	-	< 0.0022	-	-	-	-	-	-	-	< 0.0021	-	-	-
Heptachlor epoxide	-	-	< 0.0037	-	-	-	-	-	-	-	< 0.0037	-	-	-
Methoxychlor	-	-	< 0.0027	-	-	-	-	-	-	-	< 0.0027	-	-	-
Toxaphene	-	-	< 0.045	-	-	-	-	-	-	-	< 0.044	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-06	B29-06	B29-07	B29-07	B29-07A	B29-07A	B29-07B	B29-07B	B29-08	B29-08	B29-09	B29-09	B29-10	B29-10
Sample Name	B29-06-1	B29-06-5	B29-07-1	B29-07-3	B29-07A-010	B29-07A-030	B29-07B-010	B29-07B-030	B29-08-1	B29-08-5	B29-09-1	B29-09-5	B29-10-1	B29-10-5
Sample Date	6/29/2016	6/29/2016	6/29/2016	6/29/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	6/28/2016	6/28/2016	6/29/2016	6/29/2016	6/28/2016	6/28/2016
Sample Depth (bgs)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	2.5 - 3 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)
SVOCs (mg/kg)														
Acenaphthene	**0.028**	-	< 0.004	-	-	-	-	-	-	< 0.32	< 0.063	-	< 0.31	-
Acenaphthylene	**0.015 J**	-	< 0.0042	-	-	-	-	-	-	< 0.3	< 0.06	-	< 0.3	-
Anthracene	< 0.002	-	< 0.002	-	-	-	-	-	-	< 0.32	< 0.063	-	< 0.31	-
Benzo(a)anthracene	< 0.0024	-	< 0.0025	-	-	-	-	-	-	< 0.28	< 0.057	-	< 0.28	-
Benzo(a)pyrene	**0.02**	-	**0.011**	-	-	-	-	-	-	< 0.27	< 0.054	-	< 0.27	-
Benzo(b)fluoranthene	**0.017**	-	**0.01**	-	-	-	-	-	-	< 0.32	< 0.064	-	< 0.32	-
Benzo(g,h,i)perylene	**0.014**	-	**0.026**	-	-	-	-	-	-	< 0.28	< 0.055	-	< 0.27	-
Benzo(k)fluoranthene	**0.11**	-	**0.032**	-	-	-	-	-	-	< 0.32	< 0.065	-	< 0.32	-
Chrysene	**0.0025 J**	-	< 0.0021	-	-	-	-	-	-	< 0.32	< 0.064	-	< 0.32	-
Dibenz(a,h)anthracene	< 0.0029	-	< 0.0029	-	-	-	-	-	-	< 0.23	< 0.046	-	< 0.23	-
Dimethyl phthalate	-	-	< 0.56	-	-	-	-	-	-	< 0.57	< 0.11	-	< 0.56	-
Fluoranthene	< 0.0021	-	< 0.0021	-	-	-	-	-	-	< 0.31	< 0.062	-	< 0.31	-
Fluorene	**0.0034 J**	-	< 0.0017	-	-	-	-	-	-	< 0.32	< 0.063	-	< 0.31	-
Indeno(1,2,3-cd)pyrene	< 0.0022	-	< 0.0022	-	-	-	-	-	-	< 0.27	< 0.053	-	< 0.26	-
Phenanthrene	< 0.0021	-	< 0.0021	-	-	-	-	-	-	< 0.34	< 0.069	-	< 0.34	-
Pyrene	**0.01**	-	< 0.0029	-	-	-	-	-	-	< 0.38	< 0.077	-	< 0.38	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.00023	< 0.00022	< 0.00023	< 0.00023	-	-	-	-	< 0.00023	< 0.00024	< 0.00022	< 0.00022	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.0006	< 0.00057	< 0.0006	< 0.00061	-	-	-	-	< 0.00059	< 0.00061	< 0.00058	< 0.00058	< 0.00061	< 0.00059
1,3,5-Trimethylbenzene	< 0.00056	< 0.00053	< 0.00056	< 0.00057	-	-	-	-	< 0.00055	< 0.00058	< 0.00054	< 0.00054	< 0.00057	< 0.00055
2-Butanone (Methyl Ethyl Ketone)	< 0.0038	< 0.0037	< 0.0039	< 0.0039	-	-	-	-	< 0.0038	< 0.004	< 0.0037	< 0.0037	< 0.0039	< 0.0038
Acetone	< 0.0063	< 0.0061	< 0.0064	< 0.0065	-	-	-	-	< 0.0063	< 0.0065	< 0.0062	< 0.0062	< 0.0065	< 0.0063
Benzene	< 0.00013	< 0.00013	< 0.00013	< 0.00013	-	-	-	-	< 0.00013	< 0.00014	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Chloroform (Trichloromethane)	< 0.00024	< 0.00023	< 0.00024	< 0.00025	-	-	-	-	< 0.00024	< 0.00025	< 0.00024	< 0.00024	< 0.00025	< 0.00024
cis-1,2-Dichloroethene	< 0.00028	< 0.00027	< 0.00029	< 0.00029	-	-	-	-	< 0.00028	< 0.00029	< 0.00028	< 0.00028	< 0.00029	< 0.00028
Cymene (p-Isopropyltoluene)	< 0.00064	< 0.00061	< 0.00064	< 0.00065	-	-	-	-	< 0.00064	< 0.00066	< 0.00062	< 0.00062	< 0.00065	< 0.00063
Methyl Tert Butyl Ether	< 0.0003	< 0.00029	< 0.0003	< 0.00031	-	-	-	-	< 0.0003	< 0.00031	< 0.00029	< 0.00029	< 0.00031	< 0.0003
Methylene chloride	< 0.0014	< 0.0013	< 0.0014	< 0.0014	-	-	-	-	< 0.0014	< 0.0014	< 0.0013	< 0.0013	< 0.0014	< 0.0013
Naphthalene	< 0.00083	< 0.00079	< 0.00083	< 0.00084	-	-	-	-	< 0.00082	< 0.00085	< 0.00081	< 0.00081	< 0.00084	< 0.00082
n-Butylbenzene	< 0.00016	< 0.00015	< 0.00016	< 0.00016	-	-	-	-	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016
Tetrachloroethene	< 0.00021	< 0.0002	< 0.00021	< 0.00022	-	-	-	-	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00022	< 0.00021
trans-1,2-Dichloroethene	< 0.00051	< 0.00049	< 0.00052	< 0.00052	-	-	-	-	< 0.00051	< 0.00053	< 0.0005	< 0.0005	< 0.00052	< 0.00051
Trichloroethene	< 0.00031	< 0.00029	< 0.00031	< 0.00031	-	-	-	-	< 0.0003	< 0.00032	< 0.0003	< 0.0003	< 0.00031	< 0.0003

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-11	B29-11	B29-12	B29-12	B29-13	B29-13	B29-14	B29-14	B29-15	B29-15	B29-16	B29-16	B29-17	B29-17
Sample Name	**B29-11-1**	**B29-11-5**	**B29-12-1**	**B29-12-5**	**B29-13-4**	**B29-13-5**	**B29-14-1.5**	**B29-14-3**	**B29-15-1**	**B29-15-3**	**B29-16-1**	**B29-16-3**	**B29-17-1**	**B29-17-3**
Sample Date	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/29/2016**	**6/29/2016**	**6/29/2016**	**6/29/2016**	**6/28/2016**	**6/28/2016**	**6/29/2016**	**6/29/2016**
Sample Depth (bgs)	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**3.5 - 4 (ft)**	**4.5 - 5 (ft)**	**1 - 1.5 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**
Metals (mg/kg)														
Antimony	< 0.154	< 0.148	**0.226 J**	< 0.145	< 0.154	< 0.154	< 0.147	**0.294 J**	< 0.148	< 0.146	< 0.152	< 0.144	< 0.148	< 0.147
Arsenic	**2.12**	**4.59**	**1.45**	**1.75**	**3.85**	**3.16**	**1.29**	**2.31**	**5.18**	**2.39**	**2.73**	**1.25**	**2.96**	**2.58**
Barium	**96.1**	**26.5**	**57.8**	**72**	**143**	**54.3**	**30.9**	**34.4**	**18.4**	**43.9**	**56**	**36.8**	**55.1**	**43.5**
Beryllium	**0.391**	**0.183 J**	**0.154 J**	**0.526**	**0.352**	**0.399**	**0.276**	**0.564**	< 0.136	**0.523**	**0.253 J**	**0.161 J**	**0.242 J**	**0.627**
Cadmium	**0.278 J**	**0.252 J**	**0.215 J**	**0.264 J**	**0.372 J**	**0.327 J**	**0.245 J**	**0.285 J**	**0.356 J**	**0.263 J**	**0.3 J**	**0.172 J**	**0.275 J**	**0.336 J**
Chromium	**12.1**	**8.02**	**6.5**	**13.2**	**12.4**	**14.5**	**10**	**16**	**5.92**	**15.9**	**11.4**	**7.17**	**10.2**	**15.3**
Cobalt	**7.98**	**5.28**	**6.2**	**8.32**	**7.11**	**6.24**	**4.97**	**6.94**	**18**	**8.14**	**5.79**	**3.94**	**5.02**	**9.08**
Copper	**5.97**	**12.6**	**5.9**	**6.56**	**4.83**	**5.56**	**2.8**	**5.78**	**9.26**	**42.1**	**4.62**	**4.76**	**5.37**	**5.74**
Lead	**4.79**	**9.33**	**4.97**	**5.28**	**2.45**	**3.57**	**2.25**	**5.48**	**1.87**	**4.84**	**2.53**	**1.98**	**5.65**	**5.95**
Mercury	**0.00706 J**	**0.0115 J**	**0.0065 J**	**0.0181 J**	**0.0122 J**	**0.00769 J**	< 0.00559	**0.00897 J**	**0.00562 J**	**0.0161 J**	< 0.00597	< 0.00597	**0.00586 J**	**0.0177 J**
Molybdenum	< 0.137	< 0.131	**0.201 J**	< 0.129	< 0.137	< 0.137	< 0.131	< 0.13	< 0.131	< 0.129	< 0.135	< 0.128	< 0.131	< 0.13
Nickel	**8.08**	**3.56**	**7.28**	**8.53**	**6.24**	**6.25**	**4.12**	**8.93**	**3.02**	**9.46**	**4.54**	**2.94**	**4.03**	**9.63**
Selenium	< 0.31	**0.4 J**	< 0.3	< 0.292	**0.804**	< 0.31	**0.307 J**	< 0.295	**0.885**	< 0.294	< 0.306	< 0.289	< 0.298	**0.389 J**
Silver	< 0.0888	< 0.0853	< 0.0857	< 0.0836	< 0.0888	< 0.0888	< 0.0849	< 0.0844	**0.414**	< 0.084	< 0.0875	< 0.0828	< 0.0853	< 0.0844
Thallium	< 0.157	< 0.151	< 0.152	**0.314 J**	**0.248 J**	< 0.157	< 0.15	< 0.149	**0.285 J**	**0.358 J**	**0.243 J**	< 0.147	< 0.151	**0.39 J**
Vanadium	**35.6**	**20.2**	**29.7**	**34.9**	**39.1**	**41**	**39.4**	**37.5**	**21.9**	**40.9**	**37.8**	**25.9**	**33.7**	**36.4**
Zinc	**24.1**	**16**	**24.5**	**28.1**	**20.3**	**23.8**	**27**	**29**	**36.5**	**34.5**	**29.3**	**14.2**	**27.7**	**27.3**
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021
Aroclor-1221 (PCB-1221)	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.043	< 0.042	< 0.043	< 0.042	< 0.042
Aroclor-1232 (PCB-1232)	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Aroclor-1242 (PCB-1242)	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.038	< 0.037	< 0.037
Aroclor-1248 (PCB-1248)	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032
Aroclor-1254 (PCB-1254)	< 0.031	< 0.032	< 0.031	< 0.032	< 0.032	< 0.032	< 0.031	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.031	< 0.032
Aroclor-1260 (PCB-1260)	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.031	< 0.03	< 0.031	< 0.03	< 0.03
Aroclor-1262 (PCB-1262)	< 0.034	< 0.035	< 0.034	< 0.035	< 0.035	< 0.035	< 0.034	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.034	< 0.035
Aroclor-1268 (PCB-1268)	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.034	< 0.033	< 0.034	< 0.033	< 0.033
Total PCBs	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.043	< 0.042	< 0.043	< 0.042	< 0.042
PEST (mg/kg)														
4,4'-DDD	-	-	< 0.0023	-	< 0.0024	-	< 0.0023	-	-	-	-	-	-	-
4,4'-DDE	-	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
4,4'-DDT	-	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
Aldrin	-	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
alpha-BHC	-	-	< 0.0037	-	< 0.0037	-	< 0.0037	-	-	-	-	-	-	-
beta-BHC	-	-	< 0.0025	-	< 0.0025	-	< 0.0025	-	-	-	-	-	-	-
Chlordane	-	-	< 0.026	-	< 0.026	-	< 0.026	-	-	-	-	-	-	-
delta-BHC	-	-	< 0.0044	-	< 0.0044	-	< 0.0044	-	-	-	-	-	-	-
Dieldrin	-	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
Endosulfan I	-	-	< 0.002	-	< 0.002	-	< 0.002	-	-	-	-	-	-	-
Endosulfan II	-	-	< 0.0023	-	< 0.0023	-	< 0.0023	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	< 0.0026	-	< 0.0026	-	< 0.0026	-	-	-	-	-	-	-
Endrin	-	-	< 0.0023	-	< 0.0023	-	< 0.0023	-	-	-	-	-	-	-
Endrin aldehyde	-	-	< 0.003	-	< 0.003	-	< 0.003	-	-	-	-	-	-	-
Endrin ketone	-	-	< 0.0025	-	< 0.0025	-	< 0.0025	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
Heptachlor	-	-	< 0.0021	-	< 0.0022	-	< 0.0021	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	< 0.0037	-	< 0.0037	-	< 0.0037	-	-	-	-	-	-	-
Methoxychlor	-	-	< 0.0027	-	< 0.0027	-	< 0.0027	-	-	-	-	-	-	-
Toxaphene	-	-	< 0.044	-	< 0.045	-	< 0.044	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-11	B29-11	B29-12	B29-12	B29-13	B29-13	B29-14	B29-14	B29-15	B29-15	B29-16	B29-16	B29-17	B29-17
Sample Name	**B29-11-1**	**B29-11-5**	**B29-12-1**	**B29-12-5**	**B29-13-4**	**B29-13-5**	**B29-14-1.5**	**B29-14-3**	**B29-15-1**	**B29-15-3**	**B29-16-1**	**B29-16-3**	**B29-17-1**	**B29-17-3**
Sample Date	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/28/2016**	**6/29/2016**	**6/29/2016**	**6/29/2016**	**6/29/2016**	**6/28/2016**	**6/28/2016**	**6/29/2016**	**6/29/2016**
Sample Depth (bgs)	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**3.5 - 4 (ft)**	**4.5 - 5 (ft)**	**1 - 1.5 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**	**0.5 - 1 (ft)**	**2.5 - 3 (ft)**
SVOCs (mg/kg)														
Acenaphthene	< 0.063	-	< 0.004	-	< 0.004	-	-	-	< 0.004	< 0.004	-	-	-	-
Acenaphthylene	< 0.059	-	< 0.0042	-	< 0.0041	-	-	-	< 0.0041	< 0.0042	-	-	-	-
Anthracene	< 0.063	-	< 0.002	-	< 0.002	-	-	-	< 0.002	< 0.002	-	-	-	-
Benzo(a)anthracene	< 0.057	-	< 0.0025	-	< 0.0024	-	-	-	< 0.0024	< 0.0025	-	-	-	-
Benzo(a)pyrene	< 0.054	-	**0.048**	-	< 0.002	-	-	-	< 0.002	< 0.002	-	-	-	-
Benzo(b)fluoranthene	< 0.063	-	**0.071**	-	< 0.0021	-	-	-	< 0.0021	< 0.0021	-	-	-	-
Benzo(g,h,i)perylene	< 0.055	-	**0.025**	-	< 0.0018	-	-	-	< 0.0018	< 0.0018	-	-	-	-
Benzo(k)fluoranthene	< 0.065	-	**0.065**	-	< 0.0017	-	-	-	< 0.0017	< 0.0017	-	-	-	-
Chrysene	< 0.064	-	< 0.0021	-	< 0.002	-	-	-	< 0.002	< 0.0021	-	-	-	-
Dibenz(a,h)anthracene	< 0.046	-	**0.63**	-	< 0.0029	-	-	-	< 0.0029	< 0.0029	-	-	-	-
Dimethyl phthalate	**0.25 J**	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	< 0.062	-	< 0.0021	-	< 0.0021	-	-	-	< 0.0021	< 0.0021	-	-	-	-
Fluorene	< 0.063	-	< 0.0017	-	< 0.0017	-	-	-	< 0.0017	< 0.0017	-	-	-	-
Indeno(1,2,3-cd)pyrene	< 0.053	-	**0.72**	-	< 0.0022	-	-	-	< 0.0022	< 0.0022	-	-	-	-
Phenanthrene	< 0.068	-	**0.0063 J**	-	< 0.0021	-	-	-	**0.0022 J**	< 0.0021	-	-	-	-
Pyrene	< 0.076	-	**0.017**	-	< 0.0029	-	-	-	< 0.0029	< 0.0029	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00023	< 0.00023	< 0.00023	< 0.00022	< 0.00022	< 0.00022	< 0.00023	< 0.00022	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.00058	< 0.00061	< 0.00061	< 0.00059	< 0.0006	< 0.00061	< 0.00059	< 0.00056	< 0.00058	< 0.00058	< 0.0006	< 0.00057	< 0.00059	< 0.0006
1,3,5-Trimethylbenzene	< 0.00054	< 0.00057	< 0.00057	< 0.00055	< 0.00056	< 0.00057	< 0.00056	< 0.00052	< 0.00054	< 0.00055	< 0.00057	< 0.00054	< 0.00055	< 0.00056
2-Butanone (Methyl Ethyl Ketone)	< 0.0037	< 0.0039	< 0.0039	< 0.0038	< 0.0039	< 0.0039	< 0.0038	< 0.0036	< 0.0037	< 0.0038	< 0.0039	< 0.0037	< 0.0038	< 0.0038
Acetone	< 0.0062	< 0.0065	< 0.0065	< 0.0062	< 0.0064	< 0.0065	**0.012 J**	< 0.006	**0.01 J**	< 0.0062	< 0.0064	< 0.0061	< 0.0063	**0.0069 J**
Benzene	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00012	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Chloroform (Trichloromethane)	< 0.00024	< 0.00025	< 0.00025	< 0.00024	< 0.00025	< 0.00025	< 0.00024	< 0.00023	< 0.00024	< 0.00024	< 0.00025	< 0.00023	< 0.00024	< 0.00024
cis-1,2-Dichloroethene	< 0.00028	< 0.00029	< 0.00029	< 0.00028	< 0.00029	< 0.00029	**0.00032 J**	**0.00047 J**	< 0.00028	< 0.00028	< 0.00029	< 0.00027	< 0.00028	< 0.00028
Cymene (p-Isopropyltoluene)	< 0.00062	< 0.00065	< 0.00065	< 0.00063	< 0.00065	< 0.00065	< 0.00064	< 0.0006	< 0.00062	< 0.00063	< 0.00065	< 0.00062	< 0.00063	< 0.00064
Methyl Tert Butyl Ether	< 0.00029	< 0.00031	< 0.00031	< 0.00029	< 0.0003	< 0.00031	< 0.0003	< 0.00028	< 0.00029	< 0.00029	< 0.0003	< 0.00029	< 0.0003	< 0.0003
Methylene chloride	< 0.0013	< 0.0014	< 0.0014	< 0.0013	< 0.0014	< 0.0014	< 0.0014	< 0.0013	< 0.0013	< 0.0013	< 0.0014	< 0.0013	< 0.0013	< 0.0014
Naphthalene	< 0.0008	< 0.00084	< 0.00084	< 0.00081	< 0.00084	< 0.00085	< 0.00083	< 0.00078	< 0.0008	< 0.00081	< 0.00084	< 0.0008	< 0.00082	< 0.00083
n-Butylbenzene	< 0.00015	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00015	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00016	< 0.00016
Tetrachloroethene	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.00022	< 0.00022	< 0.00021	< 0.0002	< 0.00021	< 0.00021	< 0.00022	< 0.00021	< 0.00021	< 0.00021
trans-1,2-Dichloroethene	< 0.0005	< 0.00052	< 0.00052	< 0.0005	< 0.00052	< 0.00053	< 0.00051	< 0.00048	< 0.0005	< 0.0005	< 0.00052	< 0.0005	< 0.00051	< 0.00051
Trichloroethene	< 0.0003	< 0.00031	< 0.00031	< 0.0003	< 0.00031	< 0.00031	**0.0042 J**	**0.002 J**	< 0.0003	**0.0018 J**	< 0.00031	< 0.00029	< 0.0003	< 0.00031

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-18	B29-18	B29-19	B29-19	B29-20	B29-20	B29-21	B29-22	B29-22	B29-23	B29-23	B29-24	B29-24	B29-25
Sample Name	**B29-18-1.5**	**B29-18-3**	**B29-19-2**	**B29-19-5**	**B29-20-1**	**B29-20-2**	**B29-21-1**	**B29-22-010**	**B29-22-050**	**B29-23-010**	**B29-23-050**	**B29-24-010**	**B29-24-050**	**B29-25-010**
Sample Date	**6/29/2016**	**6/29/2016**	**6/29/2016**	**6/29/2016**	**6/27/2016**	**6/27/2016**	**6/28/2016**	**1/10/2020**	**1/10/2020**	**1/10/2020**	**1/10/2020**	**1/14/2020**	**1/14/2020**	**1/9/2020**
Sample Depth (bgs)	**1 - 1.5 (ft)**	**2.5 - 3 (ft)**	**1.5 - 2 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**1.5 - 2 (ft)**	**0.5 - 1 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**
Metals (mg/kg)														
Antimony	< 0.143	**0.221 J**	**0.352 J**	< 0.148	< 0.155	< 0.143	< 0.148	-	-	-	-	-	-	-
Arsenic	**1.5**	**1.56**	**2.09**	**1.49**	**1.41**	**1.61**	**7.59**	-	-	-	-	-	-	-
Barium	**32.6**	**35.8**	**26.8**	**52.7**	**77.4**	**38.8**	**40.7**	-	-	-	-	-	-	-
Beryllium	**0.273**	**0.501**	**0.6**	**0.358**	**0.211 J**	**0.241**	**0.152 J**	-	-	-	-	-	-	-
Cadmium	**0.215 J**	**0.239 J**	**0.283 J**	**0.163 J**	**0.406 J**	**0.158 J**	**0.424 J**	-	-	-	-	-	-	-
Chromium	**9.26**	**12.6**	**14.2**	**9.39**	**8.11**	**7.29**	**9.37**	-	-	-	-	-	-	-
Cobalt	**6.41**	**8.37**	**6.4**	**5.38**	**4.37**	**4.48**	**6.2**	-	-	-	-	-	-	-
Copper	**6.02**	**5.38**	**5.43**	**4.57**	**7.17**	**4.2**	**12.8**	-	-	-	-	-	-	-
Lead	**6.95**	**5.78**	**5.29**	**3.54**	**41**	**5.14**	**2.02**	-	-	-	-	-	-	-
Mercury	**0.0168 J**	**0.02 J**	**0.0233 J**	**0.0108 J**	**0.0359 J**	< 0.00559	**0.00898 J**	-	-	-	-	-	-	-
Molybdenum	< 0.127	< 0.128	< 0.131	< 0.131	< 0.137	< 0.126	**0.271**	-	-	-	-	-	-	-
Nickel	**7.75**	**7.58**	**8.09**	**5.63**	**3.61**	**4.37**	**3.41**	-	-	-	-	-	-	-
Selenium	< 0.288	< 0.291	< 0.297	< 0.298	< 0.312	< 0.287	**1.14**	-	-	-	-	-	-	-
Silver	< 0.0824	< 0.0832	< 0.0849	< 0.0853	< 0.0893	< 0.082	**0.114 J**	-	-	-	-	-	-	-
Thallium	< 0.146	**0.21 J**	< 0.15	< 0.151	**0.197 J**	< 0.145	< 0.151	-	-	-	-	-	-	-
Vanadium	**24.5**	**34.4**	**35.8**	**26**	**20.8**	**22.8**	**27.8**	-	-	-	-	-	-	-
Zinc	**17.8**	**23.6**	**28.6**	**18.5**	**255**	**29.6**	**41.3**	-	-	-	-	-	-	-
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.043	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	< 0.032	< 0.031	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.031	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	< 0.035	< 0.034	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.034	-	-	-	-	-	-	-
Total PCBs	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.043	-	-	-	-	-	-	-
PEST (mg/kg)														
4,4'-DDD	< 0.0024	-	< 0.0024	-	< 0.0024	-	< 0.0024	-	-	-	-	-	-	-
4,4'-DDE	< 0.0022	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
4,4'-DDT	< 0.0022	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
Aldrin	< 0.0022	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
alpha-BHC	< 0.0037	-	< 0.0037	-	< 0.0037	-	< 0.0037	-	-	-	-	-	-	-
beta-BHC	< 0.0025	-	< 0.0025	-	< 0.0025	-	< 0.0025	-	-	-	-	-	-	-
Chlordane	< 0.026	-	< 0.026	-	< 0.026	-	< 0.026	-	-	-	-	-	-	-
delta-BHC	< 0.0044	-	< 0.0044	-	< 0.0044	-	< 0.0044	-	-	-	-	-	-	-
Dieldrin	< 0.0022	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
Endosulfan I	< 0.002	-	< 0.002	-	< 0.002	-	< 0.002	-	-	-	-	-	-	-
Endosulfan II	< 0.0024	-	< 0.0023	-	< 0.0023	-	< 0.0024	-	-	-	-	-	-	-
Endosulfan sulfate	< 0.0026	-	< 0.0026	-	< 0.0026	-	< 0.0026	-	-	-	-	-	-	-
Endrin	< 0.0024	-	< 0.0023	-	< 0.0023	-	< 0.0024	-	-	-	-	-	-	-
Endrin aldehyde	< 0.003	-	< 0.003	-	< 0.003	-	< 0.003	-	-	-	-	-	-	-
Endrin ketone	< 0.0025	-	< 0.0025	-	< 0.0025	-	< 0.0025	-	-	-	-	-	-	-
gamma-BHC (Lindane)	< 0.0022	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
Heptachlor	< 0.0022	-	< 0.0022	-	< 0.0022	-	< 0.0022	-	-	-	-	-	-	-
Heptachlor epoxide	< 0.0037	-	< 0.0037	-	< 0.0037	-	< 0.0037	-	-	-	-	-	-	-
Methoxychlor	< 0.0027	-	< 0.0027	-	< 0.0027	-	< 0.0027	-	-	-	-	-	-	-
Toxaphene	< 0.045	-	< 0.045	-	< 0.045	-	< 0.045	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-18	B29-18	B29-19	B29-19	B29-20	B29-20	B29-21	B29-22	B29-22	B29-23	B29-23	B29-24	B29-24	B29-25
Sample Name	B29-18-1.5	B29-18-3	B29-19-2	B29-19-5	B29-20-1	B29-20-2	B29-21-1	B29-22-010	B29-22-050	B29-23-010	B29-23-050	B29-24-010	B29-24-050	B29-25-010
Sample Date	6/29/2016	6/29/2016	6/29/2016	6/29/2016	6/27/2016	6/27/2016	6/28/2016	1/10/2020	1/10/2020	1/10/2020	1/10/2020	1/14/2020	1/14/2020	1/9/2020
Sample Depth (bgs)	1 - 1.5 (ft)	2.5 - 3 (ft)	1.5 - 2 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	1.5 - 2 (ft)	0.5 - 1 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)
SVOCs (mg/kg)														
Acenaphthene	< 0.004	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	< 0.0042	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	< 0.002	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	< 0.0025	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	**0.015**	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	**0.015**	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	**0.018**	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	**0.031**	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	< 0.0021	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	**0.19**	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	< 0.0021	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	< 0.0017	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	**0.33**	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	< 0.0021	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	**0.0037 J**	-	-	-	-	-	-	-	-	-	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.00022	< 0.00022	< 0.00023	< 0.00023	< 0.00022	< 0.00022	< 0.00023	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115
1,2,4-Trimethylbenzene	< 0.00057	< 0.00058	< 0.0006	< 0.00061	< 0.00057	< 0.00058	**0.0052**	< 0.00116	< 0.00116	< 0.00116	< 0.00116	**0.00117 J**	< 0.00116	< 0.00116
1,3,5-Trimethylbenzene	< 0.00054	< 0.00054	< 0.00056	< 0.00057	< 0.00053	< 0.00054	**0.0018 J**	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
2-Butanone (Methyl Ethyl Ketone)	< 0.0037	< 0.0037	< 0.0038	< 0.0039	< 0.0036	< 0.0037	< 0.0038	**0.0339**	**0.0355**	**0.0308**	**0.0304**	**0.0197 J**	**0.0229 J**	**0.037**
Acetone	< 0.0061	< 0.0062	< 0.0063	< 0.0065	< 0.006	< 0.0061	**0.015 J**	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137
Benzene	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Chloroform (Trichloromethane)	< 0.00023	< 0.00024	< 0.00024	< 0.00025	< 0.00023	< 0.00024	< 0.00024	**0.00425**	< 0.000415	**0.0102**	< 0.000415	**0.019 J**	**0.00255 J**	< 0.000415
cis-1,2-Dichloroethene	< 0.00027	< 0.00028	< 0.00028	< 0.00029	< 0.00027	< 0.00028	< 0.00028	< 0.00069	< 0.00069	**0.00153 J**	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Cymene (p-Isopropyltoluene)	< 0.00062	< 0.00062	< 0.00064	< 0.00065	< 0.00061	< 0.00062	**0.00066 J**	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233
Methyl Tert Butyl Ether	< 0.00029	< 0.00029	< 0.0003	< 0.00031	< 0.00029	< 0.00029	< 0.0003	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295
Methylene chloride	< 0.0013	< 0.0013	< 0.0014	< 0.0014	< 0.0013	< 0.0013	< 0.0013	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664
Naphthalene	< 0.0008	< 0.0008	< 0.00083	< 0.00084	< 0.00079	< 0.0008	< 0.00082	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312
n-Butylbenzene	< 0.00015	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00015	**0.00067 J**	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384
Tetrachloroethene	< 0.00021	< 0.00021	< 0.00021	< 0.00022	< 0.0002	< 0.00021	**0.00054 J**	< 0.0007	< 0.0007	**0.00117 J**	< 0.0007	**0.00163 J**	< 0.0007	< 0.0007
trans-1,2-Dichloroethene	< 0.0005	< 0.0005	< 0.00051	< 0.00052	< 0.00049	< 0.0005	< 0.00051	< 0.00143	< 0.00143	**0.0018 J**	< 0.00143	< 0.00143	< 0.00143	< 0.00143
Trichloroethene	< 0.00029	< 0.0003	< 0.00031	< 0.00031	< 0.00029	< 0.0003	**0.00079 J**	**1.33**	**0.0474**	**37.8**	**0.0502**	**7.83**	**0.0925**	< 0.0004

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-25	B29-26	B29-26	B29-27	B29-27	B29-28	B29-28	B29-29	B29-29	B29-30	B29-30	B29-31	B29-31	B29-32A
Sample Name	**B29-25-050**	**B29-26-050**	**B29-26-10**	**B29-27-010**	**B29-27-050**	**B29-28-010**	**B29-28-050**	**B29-29-010**	**B29-29-050**	**B29-30-010**	**B29-30-050**	**B29-31-010**	**B29-31-050**	**B29-32A-010**
Sample Date	**1/9/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/14/2020**
Sample Depth (bgs)	**4.5 - 5 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**
Metals (mg/kg)														
Antimony	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.0035
Aroclor-1221 (PCB-1221)	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.00537
Aroclor-1232 (PCB-1232)	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.00417
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.00318
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.00315
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.00472
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.00494
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	-	-	-	-	-	-	-	-	-	-	-	-	-	< 0.00537
PEST (mg/kg)														
4,4'-DDD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-25	B29-26	B29-26	B29-27	B29-27	B29-28	B29-28	B29-29	B29-29	B29-30	B29-30	B29-31	B29-31	B29-32A
Sample Name	**B29-25-050**	**B29-26-050**	**B29-26-10**	**B29-27-010**	**B29-27-050**	**B29-28-010**	**B29-28-050**	**B29-29-010**	**B29-29-050**	**B29-30-010**	**B29-30-050**	**B29-31-010**	**B29-31-050**	**B29-32A-010**
Sample Date	**1/9/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/14/2020**
Sample Depth (bgs)	**4.5 - 5 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**
SVOCs (mg/kg)														
Acenaphthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.000278	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275
1,2,3-Trimethylbenzene	< 0.00116	< 0.00115	**0.00125 J**	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	**0.00124 J**	< 0.00115	< 0.00115	< 0.00115	< 0.00115
1,2,4-Trimethylbenzene	< 0.00117	< 0.00116	**0.00303 J**	< 0.00116	< 0.00116	**0.00155 J**	< 0.00116	< 0.00116	< 0.00116	**0.00139 J**	< 0.00116	< 0.00116	< 0.00116	< 0.00116
1,3,5-Trimethylbenzene	< 0.00109	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
2-Butanone (Methyl Ethyl Ketone)	**0.0455**	**0.0235 J**	**0.029**	**0.0235 J**	**0.0267**	**0.0264**	**0.0227 J**	**0.0273**	**0.0303**	**0.0487**	**0.0481**	**0.0497**	**0.0391**	**0.0183 J**
Acetone	< 0.0138	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137
Benzene	< 0.000404	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.0004 J**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Chloroform (Trichloromethane)	< 0.000419	**0.00095 J**	**0.00333 J**	**0.00193 J**	< 0.000415	**0.0155**	< 0.000415	< 0.000415	< 0.000415	**0.000916 J**	< 0.000415	< 0.000415	< 0.000415	< 0.000415
cis-1,2-Dichloroethene	< 0.000697	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Cymene (p-Isopropyltoluene)	< 0.00235	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233
Methyl Tert Butyl Ether	< 0.000298	< 0.000295	< 0.000295	< 0.000295	**0.000675 J**	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295
Methylene chloride	< 0.00671	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	**0.0104 J**	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664
Naphthalene	< 0.00315	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312
n-Butylbenzene	< 0.00388	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384
Tetrachloroethene	< 0.000707	< 0.0007	**0.0309**	**0.0325**	< 0.0007	**1.26**	**0.00117 J**	**0.216**	**0.0115**	< 0.0007	< 0.0007	< 0.0007	< 0.0007	**0.0117**
trans-1,2-Dichloroethene	< 0.00144	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143
Trichloroethene	< 0.000404	**0.0186**	**0.737**	**0.275**	**0.00273**	**1.43**	**0.00228**	**0.0779**	**0.00313**	**0.0229**	< 0.0004	**0.0011**	< 0.0004	< 0.0004

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-32A	B29-32B	B29-32B	B29-32C	B29-32C	B29-33A	B29-33A	B29-33B	B29-33B	B29-33C	B29-33C	B29-34A	B29-34A	B29-34B
Sample Name	**B29-32A-050**	**B29-32B-010**	**B29-32B-050**	**B29-32C-010**	**B29-32C-050**	**B29-33A-010**	**B29-33A-050**	**B29-33B-010**	**B29-33B-050**	**B29-33C-010**	**B29-33C-050**	**B29-34A-010**	**B29-34A-050**	**B29-34B-010**
Sample Date	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/8/2020**	**1/8/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/8/2020**	**1/8/2020**	**1/8/2020**
Sample Depth (bgs)	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**1.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**
Metals (mg/kg)														
Antimony	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035
Aroclor-1221 (PCB-1221)	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537
Aroclor-1232 (PCB-1232)	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417
Aroclor-1242 (PCB-1242)	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	**0.148**	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318
Aroclor-1248 (PCB-1248)	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315
Aroclor-1254 (PCB-1254)	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	**0.077**	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472
Aroclor-1260 (PCB-1260)	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	**0.225**	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537
PEST (mg/kg)														
4,4'-DDD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-32A	B29-32B	B29-32B	B29-32C	B29-32C	B29-33A	B29-33A	B29-33B	B29-33B	B29-33C	B29-33C	B29-34A	B29-34A	B29-34B
Sample Name	**B29-32A-050**	**B29-32B-010**	**B29-32B-050**	**B29-32C-010**	**B29-32C-050**	**B29-33A-010**	**B29-33A-050**	**B29-33B-010**	**B29-33B-050**	**B29-33C-010**	**B29-33C-050**	**B29-34A-010**	**B29-34A-050**	**B29-34B-010**
Sample Date	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/14/2020**	**1/8/2020**	**1/8/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/9/2020**	**1/8/2020**	**1/8/2020**	**1/8/2020**
Sample Depth (bgs)	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**1.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**
SVOCs (mg/kg)														
Acenaphthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.000275	< 0.000275	< 0.000275	**0.000525 J**	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275
1,2,3-Trimethylbenzene	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	**0.00788**	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115
1,2,4-Trimethylbenzene	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	**0.00473 J**	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116
1,3,5-Trimethylbenzene	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	**0.00183 J**	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108
2-Butanone (Methyl Ethyl Ketone)	**0.0193 J**	**0.016 J**	**0.0177 J**	< 0.0125	**0.0158 J**	**0.0461**	**0.046**	**0.0366**	**0.0631**	< 0.0125	**0.0357**	**0.041**	**0.0438**	**0.0427**
Acetone	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	**0.0675**	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137
Benzene	< 0.0004	< 0.0004	< 0.0004	**0.000725 J**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Chloroform (Trichloromethane)	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	**0.000441 J**	< 0.000415
cis-1,2-Dichloroethene	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Cymene (p-Isopropyltoluene)	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233
Methyl Tert Butyl Ether	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295
Methylene chloride	**0.00953 J**	< 0.00664	< 0.00664	< 0.00664	**0.00913 J**	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664
Naphthalene	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	**0.0113 J**	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312
n-Butylbenzene	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384
Tetrachloroethene	< 0.0007	**0.00818**	< 0.0007	**0.173**	**0.00268**	< 0.0007	< 0.0007	< 0.0007	**0.00153 J**	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007
trans-1,2-Dichloroethene	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143
Trichloroethene	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.00725**	< 0.0004	**0.323**	**0.000925 J**	< 0.0004	< 0.0004	< 0.0004	< 0.0004

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-34B	B29-34C	B29-34C	B29-35A	B29-35A	B29-35B	B29-35B	B29-35C	B29-35C	DGA-003	DGA-003	DGA-003	DGA-004	DGA-004
Sample Name	B29-34B-050	B29-34C-010	B29-34C-050	B29-35A-010	B29-35A-050	B29-35B-010	B29-35B-050	B29-35C-010	B29-35C-050	DGA-003-1	DGA-003-10	DGA-003-5	DGA-004-1	DGA-004-10
Sample Date	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	1/8/2020	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022
Sample Depth (bgs)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	0.5 - 1 (ft)	4.5 - 5 (ft)	1 (ft)	10 (ft)	5 (ft)	1 (ft)	10 (ft)
Metals (mg/kg)														
Antimony	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	< 0.0035	-	-	-	-	-
Aroclor-1221 (PCB-1221)	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	-	-	-	-	-
Aroclor-1232 (PCB-1232)	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	< 0.00417	-	-	-	-	-
Aroclor-1242 (PCB-1242)	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	< 0.00318	-	-	-	-	-
Aroclor-1248 (PCB-1248)	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	< 0.00315	-	-	-	-	-
Aroclor-1254 (PCB-1254)	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	< 0.00472	-	-	-	-	-
Aroclor-1260 (PCB-1260)	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	< 0.00494	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	< 0.00537	-	-	-	-	-
PEST (mg/kg)														
4,4'-DDD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-34B	B29-34C	B29-34C	B29-35A	B29-35A	B29-35B	B29-35B	B29-35C	B29-35C	DGA-003	DGA-003	DGA-003	DGA-004	DGA-004
Sample Name	**B29-34B-050**	**B29-34C-010**	**B29-34C-050**	**B29-35A-010**	**B29-35A-050**	**B29-35B-010**	**B29-35B-050**	**B29-35C-010**	**B29-35C-050**	**DGA-003-1**	**DGA-003-10**	**DGA-003-5**	**DGA-004-1**	**DGA-004-10**
Sample Date	**1/8/2020**	**1/8/2020**	**1/8/2020**	**1/8/2020**	**1/8/2020**	**1/8/2020**	**1/8/2020**	**1/8/2020**	**1/8/2020**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**
Sample Depth (bgs)	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**0.5 - 1 (ft)**	**4.5 - 5 (ft)**	**1 (ft)**	**10 (ft)**	**5 (ft)**	**1 (ft)**	**10 (ft)**
SVOCs (mg/kg)														
Acenaphthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.000275	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	< 0.00115	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00116	< 0.00059	< 0.00058	< 0.0006	< 0.00059	< 0.0006
1,3,5-Trimethylbenzene	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00108	< 0.00026	< 0.00026	< 0.00027	< 0.00026	< 0.00027
2-Butanone (Methyl Ethyl Ketone)	**0.0472**	**0.0485**	**0.0437**	**0.046**	**0.0466**	**0.0453**	**0.0457**	**0.0398**	**0.0535**	< 0.0045	< 0.0044	< 0.0045	< 0.0045	< 0.0045
Acetone	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0137	< 0.0097	< 0.0095	**0.021**	**0.044 F1**	< 0.0098
Benzene	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00026
Chloroform (Trichloromethane)	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.000415	< 0.00058	< 0.00057	< 0.00059	< 0.00058	< 0.00059
cis-1,2-Dichloroethene	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	**0.0274**	< 0.00033	< 0.00033	< 0.00034	< 0.00033	< 0.00034
Cymene (p-Isopropyltoluene)	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00233	< 0.00028	< 0.00027	< 0.00028	< 0.00028	< 0.00028
Methyl Tert Butyl Ether	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	< 0.000295	-	-	-	-	-
Methylene chloride	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	< 0.00664	-	-	-	-	-
Naphthalene	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.00312	< 0.0051	< 0.0051	< 0.0052	< 0.0051	< 0.0052
n-Butylbenzene	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00384	< 0.00021	< 0.0002	< 0.00021	< 0.00021	< 0.00021
Tetrachloroethene	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.0007	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
trans-1,2-Dichloroethene	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.00143	< 0.0003	< 0.00029	< 0.0003	< 0.0003	< 0.0003
Trichloroethene	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.00553**	< 0.00038	< 0.00038	< 0.00039	< 0.00038	< 0.00038

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-004	DGA-007	DGA-007	DGA-007	DGA-008	DGA-008	DGA-008	DGA-009	DGA-009	DGA-009	DGA-011	DGA-011	DGA-011	DGA-013
Sample Name	DGA-004-5	DGA-007-1	DGA-007-5	DGA-007-9.5	DGA-008-1	DGA-008-5	DGA-008-9.5	DGA-009-1	DGA-009-10	DGA-009-5	DGA-011-10	DGA-011-3.5	DGA-011-5	DGA-013-1
Sample Date	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/8/2022	3/9/2022
Sample Depth (bgs)	5 (ft)	1 (ft)	5 (ft)	9.5 (ft)	1 (ft)	5 (ft)	9.5 (ft)	1 (ft)	10 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	1 (ft)
Metals (mg/kg)														
Antimony	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEST (mg/kg)														
4,4'-DDD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-004	DGA-007	DGA-007	DGA-007	DGA-008	DGA-008	DGA-008	DGA-009	DGA-009	DGA-009	DGA-011	DGA-011	DGA-011	DGA-013
Sample Name	**DGA-004-5**	**DGA-007-1**	**DGA-007-5**	**DGA-007-9.5**	**DGA-008-1**	**DGA-008-5**	**DGA-008-9.5**	**DGA-009-1**	**DGA-009-10**	**DGA-009-5**	**DGA-011-10**	**DGA-011-3.5**	**DGA-011-5**	**DGA-013-1**
Sample Date	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/8/2022**	**3/9/2022**
Sample Depth (bgs)	**5 (ft)**	**1 (ft)**	**5 (ft)**	**9.5 (ft)**	**1 (ft)**	**5 (ft)**	**9.5 (ft)**	**1 (ft)**	**10 (ft)**	**5 (ft)**	**10 (ft)**	**3.5 (ft)**	**5 (ft)**	**1 (ft)**
SVOCs (mg/kg)														
Acenaphthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.00059	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.00059	< 0.0006	< 0.0006	< 0.0006	< 0.00059
1,3,5-Trimethylbenzene	< 0.00026	< 0.00027	< 0.00026	< 0.00026	< 0.00026	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00026	< 0.00027	< 0.00026	< 0.00027	< 0.00026
2-Butanone (Methyl Ethyl Ketone)	< 0.0044	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0044	< 0.0045	< 0.0045	< 0.0045	< 0.0045
Acetone	**0.054**	< 0.0098	< 0.0098	< 0.0098	< 0.0098	**0.024**	**0.02**	< 0.0098	< 0.0098	**0.042**	< 0.0098	< 0.0098	< 0.0098	< 0.0097
Benzene	< 0.00025	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00025	< 0.00026	< 0.00026	< 0.00026	< 0.00025
Chloroform (Trichloromethane)	< 0.00058	< 0.00059	< 0.00058	< 0.00058	< 0.00058	< 0.00059	< 0.00059	< 0.00059	< 0.00059	< 0.00058	< 0.00059	< 0.00058	< 0.00059	< 0.00058
cis-1,2-Dichloroethene	**0.027**	< 0.00034	< 0.00033	< 0.00033	< 0.00033	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00033	< 0.00034	< 0.00033	< 0.00034	< 0.00033
Cymene (p-Isopropyltoluene)	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Methyl Tert Butyl Ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	< 0.0051	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.0051	< 0.0052	< 0.0052	< 0.0052	< 0.0051
n-Butylbenzene	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Tetrachloroethene	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
trans-1,2-Dichloroethene	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Trichloroethene	**0.0029**	< 0.00039	< 0.00038	< 0.00038	< 0.00038	**0.0032**	< 0.00039	< 0.00039	< 0.00039	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-013	DGA-013	DGA-014	DGA-014	DGA-014	DGA-015	DGA-015	DGA-015	DGA-016	DGA-016	DGA-016	DGA-017	DGA-017	DGA-017
Sample Name	DGA-013-10	DGA-013-5	DGA-014-10	DGA-014-3.5	DGA-014-5	DGA-015-1	DGA-015-10	DGA-015-5	DGA-016-1	DGA-016-10	DGA-016-5	DGA-017-1	DGA-017-10	DGA-017-5
Sample Date	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022
Sample Depth (bgs)	10 (ft)	5 (ft)	10 (ft)	3.5 (ft)	5 (ft)	1 (ft)	10 (ft)	5 (ft)	1 (ft)	10 (ft)	5 (ft)	1 (ft)	10 (ft)	5 (ft)
Metals (mg/kg)														
Antimony	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEST (mg/kg)														
4,4'-DDD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-013	DGA-013	DGA-014	DGA-014	DGA-014	DGA-015	DGA-015	DGA-015	DGA-016	DGA-016	DGA-016	DGA-017	DGA-017	DGA-017
Sample Name	**DGA-013-10**	**DGA-013-5**	**DGA-014-10**	**DGA-014-3.5**	**DGA-014-5**	**DGA-015-1**	**DGA-015-10**	**DGA-015-5**	**DGA-016-1**	**DGA-016-10**	**DGA-016-5**	**DGA-017-1**	**DGA-017-10**	**DGA-017-5**
Sample Date	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**
Sample Depth (bgs)	**10 (ft)**	**5 (ft)**	**10 (ft)**	**3.5 (ft)**	**5 (ft)**	**1 (ft)**	**10 (ft)**	**5 (ft)**	**1 (ft)**	**10 (ft)**	**5 (ft)**	**1 (ft)**	**10 (ft)**	**5 (ft)**
SVOCs (mg/kg)														
Acenaphthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.00059	< 0.00059	< 0.0006	< 0.00058	< 0.0006	< 0.00059	< 0.00059	< 0.0006	< 0.00059	< 0.0006	< 0.00059	< 0.0006	< 0.00059	< 0.00059
1,3,5-Trimethylbenzene	< 0.00026	< 0.00026	< 0.00027	< 0.00026	< 0.00027	< 0.00026	< 0.00026	< 0.00027	< 0.00026	< 0.00027	< 0.00026	< 0.00027	< 0.00026	< 0.00026
2-Butanone (Methyl Ethyl Ketone)	< 0.0044	< 0.0044	< 0.0045	< 0.0044	< 0.0045	< 0.0045	< 0.0044	< 0.0045	< 0.0044	< 0.0045	< 0.0045	< 0.0045	< 0.0044	< 0.0045
Acetone	< 0.0097	< 0.0097	< 0.0098	< 0.0096	< 0.0098	< 0.0097	< 0.0096	< 0.0098	< 0.0096	< 0.0098	< 0.0097	**0.022**	< 0.0097	< 0.0097
Benzene	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00026	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00026	< 0.00025	< 0.00026	< 0.00025	< 0.00025
Chloroform (Trichloromethane)	< 0.00058	< 0.00058	< 0.00059	< 0.00057	< 0.00059	< 0.00058	< 0.00058	< 0.00059	< 0.00058	< 0.00059	< 0.00058	< 0.00059	< 0.00058	< 0.00058
cis-1,2-Dichloroethene	< 0.00033	< 0.00033	< 0.00034	< 0.00033	< 0.00034	< 0.00033	< 0.00033	< 0.00034	< 0.00033	< 0.00034	< 0.00033	< 0.00034	< 0.00033	< 0.00033
Cymene (p-Isopropyltoluene)	< 0.00028	< 0.00028	< 0.00028	< 0.00027	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Methyl Tert Butyl Ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	< 0.0051	< 0.0051	< 0.0052	< 0.0051	< 0.0052	< 0.0052	< 0.0051	< 0.0052	< 0.0051	< 0.0052	< 0.0052	< 0.0052	< 0.0051	< 0.0052
n-Butylbenzene	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Tetrachloroethene	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
trans-1,2-Dichloroethene	< 0.0003	< 0.0003	< 0.0003	< 0.00029	< 0.0003	< 0.0003	< 0.00029	< 0.0003	< 0.00029	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Trichloroethene	< 0.00038	< 0.00038	< 0.00039	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00039	< 0.00038	< 0.00039	< 0.00038	< 0.00039	< 0.00038	< 0.00038

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-019	DGA-019	DGA-019	DGA-021	DGA-021	DGA-021	DGA-022	DGA-022	DGA-022	DGA-024	DGA-024	DGA-024	DGA-025	DGA-025
Sample Name	DGA-019-1	DGA-019-10	DGA-019-6.5	DGA-021-1	DGA-021-10	DGA-021-5	DGA-022-1	DGA-022-10	DGA-022-5	DGA-024-1	DGA-024-3	DGA-024-4.5	DGA-025-1.5	DGA-025-3
Sample Date	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/9/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022	3/10/2022
Sample Depth (bgs)	1 (ft)	10 (ft)	6.5 (ft)	1 (ft)	10 (ft)	5 (ft)	1 (ft)	10 (ft)	5 (ft)	1 (ft)	3 (ft)	4.5 (ft)	1.5 (ft)	3 (ft)
Metals (mg/kg)														
Antimony	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs (mg/kg)														
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1221 (PCB-1221)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1232 (PCB-1232)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PCBs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PEST (mg/kg)														
4,4'-DDD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-019	DGA-019	DGA-019	DGA-021	DGA-021	DGA-021	DGA-022	DGA-022	DGA-022	DGA-024	DGA-024	DGA-024	DGA-025	DGA-025
Sample Name	**DGA-019-1**	**DGA-019-10**	**DGA-019-6.5**	**DGA-021-1**	**DGA-021-10**	**DGA-021-5**	**DGA-022-1**	**DGA-022-10**	**DGA-022-5**	**DGA-024-1**	**DGA-024-3**	**DGA-024-4.5**	**DGA-025-1.5**	**DGA-025-3**
Sample Date	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/9/2022**	**3/10/2022**	**3/10/2022**	**3/10/2022**	**3/10/2022**	**3/10/2022**
Sample Depth (bgs)	**1 (ft)**	**10 (ft)**	**6.5 (ft)**	**1 (ft)**	**10 (ft)**	**5 (ft)**	**1 (ft)**	**10 (ft)**	**5 (ft)**	**1 (ft)**	**3 (ft)**	**4.5 (ft)**	**1.5 (ft)**	**3 (ft)**
SVOCs (mg/kg)														
Acenaphthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOCs (mg/kg)														
1,1,1-Trichloroethane	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.00059	< 0.0006	< 0.0006	< 0.00059	< 0.00059	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.00059	< 0.00059	< 0.00059	< 0.00059	< 0.0006
1,3,5-Trimethylbenzene	< 0.00026	< 0.00027	< 0.00027 F1	< 0.00026	< 0.00026	< 0.00026	< 0.00027	< 0.00027	< 0.00027	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
2-Butanone (Methyl Ethyl Ketone)	< 0.0044	< 0.0045	< 0.0045	< 0.0044	< 0.0044	< 0.0045	< 0.0045	< 0.0045	< 0.0045	< 0.0044	< 0.0045	< 0.0044	< 0.0044	< 0.0045
Acetone	< 0.0097	< 0.0098	< 0.0098	< 0.0097	< 0.0096	< 0.0098	< 0.0098	< 0.0098	< 0.0098	< 0.0096	< 0.0097	< 0.0097	**0.022**	< 0.0098
Benzene	< 0.00025	< 0.00026	< 0.00026	< 0.00025	< 0.00025	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00026
Chloroform (Trichloromethane)	< 0.00058	< 0.00059	< 0.00059	< 0.00058 F2	< 0.00058	< 0.00058	< 0.00059	< 0.00059	< 0.00059	**0.0013**	< 0.00058	**0.0016**	**0.0024**	< 0.00058
cis-1,2-Dichloroethene	< 0.00033	< 0.00034	< 0.00034	< 0.00033 F2	< 0.00033	< 0.00033	< 0.00034	< 0.00034	< 0.00034	< 0.00033	< 0.00033	< 0.00033	< 0.00033	< 0.00033
Cymene (p-Isopropyltoluene)	< 0.00028	< 0.00028	< 0.00028 F1	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Methyl Tert Butyl Ether	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	< 0.0051	< 0.0052	< 0.0052	< 0.0051	< 0.0051	< 0.0052	< 0.0052	< 0.0052	< 0.0052	< 0.0051	< 0.0051	< 0.0051	< 0.0051	< 0.0052
n-Butylbenzene	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Tetrachloroethene	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	**0.0011**	< 0.00022
trans-1,2-Dichloroethene	< 0.0003	< 0.0003	< 0.0003	< 0.0003 F2	< 0.00029	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.00029	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Trichloroethene	< 0.00038	< 0.00038	< 0.00039	< 0.00038	< 0.00038	< 0.00038	< 0.00039	< 0.00039	< 0.00038	**0.43**	**0.16**	**0.041**	**0.58**	**0.051**

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-025	DGA-026	DGA-026	DGA-026	NCW-021B	B15	PW-07	PW-11	PW-12	PW-15	UT-22	UT-22	UT-23
Sample Name	**DGA-025-5**	**DGA-026-3**	**DGA-026-4.5**	**DGA-026-6**	**NCW-021-B-050**	**OMPPA-B15-5**	**PW07-1.5**	**PW11-1.5**	**PW12-1.5**	**PW15-1**	**SSS00320 (UT-22-01)**	**SSS00321 (UT-22-05)**	**SSS00322 (UT-23-01)**
Sample Date	**3/10/2022**	**3/10/2022**	**3/10/2022**	**3/10/2022**	**3/8/2022**	**9/13/2005**	**7/28/2020**	**7/28/2020**	**7/28/2020**	**7/28/2020**	**4/23/2013**	**4/23/2013**	**4/23/2013**
Sample Depth (bgs)	**5 (ft)**	**3 (ft)**	**4.5 (ft)**	**6 (ft)**	**5 (ft)**	**5 (ft)**	**1.5 - 1.5 (ft)**	**1.5 - 1.5 (ft)**	**1.5 - 1.5 (ft)**	**1.5 - 1.5 (ft)**	**1 (ft)**	**5 (ft)**	**1 (ft)**
Metals (mg/kg)													
Antimony	-	-	-	-	< 4.51	-	< 3.2	< 2.8	< 3.2	< 2.7	-	-	-
Arsenic	-	-	-	-	< 1.13	-	**5.7**	**5**	**4.5**	**2.8**	-	-	-
Barium	-	-	-	-	**61.2**	-	**51**	**31**	**54**	**54**	-	-	-
Beryllium	-	-	-	-	< 0.112	-	< 0.53	< 0.47	< 0.54	< 0.45	-	-	-
Cadmium	-	-	-	-	< 0.11	-	**0.96**	< 0.47	< 0.54	< 0.45	-	-	-
Chromium	-	-	-	-	**18.7**	-	**13**	**8.5**	**14**	**15**	-	-	-
Cobalt	-	-	-	-	**7.88**	-	**5.7**	**4.5**	**5.6**	**5.6**	-	-	-
Copper	-	-	-	-	**11.5**	-	**41**	**14**	**12**	**5**	-	-	-
Lead	-	-	-	-	**2.23**	-	**26**	**11**	**10**	**1.6**	-	-	-
Mercury	-	-	-	-	< 0.0135	-	< 0.13	< 0.13	< 0.13	< 0.14	-	-	-
Molybdenum	-	-	-	-	< 0.627	-	< 1.1	< 0.94	< 1.1	< 0.91	-	-	-
Nickel	-	-	-	-	**9.18**	-	**8.7**	**4.6**	**7**	**5**	-	-	-
Selenium	-	-	-	-	< 1.08	-	< 3.2	< 2.8	< 3.2	< 2.7	-	-	-
Silver	-	-	-	-	< 0.582	-	< 0.53	< 0.47	< 0.54	< 0.45	-	-	-
Thallium	-	-	-	-	< 5.95	-	< 3.2	< 2.8	< 3.2	< 2.7	-	-	-
Vanadium	-	-	-	-	**61.9**	-	**33**	**19**	**37**	**51**	-	-	-
Zinc	-	-	-	-	**32.7**	-	**51**	**19**	**45**	**34**	-	-	-
PCBs (mg/kg)													
Aroclor-1016 (PCB-1016)	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.014
Aroclor-1221 (PCB-1221)	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.013
Aroclor-1232 (PCB-1232)	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.011
Aroclor-1242 (PCB-1242)	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.012
Aroclor-1248 (PCB-1248)	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.014
Aroclor-1254 (PCB-1254)	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.012
Aroclor-1260 (PCB-1260)	-	-	-	-	-	-	< 0.05	**0.18**	< 0.05	< 0.05	-	-	< 0.011
Aroclor-1262 (PCB-1262)	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	< 0.012
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-	< 0.05	< 0.05	< 0.05	< 0.05	-	-	-
Total PCBs	-	-	-	-	-	-	< 0.05	**0.18**	< 0.05	< 0.05	-	-	< 0.014
PEST (mg/kg)													
4,4'-DDD	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-	-	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-	-	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-025	DGA-026	DGA-026	DGA-026	NCW-021B	B15	PW-07	PW-11	PW-12	PW-15	UT-22	UT-22	UT-23
Sample Name	**DGA-025-5**	**DGA-026-3**	**DGA-026-4.5**	**DGA-026-6**	**NCW-021-B-050**	**OMPPA-B15-5**	**PW07-1.5**	**PW11-1.5**	**PW12-1.5**	**PW15-1**	**SSS00320 (UT-22-01)**	**SSS00321 (UT-22-05)**	**SSS00322 (UT-23-01)**
Sample Date	**3/10/2022**	**3/10/2022**	**3/10/2022**	**3/10/2022**	**3/8/2022**	**9/13/2005**	**7/28/2020**	**7/28/2020**	**7/28/2020**	**7/28/2020**	**4/23/2013**	**4/23/2013**	**4/23/2013**
Sample Depth (bgs)	**5 (ft)**	**3 (ft)**	**4.5 (ft)**	**6 (ft)**	**5 (ft)**	**5 (ft)**	**1.5 - 1.5 (ft)**	**1.5 - 1.5 (ft)**	**1.5 - 1.5 (ft)**	**1.5 - 1.5 (ft)**	**1 (ft)**	**5 (ft)**	**1 (ft)**
SVOCs (mg/kg)													
Acenaphthene	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-	-	-	-	-	-	-	-
VOCs (mg/kg)													
1,1,1-Trichloroethane	< 0.00023	< 0.00023 F2	< 0.00023	< 0.00023	< 0.00023	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00023	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.00059	< 0.00059	< 0.0006	< 0.00059	< 0.00059	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00059	< 0.00059	< 0.00059
1,3,5-Trimethylbenzene	< 0.00026	< 0.00026	< 0.00027	< 0.00026	< 0.00026	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00055	< 0.00055	< 0.00055
2-Butanone (Methyl Ethyl Ketone)	< 0.0044	< 0.0045	< 0.0045	< 0.0044	< 0.0044	< 0.05	< 0.11	< 0.14	< 0.085	-	< 0.0038	< 0.0038	< 0.0038
Acetone	< 0.0096	< 0.0097 F2	< 0.0098	< 0.0096	< 0.0096	< 0.05	**0.15**	**0.21**	**0.15**	-	< 0.0062	< 0.0062	< 0.0062
Benzene	< 0.00025	< 0.00025	< 0.00026	< 0.00025	< 0.00025	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00013	< 0.00013	< 0.00013
Chloroform (Trichloromethane)	**0.0011**	< 0.00058 F2F1	< 0.00059	< 0.00058	< 0.00058	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00024	< 0.00024	< 0.00024
cis-1,2-Dichloroethene	< 0.00033	< 0.00033 F2F1	< 0.00034	< 0.00033	< 0.00033	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00028	< 0.00028	< 0.00028
Cymene (p-Isopropyltoluene)	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00063	< 0.00063	< 0.00063
Methyl Tert Butyl Ether	-	-	-	-	-	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.0003	< 0.0003	< 0.0003
Methylene chloride	-	-	-	-	-	< 0.05	< 0.0057	< 0.0071	< 0.0042	-	< 0.0013	< 0.0013	< 0.0013
Naphthalene	< 0.0051	< 0.0051	< 0.0052	< 0.0051	< 0.0051	< 0.05	< 0.0057	< 0.0071	< 0.0042	-	< 0.00081	< 0.00081	< 0.00081
n-Butylbenzene	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00016	< 0.00016	< 0.00016
Tetrachloroethene	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.005	< 0.0057	< 0.0071	**0.0047**	-	< 0.00021	< 0.00021	< 0.00021
trans-1,2-Dichloroethene	< 0.00029	< 0.0003 F2F1	< 0.0003	< 0.00029	< 0.00029	< 0.005	< 0.0057	< 0.0071	< 0.0042	-	< 0.00051	< 0.00051	< 0.00051
Trichloroethene	**0.033**	**0.0042 F2**	**0.0045**	**0.0034**	< 0.00038	< 0.005	**0.023**	< 0.0071	< 0.0042	-	< 0.0003	< 0.0003	< 0.0003

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**UT-23**	**UT-24**	**UT-24**	**UT-25**	**UT-25**	**UT-25**
Sample Name	**SSS00323 (UT-23-05)**	**SSS00324 (UT-24-01)**	**SSS00325 (UT-24-05)**	**SSS00326 (UT-25-01)**	**SSS00327 (UT-25-05)**	**SSS00420 (UT-25-01A)**
Sample Date	**4/23/2013**	**4/23/2013**	**4/23/2013**	**4/29/2013**	**4/29/2013**	**4/23/2013**
Sample Depth (bgs)	**5 (ft)**	**1 (ft)**	**5 (ft)**	**1 (ft)**	**5 (ft)**	**1 (ft)**
Metals (mg/kg)						
Antimony	-	-	-	-	-	-
Arsenic	-	-	-	-	-	-
Barium	-	-	-	-	-	-
Beryllium	-	-	-	-	-	-
Cadmium	-	-	-	-	-	-
Chromium	-	-	-	-	-	-
Cobalt	-	-	-	-	-	-
Copper	-	-	-	-	-	-
Lead	-	-	-	-	-	-
Mercury	-	-	-	-	-	-
Molybdenum	-	-	-	-	-	-
Nickel	-	-	-	-	-	-
Selenium	-	-	-	-	-	-
Silver	-	-	-	-	-	-
Thallium	-	-	-	-	-	-
Vanadium	-	-	-	-	-	-
Zinc	-	-	-	-	-	-
PCBs (mg/kg)						
Aroclor-1016 (PCB-1016)	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014
Aroclor-1221 (PCB-1221)	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Aroclor-1232 (PCB-1232)	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011
Aroclor-1242 (PCB-1242)	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Aroclor-1248 (PCB-1248)	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014
Aroclor-1254 (PCB-1254)	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Aroclor-1260 (PCB-1260)	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011
Aroclor-1262 (PCB-1262)	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012
Aroclor-1268 (PCB-1268)	-	-	-	-	-	-
Total PCBs	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014
PEST (mg/kg)						
4,4'-DDD	-	-	-	-	-	-
4,4'-DDE	-	-	-	-	-	-
4,4'-DDT	-	-	-	-	-	-
Aldrin	-	-	-	-	-	-
alpha-BHC	-	-	-	-	-	-
beta-BHC	-	-	-	-	-	-
Chlordane	-	-	-	-	-	-
delta-BHC	-	-	-	-	-	-
Dieldrin	-	-	-	-	-	-
Endosulfan I	-	-	-	-	-	-
Endosulfan II	-	-	-	-	-	-
Endosulfan sulfate	-	-	-	-	-	-
Endrin	-	-	-	-	-	-
Endrin aldehyde	-	-	-	-	-	-
Endrin ketone	-	-	-	-	-	-
gamma-BHC (Lindane)	-	-	-	-	-	-
Heptachlor	-	-	-	-	-	-
Heptachlor epoxide	-	-	-	-	-	-
Methoxychlor	-	-	-	-	-	-
Toxaphene	-	-	-	-	-	-

TABLE A-2
SUMMARY OF SOIL QUALITY DATA - BUILDING 29 EXPOSURE AREA
ROHR, INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**UT-23**	**UT-24**	**UT-24**	**UT-25**	**UT-25**	**UT-25**
Sample Name	**SSS00323 (UT-23-05)**	**SSS00324 (UT-24-01)**	**SSS00325 (UT-24-05)**	**SSS00326 (UT-25-01)**	**SSS00327 (UT-25-05)**	**SSS00420 (UT-25-01A)**
Sample Date	**4/23/2013**	**4/23/2013**	**4/23/2013**	**4/29/2013**	**4/29/2013**	**4/23/2013**
Sample Depth (bgs)	**5 (ft)**	**1 (ft)**	**5 (ft)**	**1 (ft)**	**5 (ft)**	**1 (ft)**
SVOCs (mg/kg)						
Acenaphthene	-	-	-	-	-	-
Acenaphthylene	-	-	-	-	-	-
Anthracene	-	-	-	-	-	-
Benzo(a)anthracene	-	-	-	-	-	-
Benzo(a)pyrene	-	-	-	-	-	-
Benzo(b)fluoranthene	-	-	-	-	-	-
Benzo(g,h,i)perylene	-	-	-	-	-	-
Benzo(k)fluoranthene	-	-	-	-	-	-
Chrysene	-	-	-	-	-	-
Dibenz(a,h)anthracene	-	-	-	-	-	-
Dimethyl phthalate	-	-	-	-	-	-
Fluoranthene	-	-	-	-	-	-
Fluorene	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	-	-	-	-	-	-
Phenanthrene	-	-	-	-	-	-
Pyrene	-	-	-	-	-	-
VOCs (mg/kg)						
1,1,1-Trichloroethane	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023	< 0.00023
1,2,3-Trimethylbenzene	-	-	-	-	-	-
1,2,4-Trimethylbenzene	< 0.00059	< 0.00059	< 0.00059	< 0.00059	< 0.00059	< 0.00059
1,3,5-Trimethylbenzene	< 0.00055	< 0.00055	< 0.00055	< 0.00055	< 0.00055	< 0.00055
2-Butanone (Methyl Ethyl Ketone)	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038	< 0.0038
Acetone	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062	< 0.0062
Benzene	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Chloroform (Trichloromethane)	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
cis-1,2-Dichloroethene	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Cymene (p-Isopropyltoluene)	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063
Methyl Tert Butyl Ether	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Methylene chloride	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Naphthalene	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081
n-Butylbenzene	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016	< 0.00016
Tetrachloroethene	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
trans-1,2-Dichloroethene	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
Trichloroethene	**0.059**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003

Notes and Abbreviations:
BOLD = concentration detected at or above reported detection limit.
Detected VOCs and SVOCs are shown.
< = analyte not detected above the indicated reporting limit.
B = compound detected in the associated blank
J = estimated concentration.
- = not analyzed or not applicable.
mg/kg = milligrams per kilogram.
bgs = below ground surface.

TABLE A-3
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 99/100 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B99-V01	B99-V02	B99-V03	B99-V04	B99-V05	B99-V06	B100-V01	B100-V02	B100-V03	B100-V03
Sample Name	B99-SV01-1'	B99-SV02-1'	B99-SV03-1'	B99-SV04-1'	B99-SV05-1'	B99-SV06-1'	B100-SV01-1'	B100-SV02-1'	B100-SV03-1' Rep	B100-SV03-1'
Sample Date	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018
Sample Depth	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)
VOCs (µg/m3)										
1,1,1,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane	< 28	< 28	< 28	< 28	< 28	< 28	< 28	< 28	< 28	< 28
1,1,2,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55
1,1-Dichloroethane	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
1,1-Dichloroethene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,1-Difluoroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
1,2,3-Trichloropropane	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dibromoethane (Ethylene Dibromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,2-Dichloroethane	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
1,2-Dichloropropane	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Butadiene	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60
2-Hexanone	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
2-Phenylbutane (sec-Butylbenzene)	-	-	-	-	-	-	-	-	-	-
4-Ethyl toluene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
Acetone	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-
Benzene	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16
Benzyl Chloride	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68
Bromoform	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
Carbon disulfide	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32
Carbon tetrachloride	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Chlorobenzene	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23
Chloroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
Chloroform (Trichloromethane)	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
Chloromethane (Methyl Chloride)	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21

TABLE A-3
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 99/100 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B99-V01	B99-V02	B99-V03	B99-V04	B99-V05	B99-V06	B100-V01	B100-V02	B100-V03	B100-V03
Sample Name	B99-SV01-1'	B99-SV02-1'	B99-SV03-1'	B99-SV04-1'	B99-SV05-1'	B99-SV06-1'	B100-SV01-1'	B100-SV02-1'	B100-SV03-1' Rep	B100-SV03-1'
Sample Date	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018	5/25/2018
Sample Depth	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)
VOCs (µg/m3)										
cis-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
cis-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Cyclohexane	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86
Dichlorodifluoromethane (CFC-12)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethyl acetate	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Hexachlorobutadiene	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110
Hexane	-	-	-	-	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	-	-	-	-	-	-	-
m,p-Xylenes	< 44	< 44	< 44	< 44	< 44	< 44	< 44	< 44	< 44	< 44
Methyl Tert Butyl Ether	-	-	-	-	-	-	-	-	-	-
Methylene chloride	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35
Naphthalene	-	-	-	-	-	-	-	-	-	-
N-Heptane	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	-	-	-	-	-	-	-	-	-	-
o-Xylene	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Propylene (Propene)	-	-	-	-	-	-	-	-	-	-
Styrene	**80**	**61**	**64**	< 43	**82**	**63**	< 43	**69**	< 43	< 43
Tetrachloroethene	< 34	< 34	< 34	< 34	< 34	< 34	< 34	< 34	< 34	< 34
Tetrahydrofuran	-	-	-	-	-	-	-	-	-	-
Toluene	< 38	< 38	< 38	< 38	< 38	< 38	< 38	< 38	< 38	< 38
trans-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Trichloroethene	< 27	< 27	< 27	< 27	**32**	< 27	**30**	< 27	< 27	< 27
Trichlorofluoromethane (CFC-11)	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77
Vinyl acetate	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13

NOTES AND ABBREVIATIONS:

Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	B29-V04	B29-V05	B29-V06	B29-V07	B29-V08	B29-V09	B29-V10	B29-V11	B29-V12	B29-V13	B29-V14
Sample Name	B29-SV04-1'	B29-V05-1'	B29-SV06-1'	B29-SV07-1'	B29-SV08-1'	B29-V09-1'	B29-V10-1'	B29-V11-1'	B29-V12-1'	B29-V13-1'	B29-V14-1'
Sample Date	05/23/2018	05/22/2018	05/23/2018	05/23/2018	05/24/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018	05/22/2018
Sample Depth (bgs)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)	1 (ft)
Volatile Organic Compounds (µg/m3)											
1,1,1,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,1-Trichloroethane	< 28	**46**	< 28	< 28	< 28	**110**	< 28	< 28	< 28	< 28	**46**
1,1,2,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70	< 70
1,1,2-Trichloroethane	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55	< 55
1,1-Dichloroethane	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
1,1-Dichloroethene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,1-Dichloropropene	-	-	-	-	-	-	-	-	-	-	-
1,1-Difluoroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27
1,2,3-Trichlorobenzene	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75	< 75
1,2,4-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
1,2-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,2-Dichloroethane	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
1,2-Dichloropropane	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47	< 47
1,2-Dichlorotetrafluoroethane (CFC 114)	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71	< 71
1,3,5-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Butadiene	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,3-Dichloropropane	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61	< 61
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60	< 60
2-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
2-Phenylbutane (sec-Butylbenzene)	-	-	-	-	-	-	-	-	-	-	-
4-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41	< 41
Acetone	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-
Benzene	< 16	**27**	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16	< 16
Benzyl Chloride (alpha-Chlorotoluene)	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68	< 68
Bromoform	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39	< 39
Carbon disulfide	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32	< 32
Carbon tetrachloride	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13
Chlorobenzene	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23	< 23
Chlorobromomethane	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27	< 27

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**B29-V04**	**B29-V05**	**B29-V06**	**B29-V07**	**B29-V08**	**B29-V09**	**B29-V10**	**B29-V11**	**B29-V12**	**B29-V13**	**B29-V14**
Sample Name	**B29-SV04-1'**	**B29-V05-1'**	**B29-SV06-1'**	**B29-SV07-1'**	**B29-SV08-1'**	**B29-V09-1'**	**B29-V10-1'**	**B29-V11-1'**	**B29-V12-1'**	**B29-V13-1'**	**B29-V14-1'**
Sample Date	**05/23/2018**	**05/22/2018**	**05/23/2018**	**05/23/2018**	**05/24/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**
Sample Depth (bgs)	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**
Volatile Organic Compounds (µg/m3)											
Chloroform (Trichloromethane)	< 25	< 25	< 25	**240**	< 25	**170**	< 25	< 25	< 25	< 25	< 25
Chloromethane (Methyl Chloride)	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21	< 21
cis-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
cis-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Cyclohexane	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86	< 86
Dibromomethane	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethyl acetate	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	< 22	**47**	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Hexachlorobutadiene	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110
Hexane	-	-	-	-	-	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	-	-	-	-	-	-	-	-
m,p-Xylenes	< 44	**190**	< 44	**88**	< 44	< 44	< 44	< 44	< 44	< 44	< 44
Methyl Tert Butyl Ether (MTBE)	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride (Dichloromethane)	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35	< 35
Naphthalene	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	-	-	-	-	-	-	-	-	-	-	-
N-Heptane	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	< 22	**53**	< 22	**31**	< 22	< 22	< 22	< 22	< 22	< 22	< 22
Propylene (Propene)	-	-	-	-	-	-	-	-	-	-	-
Styrene	< 43	< 43	**110**	< 43	**52**	**52**	**92**	**66**	**53**	**74**	**65**
tert-Butylbenzene	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	**210**	**220**	< 34	**2200**	**80**	< 34	< 34	< 34	< 34	< 34	< 34
Tetrahydrofuran	-	-	-	-	-	-	-	-	-	-	-
Toluene	< 38	**180**	**44**	**46**	< 38	< 38	< 38	< 38	< 38	< 38	< 38
trans-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
trans-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46	< 46
Trichloroethene	**7500**	< 27	< 27	**7800**	**130**	**11000**	**120**	< 27	< 27	< 27	< 27
Trichlorofluoromethane (CFC-11)	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56	< 56
Trifluorotrichloroethane (Freon 113)	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77	< 77
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13	< 13

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**B29-V15**	**B29-V16**	**B29-V17**	**B29-V18**	**B29-V18**	**B29-V19**	**DGA-003**	**DGA-004**	**DGA-007**	**DGA-008**	**DGA-009**
Sample Name	**B29-V15-1'**	**B29-V16-1'**	**B29-V17-1'**	**B29-V18-1'**	**B29-V18-1' Rep**	**B29-V19-1'**	**DGA-003-2-SG**	**DGA-004-1-SG**	**DGA-007-2-SG**	**DGA-008-2-SG**	**DGA-009-2-SG**
Sample Date	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**03/08/2022**	**03/08/2022**	**03/10/2022**	**03/08/2022**	**03/09/2022**
Sample Depth (bgs)	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**2 (ft)**	**1 (ft)**	**2 (ft)**	**2 (ft)**	**2 (ft)**
Volatile Organic Compounds (µg/m3)											
1,1,1,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	< 28	**790**	< 28	< 28	< 28	**480**	< 100	**2000**	**3300**	< 100	< 100
1,1,2,2-Tetrachloroethane	< 70	< 70	< 70	< 70	< 70	< 70	< 100	< 100	< 100	< 100	< 100
1,1,2-Trichloroethane	< 55	< 55	< 55	< 55	< 55	< 55	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethane	< 41	< 41	< 41	< 41	< 41	**53**	< 100	**430**	< 100	< 100	**120**
1,1-Dichloroethene	< 20	< 20	< 20	< 20	< 20	< 20	< 100	< 100	**150**	< 100	< 100
1,1-Dichloropropene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
1,1-Difluoroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 100	< 100	< 100	**110**	< 100
1,2,3-Trichlorobenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
1,2,4-Trichlorobenzene	< 75	< 75	< 75	< 75	< 75	< 75	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	-	-	-	< 1000	< 1000	< 1000	< 1000	< 1000
1,2-Dibromoethane (Ethylene Dibromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	< 21	< 21	< 21	< 21	< 21	< 21	< 20	< 20	< 20	< 20	< 20
1,2-Dichloropropane	< 47	< 47	< 47	< 47	< 47	< 47	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorotetrafluoroethane (CFC 114)	< 71	< 71	< 71	< 71	< 71	< 71	-	-	-	-	-
1,3,5-Trimethylbenzene	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 100	< 100	< 100
1,3-Butadiene	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	< 61	< 61	< 61	< 61	< 61	< 61	< 100	< 100	< 100	< 100	< 100
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
2-Butanone (Methyl Ethyl Ketone)	< 60	< 60	< 60	< 60	< 60	< 60	-	-	-	-	-
2-Chlorotoluene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
2-Hexanone (Methyl Butyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
4-Chlorotoluene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	< 50	< 50	< 50	< 50	< 50	< 50	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 41	< 41	< 41	< 41	< 41	< 41	-	-	-	-	-
Acetone	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-
Benzene	< 16	< 16	< 16	< 16	< 16	< 16	**20**	**24**	**36**	< 20	**34**
Benzyl Chloride (alpha-Chlorotoluene)	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	< 68	< 68	< 68	< 68	< 68	< 68	< 100	< 100	< 100	< 100	< 100
Bromoform	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)	< 39	< 39	< 39	< 39	< 39	< 39	< 100	< 100	< 100	< 100	< 100
Carbon disulfide	< 32	< 32	< 32	< 32	< 32	< 32	-	-	-	-	-
Carbon tetrachloride	< 13	< 13	< 13	< 13	< 13	< 13	< 20	< 20	< 20	< 20	< 20
Chlorobenzene	< 23	< 23	< 23	< 23	< 23	< 23	< 20	< 20	< 20	< 20	< 20
Chlorobromomethane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Chloroethane	< 27	< 27	< 27	< 27	< 27	< 27	< 100	< 100	< 100	< 100	< 100

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**B29-V15**	**B29-V16**	**B29-V17**	**B29-V18**	**B29-V18**	**B29-V19**	**DGA-003**	**DGA-004**	**DGA-007**	**DGA-008**	**DGA-009**
Sample Name	**B29-V15-1'**	**B29-V16-1'**	**B29-V17-1'**	**B29-V18-1'**	**B29-V18-1' Rep**	**B29-V19-1'**	**DGA-003-2-SG**	**DGA-004-1-SG**	**DGA-007-2-SG**	**DGA-008-2-SG**	**DGA-009-2-SG**
Sample Date	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**05/22/2018**	**03/08/2022**	**03/08/2022**	**03/10/2022**	**03/08/2022**	**03/09/2022**
Sample Depth (bgs)	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**1 (ft)**	**2 (ft)**	**1 (ft)**	**2 (ft)**	**2 (ft)**	**2 (ft)**
Volatile Organic Compounds (µg/m3)											
Chloroform (Trichloromethane)	< 25	< 25	< 25	< 25	< 25	< 25	< 20	**80**	**120**	< 20	< 20
Chloromethane (Methyl Chloride)	< 21	< 21	< 21	< 21	< 21	< 21	< 100	< 100	< 100	< 100	< 100
cis-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	**1300**	< 100	**5800**	< 100	< 100	**17000**
cis-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 100	< 100	< 100	< 100	< 100
Cyclohexane	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Dibromochloromethane	< 86	< 86	< 86	< 86	< 86	< 86	< 100	< 100	< 100	< 100	< 100
Dibromomethane	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane (CFC-12)	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 100	< 100	< 100
Ethyl acetate	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	< 22	< 22	< 22	< 22	< 22	< 22	< 100	< 100	< 100	< 100	< 100
Hexachlorobutadiene	< 110	< 110	< 110	< 110	< 110	< 110	< 100	< 100	< 100	< 100	< 100
Hexane	-	-	-	-	-	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
m,p-Xylenes	< 44	< 44	< 44	< 44	< 44	< 44	< 100	< 100	< 100	< 100	< 100
Methyl Tert Butyl Ether (MTBE)	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Methylene chloride (Dichloromethane)	< 35	< 35	< 35	< 35	< 35	< 35	< 100	< 100	< 100	< 100	< 100
Naphthalene	-	-	-	-	-	-	< 20	< 20	< 20	< 20	< 20
n-Butylbenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
N-Heptane	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
o-Xylene	< 22	< 22	< 22	< 22	< 22	< 22	< 100	< 100	< 100	< 100	< 100
Propylene (Propene)	-	-	-	-	-	-	-	-	-	-	-
Styrene	**64**	< 43	**110**	**48**	**62**	**99**	< 100	< 100	< 100	< 100	< 100
tert-Butylbenzene	-	-	-	-	-	-	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	< 34	**340**	< 34	**57**	**54**	< 34	< 20	**100**	**20**	< 20	**66**
Tetrahydrofuran	-	-	-	-	-	-	-	-	-	-	-
Toluene	< 38	< 38	< 38	< 38	< 38	< 38	< 200	< 200	< 200	< 200	< 200
trans-1,2-Dichloroethene	< 40	< 40	< 40	< 40	< 40	**150**	< 100	**340**	< 100	< 100	**470**
trans-1,3-Dichloropropene	< 46	< 46	< 46	< 46	< 46	< 46	< 100	< 100	< 100	< 100	< 100
Trichloroethene	< 27	**16000**	**43**	**42**	< 27	**9800**	**260**	**18000**	**5600**	**1300**	**2300**
Trichlorofluoromethane (CFC-11)	**60**	< 56	< 56	< 56	< 56	< 56	< 100	< 100	< 100	< 100	< 100
Trifluorotrichloroethane (Freon 113)	< 77	**320**	< 77	< 77	< 77	**1900**	**160**	**1600**	**2600**	< 100	< 100
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	< 13	< 13	< 13	< 13	< 13	< 13	< 10	< 10	< 10	< 10	**36**

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	DGA-009	DGA-011	DGA-013	DGA-014	DGA-015	DGA-016	DGA-017	DGA-017	DGA-019	DGA-021	DGA-022
Sample Name	DGA-009-2-SG REP	DGA-011-2-SG	DGA-013-1-SG	DGA-014-2.5-SG	DGA-015-2-SG	DGA-016-2-SG	DGA-017-1-SG	DGA-017-1-SG REP	DGA-019-2-SG	DGA-021-1-SG	DGA-022-2-SG
Sample Date	03/09/2022	03/09/2022	03/08/2022	03/09/2022	03/09/2022	03/10/2022	03/08/2022	03/08/2022	03/10/2022	03/08/2022	03/10/2022
Sample Depth (bgs)	2 (ft)	2 (ft)	1 (ft)	2.5 (ft)	2 (ft)	2 (ft)	1 (ft)	1 (ft)	2 (ft)	1 (ft)	2 (ft)
Volatile Organic Compounds (µg/m3)											
1,1,1,2-Tetrachloroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,1-Trichloroethane	< 100	< 100	< 100	< 100	< 100	< 100	**150**	**140**	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2-Trichloroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethane	**100**	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloroethene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Dichloropropene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1-Difluoroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-chloropropane (DBCP)	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
1,2-Dibromoethane (Ethylene Dibromide)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichloroethane	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
1,2-Dichloropropane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dichlorotetrafluoroethane (CFC 114)	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Butadiene	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichloropropane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dioxane	-	-	-	-	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Butanone (Methyl Ethyl Ketone)	-	-	-	-	-	-	-	-	-	-	-
2-Chlorotoluene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
2-Hexanone (Methyl Butyl Ketone)	-	-	-	-	-	-	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
4-Chlorotoluene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	-	-	-	-	-	-	-	-	-	-	-
Acetone	-	-	-	-	-	-	-	-	-	-	-
Allyl chloride	-	-	-	-	-	-	-	-	-	-	-
Benzene	**28**	< 20	< 20	< 20	< 20	**56**	< 20	< 20	**26**	< 20	**30**
Benzyl Chloride (alpha-Chlorotoluene)	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane (Methyl Bromide)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Carbon disulfide	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobenzene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Chlorobromomethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Chloroethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**DGA-009**	**DGA-011**	**DGA-013**	**DGA-014**	**DGA-015**	**DGA-016**	**DGA-017**	**DGA-017**	**DGA-019**	**DGA-021**	**DGA-022**
Sample Name	**DGA-009-2-SG REP**	**DGA-011-2-SG**	**DGA-013-1-SG**	**DGA-014-2.5-SG**	**DGA-015-2-SG**	**DGA-016-2-SG**	**DGA-017-1-SG**	**DGA-017-1-SG REP**	**DGA-019-2-SG**	**DGA-021-1-SG**	**DGA-022-2-SG**
Sample Date	**03/09/2022**	**03/09/2022**	**03/08/2022**	**03/09/2022**	**03/09/2022**	**03/10/2022**	**03/08/2022**	**03/08/2022**	**03/10/2022**	**03/08/2022**	**03/10/2022**
Sample Depth (bgs)	**2 (ft)**	**2 (ft)**	**1 (ft)**	**2.5 (ft)**	**2 (ft)**	**2 (ft)**	**1 (ft)**	**1 (ft)**	**2 (ft)**	**1 (ft)**	**2 (ft)**
Volatile Organic Compounds (µg/m3)											
Chloroform (Trichloromethane)	< 20	< 20	< 20	< 20	< 20	**61**	**140**	**120**	**30**	< 20	**190**
Chloromethane (Methyl Chloride)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,2-Dichloroethene	**14000**	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
cis-1,3-Dichloropropene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Cyclohexane	-	-	-	-	-	-	-	-	-	-	-
Cymene (p-Isopropyltoluene)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromochloromethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dibromomethane	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane (CFC-12)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Ethyl acetate	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Hexachlorobutadiene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Hexane	-	-	-	-	-	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-	-	-	-	-	-
Isopropyl Alcohol (2-Propanol)	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene (Cumene)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
m,p-Xylenes	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methyl Tert Butyl Ether (MTBE)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Methylene chloride (Dichloromethane)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Naphthalene	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
n-Butylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
N-Heptane	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
o-Xylene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Propylene (Propene)	-	-	-	-	-	-	-	-	-	-	-
Styrene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
tert-Butylbenzene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Tetrachloroethene	**56**	**35**	**180**	**260**	< 20	< 20	< 20	< 20	< 20	**560**	**98**
Tetrahydrofuran	-	-	-	-	-	-	-	-	-	-	-
Toluene	< 200	< 200	< 200	< 200	< 200	**200**	< 200	< 200	< 200	< 200	< 200
trans-1,2-Dichloroethene	**390**	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
trans-1,3-Dichloropropene	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Trichloroethene	**1900**	**860**	**54**	< 20	< 20	**4900**	**2700**	**2700**	**2600**	**770**	**860**
Trichlorofluoromethane (CFC-11)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Trifluorotrichloroethane (Freon 113)	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate	-	-	-	-	-	-	-	-	-	-	-
Vinyl Bromide (Bromoethene)	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	**30**	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**PW-01B**	**PW-06**	**PW-07**	**PW-08**	**PW-09**	**PW-11**	**PW-12**	**PW-13**	**PW-14**	**PW-14**	**PW-15**
Sample Name	**PW01B-SV-5**	**PW06-SV-3.5**	**PW07-SV-4**	**PW08-SV-5**	**PW09-SV-4.5**	**PW11-SV-3**	**PW12-SV-3**	**PW13-SV-4**	**PW14-SV-4**	**PW14-SV-4DUP**	**PW15-SV-4.5**
Sample Date	**07/31/2020**	**07/31/2020**	**07/31/2020**	**07/31/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**
Sample Depth (bgs)	**5 - 5 (ft)**	**3.5 - 3.5 (ft)**	**4 - 4 (ft)**	**5 - 5 (ft)**	**4.5 - 4.5 (ft)**	**3 - 3 (ft)**	**3 - 3 (ft)**	**4 - 4 (ft)**	**4 - 4 (ft)**	**4 - 4 (ft)**	**4.5 - 4.5 (ft)**
Volatile Organic Compounds (µg/m3)											
1,1,1,2-Tetrachloroethane	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	< 24	< 600	**38**	< 24	**120**	< 3	< 3	**12**	< 1200	< 2400	**1100**
1,1,2,2-Tetrachloroethane	< 28	< 700	< 28	< 28	< 140	< 3.5	< 3.5	< 3.5	< 1400	< 2800	< 350
1,1,2-Trichloroethane	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,1-Dichloroethane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,1-Dichloroethene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,1-Dichloropropene	-	-	-	-	-	-	-	-	-	-	-
1,1-Difluoroethane	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,2,4-Trichlorobenzene	< 32	< 800	< 32	< 32	< 160	< 4	< 4	< 4	< 1600	< 3200	< 400
1,2,4-Trimethylbenzene	**610**	**600**	**120**	**530**	**140**	**110**	**400**	**500**	< 1000	< 2000	< 250
1,2-Dibromo-3-chloropropane (DBCP)	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane (Ethylene Dibromide)	< 32	< 800	< 32	< 32	< 160	< 4	< 4	< 4	< 1600	< 3200	< 400
1,2-Dichlorobenzene	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,2-Dichloroethane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,2-Dichloropropane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,2-Dichlorotetrafluoroethane (CFC 114)	< 28	< 700	< 28	< 28	< 140	< 3.5	< 3.5	< 3.5	< 1400	< 2800	< 350
1,3,5-Trimethylbenzene	**220**	< 500	**48**	**270**	< 100	**67**	**180**	**180**	< 1000	< 2000	< 250
1,3-Butadiene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
1,3-Dichlorobenzene	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,3-Dichloropropane	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	< 24	< 600	< 24	< 24	< 120	< 3	< 3	< 3	< 1200	< 2400	< 300
1,4-Dioxane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
2,2,4-Trimethylpentane	< 20	< 500	< 20	< 20	< 100	< 2.5	**12**	**3.9**	< 1000	< 2000	< 250
2,2-Dichloropropane	-	-	-	-	-	-	-	-	-	-	-
2-Butanone (Methyl Ethyl Ketone)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
2-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone (Methyl Butyl Ketone)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
2-Phenylbutane (sec-Butylbenzene)	< 24	< 600	< 24	< 24	< 120	< 3	**8.1**	< 3	< 1200	< 2400	< 300
4-Chlorotoluene	-	-	-	-	-	-	-	-	-	-	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	**130**	< 500	**22**	**160**	< 100	**29**	**110**	**94**	< 1000	< 2000	< 250
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
Acetone	< 80	< 2000	< 80	< 80	< 400	**51**	**59**	**43**	< 4000	< 8000	< 1000
Allyl chloride	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Benzene	< 20	< 500	< 20	**75**	< 100	**10**	**36**	**8**	< 1000	< 2000	< 250
Benzyl Chloride (alpha-Chlorotoluene)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	**9.8**	< 1000	< 2000	< 250
Bromobenzene	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	< 24	< 600	< 24	< 24	**140**	**16**	**17**	< 3	< 1200	< 2400	< 300
Bromoform	< 40	< 1000	< 40	< 40	< 200	< 5	< 5	< 5	< 2000	< 4000	< 500
Bromomethane (Methyl Bromide)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Carbon disulfide	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Carbon tetrachloride	< 28	< 700	< 28	< 28	< 140	< 3.5	< 3.5	< 3.5	< 1400	< 2800	< 350
Chlorobenzene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Chlorobromomethane	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**PW-01B**	**PW-06**	**PW-07**	**PW-08**	**PW-09**	**PW-11**	**PW-12**	**PW-13**	**PW-14**	**PW-14**	**PW-15**
Sample Name	**PW01B-SV-5**	**PW06-SV-3.5**	**PW07-SV-4**	**PW08-SV-5**	**PW09-SV-4.5**	**PW11-SV-3**	**PW12-SV-3**	**PW13-SV-4**	**PW14-SV-4**	**PW14-SV-4DUP**	**PW15-SV-4.5**
Sample Date	**07/31/2020**	**07/31/2020**	**07/31/2020**	**07/31/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**	**07/30/2020**
Sample Depth (bgs)	**5 - 5 (ft)**	**3.5 - 3.5 (ft)**	**4 - 4 (ft)**	**5 - 5 (ft)**	**4.5 - 4.5 (ft)**	**3 - 3 (ft)**	**3 - 3 (ft)**	**4 - 4 (ft)**	**4 - 4 (ft)**	**4 - 4 (ft)**	**4.5 - 4.5 (ft)**
Volatile Organic Compounds (µg/m3)											
Chloroform (Trichloromethane)	< 20	**1600**	**160**	**32**	**410**	**14**	**20**	**26**	< 1000	< 2000	< 250
Chloromethane (Methyl Chloride)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
cis-1,2-Dichloroethene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	**3.8**	**4300**	**4400**	< 250
cis-1,3-Dichloropropene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Cyclohexane	< 20	< 500	< 20	< 20	< 100	< 2.5	**3.6**	< 2.5	< 1000	< 2000	< 250
Cymene (p-Isopropyltoluene)	**79**	< 600	< 24	**80**	< 120	**8.8**	**63**	**53**	< 1200	< 2400	< 300
Dibromochloromethane	< 20	< 500	< 20	< 20	< 100	**12**	**9.5**	< 2.5	< 1000	< 2000	< 250
Dibromomethane	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	**17**	< 1000	< 2000	< 250
Ethyl acetate	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Ethylbenzene	**150**	< 500	**28**	**340**	< 100	**50**	**150**	**81**	< 1000	< 2000	< 250
Hexachlorobutadiene	< 48	< 1200	< 48	< 48	< 240	< 6	< 6	< 6	< 2400	< 4800	< 600
Hexane	< 20	< 500	< 20	< 20	< 100	**5.9**	**11**	**3.6**	< 1000	< 2000	< 250
Isobutane	< 20	< 500	< 20	< 20	< 100	**5.1**	< 2.5	< 2.5	< 1000	< 2000	< 250
Isopropyl Alcohol (2-Propanol)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
Isopropylbenzene (Cumene)	< 20	< 500	< 20	**33**	< 100	**5.9**	**20**	**11**	< 1000	< 2000	< 250
m,p-Xylenes	**670**	**1100**	**130**	**1300**	**200**	**160**	**710**	**400**	< 2000	< 4000	< 500
Methyl Tert Butyl Ether (MTBE)	< 80	< 2000	< 80	< 80	< 400	< 10	< 10	< 10	< 4000	< 8000	< 1000
Methylene chloride (Dichloromethane)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Naphthalene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
n-Butylbenzene	-	-	-	-	-	-	-	-	-	-	-
N-Heptane	< 20	< 500	< 20	< 20	< 100	**4.9**	**12**	**4.2**	< 1000	< 2000	< 250
n-Propylbenzene	**80**	< 500	< 20	**120**	< 100	**19**	**87**	**59**	< 1000	< 2000	< 250
o-Xylene	**240**	< 500	**40**	**360**	< 100	**70**	**200**	**140**	< 1000	< 2000	< 250
Propylene (Propene)	< 20	< 500	< 20	< 20	< 100	**7.5**	**30**	< 2.5	< 1000	< 2000	< 250
Styrene	< 20	< 500	< 20	< 20	< 100	**14**	**19**	< 2.5	< 1000	< 2000	< 250
tert-Butylbenzene	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	< 28	< 700	**330**	**96**	< 140	**16**	**1500**	**4.7**	< 1400	< 2800	< 350
Tetrahydrofuran	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Toluene	**230**	**510**	**51**	**670**	**150**	**89**	**350**	**98**	< 1000	< 2000	< 250
trans-1,2-Dichloroethene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
trans-1,3-Dichloropropene	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Trichloroethene	**140**	**160000**	**7600**	**54**	**14000**	**5.9**	**35**	**91**	**64000**	**64000**	**13000**
Trichlorofluoromethane (CFC-11)	< 24	< 600	< 24	< 24	< 120	< 3	< 3	**94**	< 1200	< 2400	< 300
Trifluorotrichloroethane (Freon 113)	< 32	< 800	< 32	< 32	< 160	**5.6**	< 4	< 4	< 1600	< 3200	**740**
Vinyl acetate	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Vinyl Bromide (Bromoethene)	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250
Vinyl chloride	< 20	< 500	< 20	< 20	< 100	< 2.5	< 2.5	< 2.5	< 1000	< 2000	< 250

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**PW-16**
Sample Name	**PW16-SV-5**
Sample Date	**07/30/2020**
Sample Depth (bgs)	**5 - 5 (ft)**
Volatile Organic Compounds (µg/m3)	
1,1,1,2-Tetrachloroethane	-
1,1,1-Trichloroethane	**35**
1,1,2,2-Tetrachloroethane	< 3.5
1,1,2-Trichloroethane	< 3
1,1-Dichloroethane	< 2.5
1,1-Dichloroethene	< 2.5
1,1-Dichloropropene	-
1,1-Difluoroethane	-
1,2,3-Trichlorobenzene	-
1,2,3-Trichloropropane	< 3
1,2,4-Trichlorobenzene	< 4
1,2,4-Trimethylbenzene	**490**
1,2-Dibromo-3-chloropropane (DBCP)	-
1,2-Dibromoethane (Ethylene Dibromide)	< 4
1,2-Dichlorobenzene	< 3
1,2-Dichloroethane	< 2.5
1,2-Dichloropropane	< 2.5
1,2-Dichlorotetrafluoroethane (CFC 114)	< 3.5
1,3,5-Trimethylbenzene	**180**
1,3-Butadiene	< 2.5
1,3-Dichlorobenzene	< 3
1,3-Dichloropropane	-
1,4-Dichlorobenzene	< 3
1,4-Dioxane	< 2.5
2,2,4-Trimethylpentane	< 2.5
2,2-Dichloropropane	-
2-Butanone (Methyl Ethyl Ketone)	< 10
2-Chlorotoluene	-
2-Hexanone (Methyl Butyl Ketone)	< 10
2-Phenylbutane (sec-Butylbenzene)	**4.5**
4-Chlorotoluene	-
4-Ethyltoluene (1-Ethyl-4-Methylbenzene)	**55**
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	< 10
Acetone	< 10
Allyl chloride	< 2.5
Benzene	**7.6**
Benzyl Chloride (alpha-Chlorotoluene)	< 2.5
Bromobenzene	-
Bromodichloromethane	< 3
Bromoform	< 5
Bromomethane (Methyl Bromide)	< 2.5
Carbon disulfide	< 2.5
Carbon tetrachloride	< 3.5
Chlorobenzene	< 2.5
Chlorobromomethane	-
Chloroethane	< 2.5

TABLE A-4
SUMMARY OF SOIL VAPOR QUALITY DATA, BUILDING 29 EXPOSURE AREA
ROHR INC. - PARCEL A
CHULA VISTA, CALIFORNIA

Location	**PW-16**
Sample Name	**PW16-SV-5**
Sample Date	**07/30/2020**
Sample Depth (bgs)	**5 - 5 (ft)**
Volatile Organic Compounds (µg/m3)	
Chloroform (Trichloromethane)	**5.8**
Chloromethane (Methyl Chloride)	< 2.5
cis-1,2-Dichloroethene	< 2.5
cis-1,3-Dichloropropene	< 2.5
Cyclohexane	< 2.5
Cymene (p-Isopropyltoluene)	**27**
Dibromochloromethane	< 2.5
Dibromomethane	-
Dichlorodifluoromethane (CFC-12)	< 2.5
Ethyl acetate	< 2.5
Ethylbenzene	**61**
Hexachlorobutadiene	< 6
Hexane	< 2.5
Isobutane	< 2.5
Isopropyl Alcohol (2-Propanol)	< 10
Isopropylbenzene (Cumene)	**7.7**
m,p-Xylenes	**310**
Methyl Tert Butyl Ether (MTBE)	< 10
Methylene chloride (Dichloromethane)	< 2.5
Naphthalene	**6.3**
n-Butylbenzene	-
N-Heptane	< 2.5
n-Propylbenzene	**36**
o-Xylene	**99**
Propylene (Propene)	< 2.5
Styrene	**10**
tert-Butylbenzene	-
Tetrachloroethene	**16**
Tetrahydrofuran	< 2.5
Toluene	**120**
trans-1,2-Dichloroethene	< 2.5
trans-1,3-Dichloropropene	< 2.5
Trichloroethene	**25**
Trichlorofluoromethane (CFC-11)	**6.7**
Trifluorotrichloroethane (Freon 113)	**72**
Vinyl acetate	< 2.5
Vinyl Bromide (Bromoethene)	< 2.5
Vinyl chloride	< 2.5

Notes:
Volatile Organic Compounds (VOCs) analyzed by EPA Method TO-15.
BOLD = concentration detected at or above reported detection limit.
< = analyte not detected above the indicated reporting limit.
- = not analyzed or not applicable.
µg/m3 = micrograms per cubic meter.

APPENDIX B

ProUCL 95% UCL Input and Output Sheets

Building 29 Exposure Area

Landscaper/Utility Worker

sys_loc_code	sys_sample_code	sample_date	start_depth	report_result_unit	Arsenic	D_Arsenic	Beryllium	D_Beryllium	Total PCBs	D_Total PCBs	Trichloroethene	D_Trichloroethene
B11	B11-2.5	7/26/2005	2.5	mg/kg							0.005	0
B12	B12-2.5	7/26/2005	2.5	mg/kg							0.005	0
B15	OMPPA-B15-5	9/13/2005	5	mg/kg							0.005	0
B29-01	B29-01-1	6/27/2016	0.5	mg/kg	4.23	1	0.329	1	0.043	0	0.00031	0
B29-01	B29-01-2	6/27/2016	1.5	mg/kg	1.89	1	0.359	1	0.043	0	0.0003	0
B29-02	B29-02-1	6/27/2016	0.5	mg/kg	23.3	1	0.415	1	0.042	0	0.0003	0
B29-02	B29-02-2	6/27/2016	1.5	mg/kg	1.37	1	0.343	1	0.043	0	0.00031	0
B29-02A	B29-02A-010	1/9/2020	0.5	mg/kg	0.46	0						
B29-02A	B29-02A-030	1/9/2020	2.5	mg/kg	3.04	1						
B29-02B	B29-02B-010	1/9/2020	0.5	mg/kg	0.46	0						
B29-02B	B29-02B-030	1/9/2020	2.5	mg/kg	0.46	0						
B29-02C	B29-02C-010	1/9/2020	0.5	mg/kg	0.46	0						
B29-02C	B29-02C-030	1/9/2020	2.5	mg/kg	0.46	0						
B29-03	B29-03-01	6/28/2016	0.5	mg/kg	19.6	1	0.434	1	0.043	0	0.00031	0
B29-03	B29-03-03	6/28/2016	2.5	mg/kg	2.64	1	0.546	1	0.042	0	0.00064	1
B29-03A	B29-03A-010	1/10/2020	0.5	mg/kg	20.4	1						
B29-03A	B29-03A-030	1/10/2020	2.5	mg/kg	1.44	1						
B29-03B	B29-03B-010	1/10/2020	0.5	mg/kg	21.9	1						
B29-03B	B29-03B-030	1/10/2020	2.5	mg/kg	1.1	1						
B29-04	B29-04-1	6/27/2016	0.5	mg/kg	2.7	1	0.269	1	0.042	0	0.0003	0
B29-04	B29-04-5	6/27/2016	4.5	mg/kg	5.07	1	0.295	1	0.042	0	0.0003	0
B29-05	B29-05-2	6/28/2016	1.5	mg/kg	4.59	1	0.168	1	1.3	1	0.015	1
B29-05	B29-05-5	6/28/2016	4.5	mg/kg	2.85	1	0.335	1	0.043	0	0.014	1
B29-05A	B29-05A-020	1/10/2020	1.5	mg/kg					0.0997	1		
B29-05A	B29-05A-030	1/10/2020	2.5	mg/kg					0.00566	1		
B29-05B	B29-05B-020	1/10/2020	1.5	mg/kg					0.127	1		
B29-05B	B29-05B-030	1/10/2020	2.5	mg/kg					0.00537	0		
B29-05C	B29-05C-020	1/10/2020	1.5	mg/kg					0.0132	1		
B29-05C	B29-05C-030	1/10/2020	2.5	mg/kg					0.0129	1		
B29-06	B29-06-1	6/29/2016	0.5	mg/kg	2.02	1	0.395	1	0.042	0	0.00031	0
B29-06	B29-06-5	6/29/2016	4.5	mg/kg	4.86	1	0.257	1	0.042	0	0.00029	0
B29-07	B29-07-1	6/29/2016	0.5	mg/kg	21.8	1	0.404	1	0.042	0	0.00031	0
B29-07	B29-07-3	6/29/2016	2.5	mg/kg	2.86	1	0.401	1	0.042	0	0.00031	0
B29-07A	B29-07A-010	1/10/2020	0.5	mg/kg	24.6	1						
B29-07A	B29-07A-030	1/10/2020	2.5	mg/kg	1.98	1						
B29-07B	B29-07B-010	1/10/2020	0.5	mg/kg	22	1						
B29-07B	B29-07B-030	1/10/2020	2.5	mg/kg	1.63	1						
B29-08	B29-08-1	6/28/2016	0.5	mg/kg	2.16	1	0.364	1	0.17	1	0.0003	0
B29-08	B29-08-5	6/28/2016	4.5	mg/kg	4.56	1	0.407	1	0.036	1	0.00032	0
B29-09	B29-09-1	6/29/2016	0.5	mg/kg	5.76	1	0.228	1	0.042	0	0.0003	0
B29-09	B29-09-5	6/29/2016	4.5	mg/kg	1.27	1	0.227	1	0.042	0	0.0003	0
B29-10	B29-10-1	6/28/2016	0.5	mg/kg	5.81	1	0.232	1	0.042	0	0.00031	0
B29-10	B29-10-5	6/28/2016	4.5	mg/kg	2.25	1	0.494	1	0.042	0	0.0003	0
B29-11	B29-11-1	6/28/2016	0.5	mg/kg	2.12	1	0.391	1	0.042	0	0.0003	0
B29-11	B29-11-5	6/28/2016	4.5	mg/kg	4.59	1	0.183	1	0.042	0	0.00031	0
B29-12	B29-12-1	6/28/2016	0.5	mg/kg	1.45	1	0.154	1	0.042	0	0.00031	0
B29-12	B29-12-5	6/28/2016	4.5	mg/kg	1.75	1	0.526	1	0.042	0	0.0003	0

sys_loc_code	sys_sample_code	sample_date	start_depth	report_result_unit	Arsenic	D_Arsenic	Beryllium	D_Beryllium	Total PCBs	D_Total PCBs	Trichloroethene	D_Trichloroethene
B29-13	B29-13-4	6/28/2016	3.5	mg/kg	3.85	1	0.352	1	0.042	0	0.00031	0
B29-13	B29-13-5	6/28/2016	4.5	mg/kg	3.16	1	0.399	1	0.042	0	0.00031	0
B29-14	B29-14-1.5	6/29/2016	1	mg/kg	1.29	1	0.276	1	0.042	0	0.0042	1
B29-14	B29-14-3	6/29/2016	2.5	mg/kg	2.31	1	0.564	1	0.042	0	0.002	1
B29-15	B29-15-1	6/29/2016	0.5	mg/kg	5.18	1	0.136	0	0.042	0	0.0003	0
B29-15	B29-15-3	6/29/2016	2.5	mg/kg	2.39	1	0.523	1	0.043	0	0.0018	1
B29-16	B29-16-1	6/28/2016	0.5	mg/kg	2.73	1	0.253	1	0.042	0	0.00031	0
B29-16	B29-16-3	6/28/2016	2.5	mg/kg	1.25	1	0.161	1	0.043	0	0.00029	0
B29-17	B29-17-1	6/29/2016	0.5	mg/kg	2.96	1	0.242	1	0.042	0	0.0003	0
B29-17	B29-17-3	6/29/2016	2.5	mg/kg	2.58	1	0.627	1	0.042	0	0.00031	0
B29-18	B29-18-1.5	6/29/2016	1	mg/kg	1.5	1	0.273	1	0.042	0	0.00029	0
B29-18	B29-18-3	6/29/2016	2.5	mg/kg	1.56	1	0.501	1	0.042	0	0.0003	0
B29-19	B29-19-2	6/29/2016	1.5	mg/kg	2.09	1	0.6	1	0.042	0	0.00031	0
B29-19	B29-19-5	6/29/2016	4.5	mg/kg	1.49	1	0.358	1	0.042	0	0.00031	0
B29-20	B29-20-1	6/27/2016	0.5	mg/kg	1.41	1	0.211	1	0.042	0	0.00029	0
B29-20	B29-20-2	6/27/2016	1.5	mg/kg	1.61	1	0.241	1	0.042	0	0.0003	0
B29-21	B29-21-1	6/28/2016	0.5	mg/kg	7.59	1	0.152	1	0.043	0	0.00079	1
B29-22	B29-22-010	1/10/2020	0.5	mg/kg							1.33	1
B29-22	B29-22-050	1/10/2020	4.5	mg/kg							0.0474	1
B29-23	B29-23-010	1/10/2020	0.5	mg/kg							37.8	1
B29-23	B29-23-050	1/10/2020	4.5	mg/kg							0.0502	1
B29-24	B29-24-010	1/14/2020	0.5	mg/kg							7.83	1
B29-24	B29-24-050	1/14/2020	4.5	mg/kg							0.0925	1
B29-25	B29-25-010	1/9/2020	0.5	mg/kg							0.0004	0
B29-25	B29-25-050	1/9/2020	4.5	mg/kg							0.000404	0
B29-26	B29-26-050	1/14/2020	4.5	mg/kg							0.0186	1
B29-26	B29-26-10	1/14/2020	0.5	mg/kg							0.737	1
B29-27	B29-27-010	1/14/2020	0.5	mg/kg							0.275	1
B29-27	B29-27-050	1/14/2020	4.5	mg/kg							0.00273	1
B29-28	B29-28-010	1/14/2020	0.5	mg/kg							1.43	1
B29-28	B29-28-050	1/14/2020	4.5	mg/kg							0.00228	1
B29-29	B29-29-010	1/14/2020	0.5	mg/kg							0.0779	1
B29-29	B29-29-050	1/14/2020	4.5	mg/kg							0.00313	1
B29-30	B29-30-010	1/9/2020	0.5	mg/kg							0.0229	1
B29-30	B29-30-050	1/9/2020	4.5	mg/kg							0.0004	0
B29-31	B29-31-010	1/9/2020	0.5	mg/kg							0.0011	1
B29-31	B29-31-050	1/9/2020	4.5	mg/kg							0.0004	0
B29-32A	B29-32A-010	1/14/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-32A	B29-32A-050	1/14/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-32B	B29-32B-010	1/14/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-32B	B29-32B-050	1/14/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-32C	B29-32C-010	1/14/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-32C	B29-32C-050	1/14/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-33A	B29-33A-010	1/8/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-33A	B29-33A-050	1/8/2020	4.5	mg/kg					0.00537	0	0.00725	1
B29-33B	B29-33B-010	1/9/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-33B	B29-33B-050	1/9/2020	1.5	mg/kg					0.225	1	0.323	1

sys_loc_code	sys_sample_code	sample_date	start_depth	report_result_unit	Arsenic	D_Arsenic	Beryllium	D_Beryllium	Total PCBs	D_Total PCBs	Trichloroethene	D_Trichloroethene
B29-33C	B29-33C-010	1/9/2020	0.5	mg/kg					0.00537	0	0.000925	1
B29-33C	B29-33C-050	1/9/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-34A	B29-34A-010	1/8/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-34A	B29-34A-050	1/8/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-34B	B29-34B-010	1/8/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-34B	B29-34B-050	1/8/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-34C	B29-34C-010	1/8/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-34C	B29-34C-050	1/8/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-35A	B29-35A-010	1/8/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-35A	B29-35A-050	1/8/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-35B	B29-35B-010	1/8/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-35B	B29-35B-050	1/8/2020	4.5	mg/kg					0.00537	0	0.0004	0
B29-35C	B29-35C-010	1/8/2020	0.5	mg/kg					0.00537	0	0.0004	0
B29-35C	B29-35C-050	1/8/2020	4.5	mg/kg					0.00537	0	0.00553	1
DGA-003	DGA-003-1	3/8/2022	1	mg/kg							0.00038	0
DGA-003	DGA-003-10	3/8/2022	10	mg/kg							0.00038	0
DGA-003	DGA-003-5	3/8/2022	5	mg/kg							0.00039	0
DGA-004	DGA-004-1	3/8/2022	1	mg/kg							0.00038	0
DGA-004	DGA-004-10	3/8/2022	10	mg/kg							0.00038	0
DGA-004	DGA-004-5	3/8/2022	5	mg/kg							0.0029	1
DGA-007	DGA-007-1	3/8/2022	1	mg/kg							0.00039	0
DGA-007	DGA-007-5	3/8/2022	5	mg/kg							0.00038	0
DGA-007	DGA-007-9.5	3/8/2022	9.5	mg/kg							0.00038	0
DGA-008	DGA-008-1	3/8/2022	1	mg/kg							0.00038	0
DGA-008	DGA-008-5	3/8/2022	5	mg/kg							0.0032	1
DGA-008	DGA-008-9.5	3/8/2022	9.5	mg/kg							0.00039	0
DGA-009	DGA-009-1	3/8/2022	1	mg/kg							0.00039	0
DGA-009	DGA-009-10	3/8/2022	10	mg/kg							0.00039	0
DGA-009	DGA-009-5	3/8/2022	5	mg/kg							0.00038	0
DGA-011	DGA-011-10	3/8/2022	10	mg/kg							0.00038	0
DGA-011	DGA-011-3.5	3/8/2022	3.5	mg/kg							0.00038	0
DGA-011	DGA-011-5	3/8/2022	5	mg/kg							0.00038	0
DGA-013	DGA-013-1	3/9/2022	1	mg/kg							0.00038	0
DGA-013	DGA-013-10	3/9/2022	10	mg/kg							0.00038	0
DGA-013	DGA-013-5	3/9/2022	5	mg/kg							0.00038	0
DGA-014	DGA-014-10	3/9/2022	10	mg/kg							0.00039	0
DGA-014	DGA-014-3.5	3/9/2022	3.5	mg/kg							0.00038	0
DGA-014	DGA-014-5	3/9/2022	5	mg/kg							0.00038	0
DGA-015	DGA-015-1	3/9/2022	1	mg/kg							0.00038	0
DGA-015	DGA-015-10	3/9/2022	10	mg/kg							0.00038	0
DGA-015	DGA-015-5	3/9/2022	5	mg/kg							0.00039	0
DGA-016	DGA-016-1	3/9/2022	1	mg/kg							0.00038	0
DGA-016	DGA-016-10	3/9/2022	10	mg/kg							0.00039	0
DGA-016	DGA-016-5	3/9/2022	5	mg/kg							0.00038	0
DGA-017	DGA-017-1	3/9/2022	1	mg/kg							0.00039	0
DGA-017	DGA-017-10	3/9/2022	10	mg/kg							0.00038	0
DGA-017	DGA-017-5	3/9/2022	5	mg/kg							0.00038	0

sys_loc_code	sys_sample_code	sample_date	start_depth	report_result_unit	Arsenic	D_Arsenic	Beryllium	D_Beryllium	Total PCBs	D_Total PCBs	Trichloroethene	D_Trichloroethene
DGA-019	DGA-019-1	3/9/2022	1	mg/kg							0.00038	0
DGA-019	DGA-019-10	3/9/2022	10	mg/kg							0.00038	0
DGA-019	DGA-019-6.5	3/9/2022	6.5	mg/kg							0.00039	0
DGA-021	DGA-021-1	3/9/2022	1	mg/kg							0.00038	0
DGA-021	DGA-021-10	3/9/2022	10	mg/kg							0.00038	0
DGA-021	DGA-021-5	3/9/2022	5	mg/kg							0.00038	0
DGA-022	DGA-022-1	3/9/2022	1	mg/kg							0.00039	0
DGA-022	DGA-022-10	3/9/2022	10	mg/kg							0.00039	0
DGA-022	DGA-022-5	3/9/2022	5	mg/kg							0.00038	0
DGA-024	DGA-024-1	3/10/2022	1	mg/kg							0.43	1
DGA-024	DGA-024-3	3/10/2022	3	mg/kg							0.16	1
DGA-024	DGA-024-4.5	3/10/2022	4.5	mg/kg							0.041	1
DGA-025	DGA-025-1.5	3/10/2022	1.5	mg/kg							0.58	1
DGA-025	DGA-025-3	3/10/2022	3	mg/kg							0.051	1
DGA-025	DGA-025-5	3/10/2022	5	mg/kg							0.033	1
DGA-026	DGA-026-3	3/10/2022	3	mg/kg							0.0042	1
DGA-026	DGA-026-4.5	3/10/2022	4.5	mg/kg							0.0045	1
DGA-026	DGA-026-6	3/10/2022	6	mg/kg							0.0034	1
NCW-021B	NCW-021-B-050	3/8/2022	5	mg/kg	1.13	0	0.112	0			0.00038	0
PW-07	PW07-1.5	7/28/2020	1.5	mg/kg	5.7	1	0.53	0	0.05	0	0.023	1
PW-11	PW11-1.5	7/28/2020	1.5	mg/kg	5	1	0.47	0	0.18	1	0.0071	0
PW-12	PW12-1.5	7/28/2020	1.5	mg/kg	4.5	1	0.54	0	0.05	0	0.0042	0
PW-15	PW15-1	7/28/2020	1.5	mg/kg	2.8	1	0.45	0	0.05	0		
UT-22	SSS00320 (UT-22-01)	4/23/2013	1	mg/kg							0.0003	0
UT-22	SSS00321 (UT-22-05)	4/23/2013	5	mg/kg							0.0003	0
UT-23	SSS00322 (UT-23-01)	4/23/2013	1	mg/kg					0.014	0	0.0003	0
UT-23	SSS00323 (UT-23-05)	4/23/2013	5	mg/kg					0.014	0	0.059	1
UT-24	SSS00324 (UT-24-01)	4/23/2013	1	mg/kg					0.014	0	0.0003	0
UT-24	SSS00325 (UT-24-05)	4/23/2013	5	mg/kg					0.014	0	0.0003	0
UT-25	SSS00326 (UT-25-01)	4/29/2013	1	mg/kg					0.014	0	0.0003	0
UT-25	SSS00327 (UT-25-05)	4/29/2013	5	mg/kg					0.014	0	0.0003	0
UT-25	SSS00420 (UT-25-01A)	4/23/2013	1	mg/kg					0.014	0	0.0003	0

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.14/26/2022 1:41:49 PM
From File	2022-0426-HAI-ProUCL_B29_ParcelA_Vadose.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Arsenic

General Statistics

Total Number of Observations	60	Number of Distinct Observations	55
		Number of Missing Observations	104
Number of Detects	54	Number of Non-Detects	6
Number of Distinct Detects	53	Number of Distinct Non-Detects	2
Minimum Detect	1.1	Minimum Non-Detect	0.46
Maximum Detect	24.6	Maximum Non-Detect	1.13
Variance Detects	43.92	Percent Non-Detects	10%
Mean Detects	5.417	SD Detects	6.627
Median Detects	2.765	CV Detects	1.223
Skewness Detects	2.09	Kurtosis Detects	2.904
Mean of Logged Detects	1.229	SD of Logged Detects	0.868

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.597	**Normal GOF Test on Detected Observations Only**
5% Shapiro Wilk P Value	0	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.328	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.12	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	4.923	KM Standard Error of Mean	0.834
KM SD	6.402	95% KM (BCA) UCL	6.313
95% KM (t) UCL	6.318	95% KM (Percentile Bootstrap) UCL	6.381
95% KM (z) UCL	6.296	95% KM Bootstrap t UCL	6.717
90% KM Chebyshev UCL	7.426	95% KM Chebyshev UCL	8.56
97.5% KM Chebyshev UCL	10.13	99% KM Chebyshev UCL	13.22

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	4.394	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.774	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.203	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.124	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	1.226	k star (bias corrected MLE)	1.17
Theta hat (MLE)	4.421	Theta star (bias corrected MLE)	4.631
nu hat (MLE)	132.4	nu star (bias corrected)	126.3
Mean (detects)	5.417		

53	**Gamma ROS Statistics using Imputed Non-Detects**											
54	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
55	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
56	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
57	This is especially true when the sample size is small.											
58	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
59					Minimum	0.01			Mean	4.877		
60					Maximum	24.6			Median	2.61		
61					SD	6.49			CV	1.331		
62					k hat (MLE)	0.65			k star (bias corrected MLE)	0.629		
63					Theta hat (MLE)	7.497			Theta star (bias corrected MLE)	7.752		
64					nu hat (MLE)	78.05			nu star (bias corrected)	75.49		
65					Adjusted Level of Significance (β)	0.046						
66					Approximate Chi Square Value (75.49, α)	56.47			Adjusted Chi Square Value (75.49, β)	56.07		
67					95% Gamma Approximate UCL (use when n>=50)	6.518			95% Gamma Adjusted UCL (use when n<50)	6.565		
68												
69	**Estimates of Gamma Parameters using KM Estimates**											
70					Mean (KM)	4.923			SD (KM)	6.402		
71					Variance (KM)	40.99			SE of Mean (KM)	0.834		
72					k hat (KM)	0.591			k star (KM)	0.573		
73					nu hat (KM)	70.97			nu star (KM)	68.75		
74					theta hat (KM)	8.325			theta star (KM)	8.593		
75					80% gamma percentile (KM)	8.114			90% gamma percentile (KM)	12.94		
76					95% gamma percentile (KM)	18.01			99% gamma percentile (KM)	30.34		
77												
78	**Gamma Kaplan-Meier (KM) Statistics**											
79					Approximate Chi Square Value (68.75, α)	50.67			Adjusted Chi Square Value (68.75, β)	50.28		
80					95% Gamma Approximate KM-UCL (use when n>=50)	6.681			95% Gamma Adjusted KM-UCL (use when n<50)	6.732		
81												
82	**Lognormal GOF Test on Detected Observations Only**											
83					Shapiro Wilk Approximate Test Statistic	0.861			**Shapiro Wilk GOF Test**			
84					5% Shapiro Wilk P Value	1.3848E-6			Detected Data Not Lognormal at 5% Significance Level			
85					Lilliefors Test Statistic	0.147			**Lilliefors GOF Test**			
86					5% Lilliefors Critical Value	0.12			Detected Data Not Lognormal at 5% Significance Level			
87	**Detected Data Not Lognormal at 5% Significance Level**											
88												
89	**Lognormal ROS Statistics Using Imputed Non-Detects**											
90					Mean in Original Scale	4.927			Mean in Log Scale	1.036		
91					SD in Original Scale	6.454			SD in Log Scale	1.011		
92					95% t UCL (assumes normality of ROS data)	6.319			95% Percentile Bootstrap UCL	6.324		
93					95% BCA Bootstrap UCL	6.68			95% Bootstrap t UCL	6.74		
94					95% H-UCL (Log ROS)	6.425						
95												
96	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
97					KM Mean (logged)	1.031			KM Geo Mean	2.804		
98					KM SD (logged)	1.011			95% Critical H Value (KM-Log)	2.37		
99					KM Standard Error of Mean (logged)	0.132			95% H-UCL (KM -Log)	6.381		
100					KM SD (logged)	1.011			95% Critical H Value (KM-Log)	2.37		
101					KM Standard Error of Mean (logged)	0.132						
102												
103	**DL/2 Statistics**											
104	**DL/2 Normal**								**DL/2 Log-Transformed**			

105				Mean in Original Scale	4.904					Mean in Log Scale	0.974	
106				SD in Original Scale	6.47					SD in Log Scale	1.133	
107				95% t UCL (Assumes normality)	6.3					95% H-Stat UCL	7.368	
108	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
109												
110	**Nonparametric Distribution Free UCL Statistics**											
111	**Data do not follow a Discernible Distribution at 5% Significance Level**											
112												
113	**Suggested UCL to Use**											
114				95% KM (Chebyshev) UCL	8.56							
115												
116	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
117	Recommendations are based upon data size, data distribution, and skewness.											
118	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
119	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
120												
121	**Beryllium**											
122												
123	**General Statistics**											
124				Total Number of Observations	46					Number of Distinct Observations	46	
125										Number of Missing Observations	118	
126				Number of Detects	40					Number of Non-Detects	6	
127				Number of Distinct Detects	40					Number of Distinct Non-Detects	6	
128				Minimum Detect	0.152					Minimum Non-Detect	0.112	
129				Maximum Detect	0.627					Maximum Non-Detect	0.54	
130				Variance Detects	0.0168					Percent Non-Detects	13.04%	
131				Mean Detects	0.347					SD Detects	0.13	
132				Median Detects	0.348					CV Detects	0.373	
133				Skewness Detects	0.394					Kurtosis Detects	-0.665	
134				Mean of Logged Detects	-1.129					SD of Logged Detects	0.392	
135												
136	**Normal GOF Test on Detects Only**											
137				Shapiro Wilk Test Statistic	0.95					**Shapiro Wilk GOF Test**		
138				5% Shapiro Wilk Critical Value	0.94					Detected Data appear Normal at 5% Significance Level		
139				Lilliefors Test Statistic	0.109					**Lilliefors GOF Test**		
140				5% Lilliefors Critical Value	0.139					Detected Data appear Normal at 5% Significance Level		
141	**Detected Data appear Normal at 5% Significance Level**											
142												
143	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
144				KM Mean	0.333					KM Standard Error of Mean	0.0204	
145				KM SD	0.133					95% KM (BCA) UCL	0.367	
146				95% KM (t) UCL	0.367					95% KM (Percentile Bootstrap) UCL	0.366	
147				95% KM (z) UCL	0.366					95% KM Bootstrap t UCL	0.368	
148				90% KM Chebyshev UCL	0.394					95% KM Chebyshev UCL	0.421	
149				97.5% KM Chebyshev UCL	0.46					99% KM Chebyshev UCL	0.535	
150												
151	**Gamma GOF Tests on Detected Observations Only**											
152				A-D Test Statistic	0.333					**Anderson-Darling GOF Test**		
153				5% A-D Critical Value	0.75					Detected data appear Gamma Distributed at 5% Significance Level		
154				K-S Test Statistic	0.0784					**Kolmogorov-Smirnov GOF**		
155				5% K-S Critical Value	0.14					Detected data appear Gamma Distributed at 5% Significance Level		
156	**Detected data appear Gamma Distributed at 5% Significance Level**											

157											
158	**Gamma Statistics on Detected Data Only**										
159					k hat (MLE)	7.135			k star (bias corrected MLE)		6.617
160					Theta hat (MLE)	0.0487			Theta star (bias corrected MLE)		0.0525
161					nu hat (MLE)	570.8			nu star (bias corrected)		529.3
162					Mean (detects)	0.347					
163											
164	**Gamma ROS Statistics using Imputed Non-Detects**										
165	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs										
166	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
167	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
168	This is especially true when the sample size is small.										
169	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
170					Minimum	0.115			Mean		0.333
171					Maximum	0.627			Median		0.316
172					SD	0.13			CV		0.392
173					k hat (MLE)	6.287			k star (bias corrected MLE)		5.891
174					Theta hat (MLE)	0.0529			Theta star (bias corrected MLE)		0.0564
175					nu hat (MLE)	578.4			nu star (bias corrected)		542
176					Adjusted Level of Significance (β)	0.0448					
177					Approximate Chi Square Value (542.00, α)	489			Adjusted Chi Square Value (542.00, β)		487.4
178					95% Gamma Approximate UCL (use when n>=50)	0.369			95% Gamma Adjusted UCL (use when n<50)		0.37
179											
180	**Estimates of Gamma Parameters using KM Estimates**										
181					Mean (KM)	0.333			SD (KM)		0.133
182					Variance (KM)	0.0176			SE of Mean (KM)		0.0204
183					k hat (KM)	6.291			k star (KM)		5.895
184					nu hat (KM)	578.8			nu star (KM)		542.3
185					theta hat (KM)	0.0529			theta star (KM)		0.0564
186					80% gamma percentile (KM)	0.439			90% gamma percentile (KM)		0.516
187					95% gamma percentile (KM)	0.585			99% gamma percentile (KM)		0.731
188											
189	**Gamma Kaplan-Meier (KM) Statistics**										
190					Approximate Chi Square Value (542.34, α)	489.3			Adjusted Chi Square Value (542.34, β)		487.7
191					95% Gamma Approximate KM-UCL (use when n>=50)	0.369			95% Gamma Adjusted KM-UCL (use when n<50)		0.37
192											
193	**Lognormal GOF Test on Detected Observations Only**										
194					Shapiro Wilk Test Statistic	0.956			**Shapiro Wilk GOF Test**		
195					5% Shapiro Wilk Critical Value	0.94			Detected Data appear Lognormal at 5% Significance Level		
196					Lilliefors Test Statistic	0.0931			**Lilliefors GOF Test**		
197					5% Lilliefors Critical Value	0.139			Detected Data appear Lognormal at 5% Significance Level		
198	**Detected Data appear Lognormal at 5% Significance Level**										
199											
200	**Lognormal ROS Statistics Using Imputed Non-Detects**										
201					Mean in Original Scale	0.332			Mean in Log Scale		-1.18
202					SD in Original Scale	0.13			SD in Log Scale		0.411
203					95% t UCL (assumes normality of ROS data)	0.364			95% Percentile Bootstrap UCL		0.363
204					95% BCA Bootstrap UCL	0.364			95% Bootstrap t UCL		0.365
205					95% H-UCL (Log ROS)	0.374					
206											
207	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**										
208					KM Mean (logged)	-1.189			KM Geo Mean		0.305

209				KM SD (logged)	0.437				95% Critical H Value (KM-Log)		1.843
210				KM Standard Error of Mean (logged)	0.0677				95% H-UCL (KM -Log)		0.378
211				KM SD (logged)	0.437				95% Critical H Value (KM-Log)		1.843
212				KM Standard Error of Mean (logged)	0.0677						
213											
214	**DL/2 Statistics**										
215	**DL/2 Normal**					**DL/2 Log-Transformed**					
216				Mean in Original Scale	0.326				Mean in Log Scale		-1.225
217				SD in Original Scale	0.136				SD in Log Scale		0.503
218				95% t UCL (Assumes normality)	0.36				95% H-Stat UCL		0.384
219	**DL/2 is not a recommended method, provided for comparisons and historical reasons**										
220											
221	**Nonparametric Distribution Free UCL Statistics**										
222	**Detected Data appear Normal Distributed at 5% Significance Level**										
223											
224	**Suggested UCL to Use**										
225				95% KM (t) UCL	0.367						
226											
227	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.										
228	Recommendations are based upon data size, data distribution, and skewness.										
229	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).										
230	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.										
231											
232	**Total PCBs**										
233											
234	**General Statistics**										
235				Total Number of Observations	82				Number of Distinct Observations		15
236									Number of Missing Observations		91
237				Number of Detects	10				Number of Non-Detects		72
238				Number of Distinct Detects	10				Number of Distinct Non-Detects		5
239				Minimum Detect	0.00566				Minimum Non-Detect		0.00537
240				Maximum Detect	1.3				Maximum Non-Detect		0.05
241				Variance Detects	0.151				Percent Non-Detects		87.8%
242				Mean Detects	0.217				SD Detects		0.389
243				Median Detects	0.113				CV Detects		1.791
244				Skewness Detects	2.925				Kurtosis Detects		8.896
245				Mean of Logged Detects	-2.626				SD of Logged Detects		1.649
246											
247	**Normal GOF Test on Detects Only**										
248				Shapiro Wilk Test Statistic	0.552	**Shapiro Wilk GOF Test**					
249				5% Shapiro Wilk Critical Value	0.842	Detected Data Not Normal at 5% Significance Level					
250				Lilliefors Test Statistic	0.392	**Lilliefors GOF Test**					
251				5% Lilliefors Critical Value	0.262	Detected Data Not Normal at 5% Significance Level					
252	**Detected Data Not Normal at 5% Significance Level**										
253											
254	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**										
255				KM Mean	0.0319				KM Standard Error of Mean		0.017
256				KM SD	0.146				95% KM (BCA) UCL		0.0623
257				95% KM (t) UCL	0.0603				95% KM (Percentile Bootstrap) UCL		0.0628
258				95% KM (z) UCL	0.0599				95% KM Bootstrap t UCL		0.131
259				90% KM Chebyshev UCL	0.083				95% KM Chebyshev UCL		0.106
260				97.5% KM Chebyshev UCL	0.138				99% KM Chebyshev UCL		0.201

261												
262	**Gamma GOF Tests on Detected Observations Only**											
263					A-D Test Statistic	0.486	**Anderson-Darling GOF Test**					
264					5% A-D Critical Value	0.772	Detected data appear Gamma Distributed at 5% Significance Level					
265					K-S Test Statistic	0.218	**Kolmogorov-Smirnov GOF**					
266					5% K-S Critical Value	0.28	Detected data appear Gamma Distributed at 5% Significance Level					
267	**Detected data appear Gamma Distributed at 5% Significance Level**											
268												
269	**Gamma Statistics on Detected Data Only**											
270					k hat (MLE)	0.567	k star (bias corrected MLE)	0.464				
271					Theta hat (MLE)	0.382	Theta star (bias corrected MLE)	0.468				
272					nu hat (MLE)	11.35	nu star (bias corrected)	9.277				
273					Mean (detects)	0.217						
274												
275	**Gamma ROS Statistics using Imputed Non-Detects**											
276	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
277	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
278	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
279	This is especially true when the sample size is small.											
280	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
281					Minimum	0.00566	Mean	0.0352				
282					Maximum	1.3	Median	0.01				
283					SD	0.146	CV	4.153				
284					k hat (MLE)	0.606	k star (bias corrected MLE)	0.592				
285					Theta hat (MLE)	0.0582	Theta star (bias corrected MLE)	0.0595				
286					nu hat (MLE)	99.38	nu star (bias corrected)	97.08				
287					Adjusted Level of Significance (β)	0.0471						
288					Approximate Chi Square Value (97.08, α)	75.35	Adjusted Chi Square Value (97.08, β)	75.01				
289					95% Gamma Approximate UCL (use when n>=50)	0.0454	95% Gamma Adjusted UCL (use when n<50)	0.0456				
290												
291	**Estimates of Gamma Parameters using KM Estimates**											
292					Mean (KM)	0.0319	SD (KM)	0.146				
293					Variance (KM)	0.0213	SE of Mean (KM)	0.017				
294					k hat (KM)	0.0478	k star (KM)	0.0542				
295					nu hat (KM)	7.839	nu star (KM)	8.886				
296					theta hat (KM)	0.668	theta star (KM)	0.589				
297					80% gamma percentile (KM)	0.00568	90% gamma percentile (KM)	0.0538				
298					95% gamma percentile (KM)	0.174	99% gamma percentile (KM)	0.673				
299												
300	**Gamma Kaplan-Meier (KM) Statistics**											
301					Approximate Chi Square Value (8.89, α)	3.258	Adjusted Chi Square Value (8.89, β)	3.197				
302					95% Gamma Approximate KM-UCL (use when n>=50)	0.0871	95% Gamma Adjusted KM-UCL (use when n<50)	0.0888				
303												
304	**Lognormal GOF Test on Detected Observations Only**											
305					Shapiro Wilk Test Statistic	0.95	**Shapiro Wilk GOF Test**					
306					5% Shapiro Wilk Critical Value	0.842	Detected Data appear Lognormal at 5% Significance Level					
307					Lilliefors Test Statistic	0.177	**Lilliefors GOF Test**					
308					5% Lilliefors Critical Value	0.262	Detected Data appear Lognormal at 5% Significance Level					
309	**Detected Data appear Lognormal at 5% Significance Level**											
310												
311	**Lognormal ROS Statistics Using Imputed Non-Detects**											
312					Mean in Original Scale	0.0277	Mean in Log Scale	-8.237				

313				SD in Original Scale		0.148					SD in Log Scale	3.327
314				95% t UCL (assumes normality of ROS data)		0.0548					95% Percentile Bootstrap UCL	0.0594
315				95% BCA Bootstrap UCL		0.0792					95% Bootstrap t UCL	0.142
316				95% H-UCL (Log ROS)		0.445						
317												
318	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
319				KM Mean (logged)		-4.844					KM Geo Mean	0.00788
320				KM SD (logged)		1.03					95% Critical H Value (KM-Log)	2.262
321				KM Standard Error of Mean (logged)		0.13					95% H-UCL (KM -Log)	0.0173
322				KM SD (logged)		1.03					95% Critical H Value (KM-Log)	2.262
323				KM Standard Error of Mean (logged)		0.13						
324												
325	**DL/2 Statistics**											
326	**DL/2 Normal**						**DL/2 Log-Transformed**					
327				Mean in Original Scale		0.0385					Mean in Log Scale	-4.399
328				SD in Original Scale		0.146					SD in Log Scale	1.249
329				95% t UCL (Assumes normality)		0.0654					95% H-Stat UCL	0.0378
330	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
331												
332	**Nonparametric Distribution Free UCL Statistics**											
333	**Detected Data appear Gamma Distributed at 5% Significance Level**											
334												
335	**Suggested UCL to Use**											
336				95% KM Approximate Gamma UCL		0.0871						
337												
338	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
339	Recommendations are based upon data size, data distribution, and skewness.											
340	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
341	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
342												
343	**Trichloroethene**											
344												
345	**General Statistics**											
346				Total Number of Observations		152					Number of Distinct Observations	49
347											Number of Missing Observations	21
348				Number of Detects		40					Number of Non-Detects	112
349				Number of Distinct Detects		39					Number of Distinct Non-Detects	11
350				Minimum Detect		6.4000E-4					Minimum Non-Detect	2.9000E-4
351				Maximum Detect		37.8					Maximum Non-Detect	0.0071
352				Variance Detects		36.64					Percent Non-Detects	73.68%
353				Mean Detects		1.287					SD Detects	6.053
354				Median Detects		0.0208					CV Detects	4.702
355				Skewness Detects		5.95					Kurtosis Detects	36.39
356				Mean of Logged Detects		-3.633					SD of Logged Detects	2.632
357												
358	**Normal GOF Test on Detects Only**											
359				Shapiro Wilk Test Statistic		0.231	**Shapiro Wilk GOF Test**					
360				5% Shapiro Wilk Critical Value		0.94	Detected Data Not Normal at 5% Significance Level					
361				Lilliefors Test Statistic		0.441	**Lilliefors GOF Test**					
362				5% Lilliefors Critical Value		0.139	Detected Data Not Normal at 5% Significance Level					
363	**Detected Data Not Normal at 5% Significance Level**											
364												

	A	B	C	D	E	F	G	H	I	J	K	L
365	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
366					KM Mean	0.339				KM Standard Error of Mean		0.256
367					KM SD	3.118				95% KM (BCA) UCL		0.836
368					95% KM (t) UCL	0.763				95% KM (Percentile Bootstrap) UCL		0.824
369					95% KM (z) UCL	0.76				95% KM Bootstrap t UCL		6.504
370					90% KM Chebyshev UCL	1.107				95% KM Chebyshev UCL		1.455
371					97.5% KM Chebyshev UCL	1.939				99% KM Chebyshev UCL		2.887
372												
373	**Gamma GOF Tests on Detected Observations Only**											
374					A-D Test Statistic	4.797	**Anderson-Darling GOF Test**					
375					5% A-D Critical Value	0.918	Detected Data Not Gamma Distributed at 5% Significance Level					
376					K-S Test Statistic	0.272	**Kolmogorov-Smirnov GOF**					
377					5% K-S Critical Value	0.155	Detected Data Not Gamma Distributed at 5% Significance Level					
378	**Detected Data Not Gamma Distributed at 5% Significance Level**											
379												
380	**Gamma Statistics on Detected Data Only**											
381					k hat (MLE)	0.191				k star (bias corrected MLE)		0.193
382					Theta hat (MLE)	6.747				Theta star (bias corrected MLE)		6.665
383					nu hat (MLE)	15.26				nu star (bias corrected)		15.45
384					Mean (detects)	1.287						
385												
386	**Gamma ROS Statistics using Imputed Non-Detects**											
387	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
388	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
389	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
390	This is especially true when the sample size is small.											
391	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
392					Minimum	6.4000E-4				Mean		0.346
393					Maximum	37.8				Median		0.01
394					SD	3.128				CV		9.036
395					k hat (MLE)	0.22				k star (bias corrected MLE)		0.22
396					Theta hat (MLE)	1.57				Theta star (bias corrected MLE)		1.57
397					nu hat (MLE)	67				nu star (bias corrected)		67.01
398					Adjusted Level of Significance (β)	0.0484						
399					Approximate Chi Square Value (67.01, α)	49.17				Adjusted Chi Square Value (67.01, β)		49.03
400					95% Gamma Approximate UCL (use when n>=50)	0.472				95% Gamma Adjusted UCL (use when n<50)		0.473
401												
402	**Estimates of Gamma Parameters using KM Estimates**											
403					Mean (KM)	0.339				SD (KM)		3.118
404					Variance (KM)	9.722				SE of Mean (KM)		0.256
405					k hat (KM)	0.0118				k star (KM)		0.016
406					nu hat (KM)	3.593				nu star (KM)		4.855
407					theta hat (KM)	28.68				theta star (KM)		21.22
408					80% gamma percentile (KM)	1.0331E-5				90% gamma percentile (KM)		0.0165
409					95% gamma percentile (KM)	0.498				99% gamma percentile (KM)		9.606
410												
411	**Gamma Kaplan-Meier (KM) Statistics**											
412					Approximate Chi Square Value (4.86, α)	1.086				Adjusted Chi Square Value (4.86, β)		1.069
413					95% Gamma Approximate KM-UCL (use when n>=50)	1.516				95% Gamma Adjusted KM-UCL (use when n<50)		1.539
414												
415	**Lognormal GOF Test on Detected Observations Only**											
416					Shapiro Wilk Test Statistic	0.939	**Shapiro Wilk GOF Test**					

417	5% Shapiro Wilk Critical Value					0.94	Detected Data Not Lognormal at 5% Significance Level					
418	Lilliefors Test Statistic					0.124	**Lilliefors GOF Test**					
419	5% Lilliefors Critical Value					0.139	Detected Data appear Lognormal at 5% Significance Level					
420	**Detected Data appear Approximate Lognormal at 5% Significance Level**											
421												
422	**Lognormal ROS Statistics Using Imputed Non-Detects**											
423	Mean in Original Scale					0.339	Mean in Log Scale					-10.39
424	SD in Original Scale					3.128	SD in Log Scale					5.216
425	95% t UCL (assumes normality of ROS data)					0.759	95% Percentile Bootstrap UCL					0.82
426	95% BCA Bootstrap UCL					1.334	95% Bootstrap t UCL					6.724
427	95% H-UCL (Log ROS)					616.9						
428												
429	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
430	KM Mean (logged)					-6.95	KM Geo Mean					9.5829E-4
431	KM SD (logged)					2.393	95% Critical H Value (KM-Log)					3.786
432	KM Standard Error of Mean (logged)					0.197	95% H-UCL (KM -Log)					0.035
433	KM SD (logged)					2.393	95% Critical H Value (KM-Log)					3.786
434	KM Standard Error of Mean (logged)					0.197						
435												
436	**DL/2 Statistics**											
437	**DL/2 Normal**						**DL/2 Log-Transformed**					
438	Mean in Original Scale					0.339	Mean in Log Scale					-7.236
439	SD in Original Scale					3.128	SD in Log Scale					2.588
440	95% t UCL (Assumes normality)					0.759	95% H-Stat UCL					0.0479
441	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
442												
443	**Nonparametric Distribution Free UCL Statistics**											
444	**Detected Data appear Approximate Lognormal Distributed at 5% Significance Level**											
445												
446	**Suggested UCL to Use**											
447	KM H-UCL					0.035						
448												
449	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
450	Recommendations are based upon data size, data distribution, and skewness.											
451	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
452	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
453												

Building 29 Exposure Area

Planned Loading Dock Excavation Area

Construction Worker

sys_loc_code	sys_sample_code	sample_date	start_depth	report_result_unit	Trichloroethene	D_Trichloroethene
B29-05	B29-05-2	6/28/2016	1.5	mg/kg	0.015	1
B29-05	B29-05-5	6/28/2016	4.5	mg/kg	0.014	1
B29-06	B29-06-1	6/29/2016	0.5	mg/kg	0.00031	0
B29-06	B29-06-5	6/29/2016	4.5	mg/kg	0.00029	0
B29-22	B29-22-010	1/10/2020	0.5	mg/kg	1.33	1
B29-22	B29-22-050	1/10/2020	4.5	mg/kg	0.0474	1
B29-23	B29-23-010	1/10/2020	0.5	mg/kg	37.8	1
B29-23	B29-23-050	1/10/2020	4.5	mg/kg	0.0502	1
B29-24	B29-24-010	1/14/2020	0.5	mg/kg	7.83	1
B29-24	B29-24-050	1/14/2020	4.5	mg/kg	0.0925	1
B29-25	B29-25-010	1/9/2020	0.5	mg/kg	0.0004	0
B29-25	B29-25-050	1/9/2020	4.5	mg/kg	0.000404	0
B29-26	B29-26-050	1/14/2020	4.5	mg/kg	0.0186	1
B29-26	B29-26-10	1/14/2020	0.5	mg/kg	0.737	1
B29-27	B29-27-010	1/14/2020	0.5	mg/kg	0.275	1
B29-27	B29-27-050	1/14/2020	4.5	mg/kg	0.00273	1
B29-28	B29-28-010	1/14/2020	0.5	mg/kg	1.43	1
B29-28	B29-28-050	1/14/2020	4.5	mg/kg	0.00228	1
B29-32A	B29-32A-010	1/14/2020	0.5	mg/kg	0.0004	0
B29-32A	B29-32A-050	1/14/2020	4.5	mg/kg	0.0004	0
B29-32B	B29-32B-010	1/14/2020	0.5	mg/kg	0.0004	0
B29-32B	B29-32B-050	1/14/2020	4.5	mg/kg	0.0004	0
B29-32C	B29-32C-010	1/14/2020	0.5	mg/kg	0.0004	0
B29-32C	B29-32C-050	1/14/2020	4.5	mg/kg	0.0004	0
DGA-024	DGA-024-1	3/10/2022	1	mg/kg	0.43	1
DGA-024	DGA-024-3	3/10/2022	3	mg/kg	0.16	1
DGA-024	DGA-024-4.5	3/10/2022	4.5	mg/kg	0.041	1
DGA-025	DGA-025-1.5	3/10/2022	1.5	mg/kg	0.58	1
DGA-025	DGA-025-3	3/10/2022	3	mg/kg	0.051	1
DGA-025	DGA-025-5	3/10/2022	5	mg/kg	0.033	1
DGA-026	DGA-026-3	3/10/2022	3	mg/kg	0.0042	1
DGA-026	DGA-026-4.5	3/10/2022	4.5	mg/kg	0.0045	1
PW-07	PW07-1.5	7/28/2020	1.5	mg/kg	0.023	1

UCL Statistics for Data Sets with Non-Detects		
User Selected Options		
Date/Time of Computation	ProUCL 5.14/26/2022 2:49:37 PM	
From File	2022-0426-HAI-ProUCL_B29_ParcelA_Exc_Vadose_TCE.xls	
Full Precision	OFF	
Confidence Coefficient	95%	
Number of Bootstrap Operations	2000	

Trichloroethene

General Statistics

Total Number of Observations	33	Number of Distinct Observations	27
Number of Detects	23	Number of Non-Detects	10
Number of Distinct Detects	23	Number of Distinct Non-Detects	4
Minimum Detect	0.00228	Minimum Non-Detect	2.9000E-4
Maximum Detect	37.8	Maximum Non-Detect	4.0400E-4
Variance Detects	62.83	Percent Non-Detects	30.3%
Mean Detects	2.216	SD Detects	7.926
Median Detects	0.0502	CV Detects	3.577
Skewness Detects	4.504	Kurtosis Detects	20.83
Mean of Logged Detects	-2.416	SD of Logged Detects	2.532

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.306	**Shapiro Wilk GOF Test**
5% Shapiro Wilk Critical Value	0.914	Detected Data Not Normal at 5% Significance Level
Lilliefors Test Statistic	0.453	**Lilliefors GOF Test**
5% Lilliefors Critical Value	0.18	Detected Data Not Normal at 5% Significance Level

Detected Data Not Normal at 5% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	1.545	KM Standard Error of Mean	1.166
KM SD	6.551	95% KM (BCA) UCL	3.716
95% KM (t) UCL	3.52	95% KM (Percentile Bootstrap) UCL	3.742
95% KM (z) UCL	3.463	95% KM Bootstrap t UCL	29.99
90% KM Chebyshev UCL	5.043	95% KM Chebyshev UCL	6.628
97.5% KM Chebyshev UCL	8.827	99% KM Chebyshev UCL	13.15

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	2.274	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.885	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.23	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.2	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.225	k star (bias corrected MLE)	0.225
Theta hat (MLE)	9.854	Theta star (bias corrected MLE)	9.869
nu hat (MLE)	10.35	nu star (bias corrected)	10.33
Mean (detects)	2.216		

Gamma ROS Statistics using Imputed Non-Detects

53	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
56	This is especially true when the sample size is small.											
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
58					Minimum	0.00228				Mean	1.548	
59					Maximum	37.8				Median	0.0186	
60					SD	6.652				CV	4.298	
61					k hat (MLE)	0.208				k star (bias corrected MLE)	0.209	
62					Theta hat (MLE)	7.44				Theta star (bias corrected MLE)	7.394	
63					nu hat (MLE)	13.73				nu star (bias corrected)	13.81	
64					Adjusted Level of Significance (β)	0.0419						
65					Approximate Chi Square Value (13.81, α)	6.444				Adjusted Chi Square Value (13.81, β)	6.185	
66					95% Gamma Approximate UCL (use when n>=50)	3.318				95% Gamma Adjusted UCL (use when n<50)	3.456	
67												
68	**Estimates of Gamma Parameters using KM Estimates**											
69					Mean (KM)	1.545				SD (KM)	6.551	
70					Variance (KM)	42.92				SE of Mean (KM)	1.166	
71					k hat (KM)	0.0556				k star (KM)	0.0707	
72					nu hat (KM)	3.669				nu star (KM)	4.669	
73					theta hat (KM)	27.79				theta star (KM)	21.84	
74					80% gamma percentile (KM)	0.567				90% gamma percentile (KM)	3.36	
75					95% gamma percentile (KM)	8.896				99% gamma percentile (KM)	28.97	
76												
77	**Gamma Kaplan-Meier (KM) Statistics**											
78					Approximate Chi Square Value (4.67, α)	1.002				Adjusted Chi Square Value (4.67, β)	0.92	
79					95% Gamma Approximate KM-UCL (use when n>=50)	7.195				95% Gamma Adjusted KM-UCL (use when n<50)	7.84	
80	95% Gamma Adjusted KM-UCL (use when k<=1 and 15 < n < 50)											
81												
82	**Lognormal GOF Test on Detected Observations Only**											
83					Shapiro Wilk Test Statistic	0.957				**Shapiro Wilk GOF Test**		
84					5% Shapiro Wilk Critical Value	0.914				Detected Data appear Lognormal at 5% Significance Level		
85					Lilliefors Test Statistic	0.153				**Lilliefors GOF Test**		
86					5% Lilliefors Critical Value	0.18				Detected Data appear Lognormal at 5% Significance Level		
87	**Detected Data appear Lognormal at 5% Significance Level**											
88												
89	**Lognormal ROS Statistics Using Imputed Non-Detects**											
90					Mean in Original Scale	1.545				Mean in Log Scale	-4.267	
91					SD in Original Scale	6.653				SD in Log Scale	3.607	
92					95% t UCL (assumes normality of ROS data)	3.506				95% Percentile Bootstrap UCL	3.693	
93					95% BCA Bootstrap UCL	5.517				95% Bootstrap t UCL	30.39	
94					95% H-UCL (Log ROS)	572.7						
95												
96	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
97					KM Mean (logged)	-4.152				KM Geo Mean	0.0157	
98					KM SD (logged)	3.348				95% Critical H Value (KM-Log)	6.021	
99					KM Standard Error of Mean (logged)	0.596				95% H-UCL (KM -Log)	150.6	
100					KM SD (logged)	3.348				95% Critical H Value (KM-Log)	6.021	
101					KM Standard Error of Mean (logged)	0.596						
102												
103	**DL/2 Statistics**											
104	**DL/2 Normal**									**DL/2 Log-Transformed**		

	A	B	C	D	E	F	G	H	I	J	K	L
105					Mean in Original Scale	1.545				Mean in Log Scale		-4.282
106					SD in Original Scale	6.653				SD in Log Scale		3.56
107					95% t UCL (Assumes normality)	3.506				95% H-Stat UCL		429.5
108	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
109												
110	**Nonparametric Distribution Free UCL Statistics**											
111	**Detected Data appear Lognormal Distributed at 5% Significance Level**											
112												
113	**Suggested UCL to Use**											
114					97.5% KM (Chebyshev) UCL	8.827						
115												
116	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
117	Recommendations are based upon data size, data distribution, and skewness.											
118	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
119	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
120												

APPENDIX C

Vapor Intrusion Evaluation Calculations

Building 99 Evaluation

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDING 99
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Building 99

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	82	0.03	2.46	na	3900	na	6E-04
Trichloroethene	32	0.03	0.96	3	8.8	3E-07	1E-01
						3E-07	1E-01

Building 100 Evaluation

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDING 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Building 100

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	69	0.03	2.07	na	3900	na	5E-04
Trichloroethene	30	0.03	0.9	3	8.8	3E-07	1E-01
						3E-07	1E-01

Point-by-Point Evaluation

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B99-V01

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	80	0.03	2.4	na	3900	na	6E-04
					B99-V01	0E+00	6E-04

Sample ID: B99-V02

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	61	0.03	1.83	na	3900	na	5E-04
					B99-V02	0E+00	5E-04

Sample ID: B99-V03

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	64	0.03	1.92	na	3900	na	5E-04
					B99-V03	0E+00	5E-04

Sample ID: B99-V04

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
No VOCs Detected							
					B99-V04	0E+00	0E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B99-V05

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	82	0.03	2.46	na	3900	na	6E-04
Trichloroethene	32	0.03	0.96	3	8.8	3E-07	1E-01
					B99-V05	3E-07	1E-01

Sample ID: B99-V06

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	63	0.03	1.89	na	3900	na	5E-04
					B99-V06	0E+00	5E-04

Sample ID: B100-V01

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Trichloroethene	30	0.03	0.9	3	8.8	3E-07	1E-01
					B100-V01	3E-07	1E-01

Sample ID: B100-V02

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	69	0.03	2.07	na	3900	na	5E-04
					B100-V02	0E+00	5E-04

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B100-V03

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
No VOCs Detected							
					B100-V03	0E+00	0E+00

Sample ID: B29-V04

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	210	0.03	6.3	2	180	3E-06	4E-02
Trichloroethene	7500	0.03	225	3	8.8	8E-05	3E+01
					B29-V04	8E-05	3E+01

Sample ID: B29-V05

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	46	0.03	1.38	na	4400	na	3E-04
Benzene	27	0.03	0.81	0.42	13	2E-06	6E-02
Ethylbenzene	47	0.03	1.41	4.9	4400	3E-07	3E-04
m,p-Xylenes	190	0.03	5.7	na	440	na	1E-02
o-Xylene	53	0.03	1.59	na	440	na	4E-03
Tetrachloroethene	220	0.03	6.6	2	180	3E-06	4E-02
Toluene	180	0.03	5.4	na	1300	na	4E-03
					B29-V05	6E-06	1E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B29-V06

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	110	0.03	3.3	na	3900	na	8E-04
Toluene	44	0.03	1.32	na	1300	na	1E-03
					B29-V06	0E+00	2E-03

Sample ID: B29-V07

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Chloroform (Trichloromethane)	240	0.03	7.2	0.53	430	1E-05	2E-02
m,p-Xylenes	88	0.03	2.64	na	440	na	6E-03
o-Xylene	31	0.03	0.93	na	440	na	2E-03
Tetrachloroethene	2200	0.03	66	2	180	3E-05	4E-01
Toluene	46	0.03	1.38	na	1300	na	1E-03
Trichloroethene	7800	0.03	234	3	8.8	8E-05	3E+01
					B29-V07	1E-04	3E+01

Sample ID: B29-V08

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	52	0.03	1.56	na	3900	na	4E-04
Tetrachloroethene	80	0.03	2.4	2	180	1E-06	1E-02
Trichloroethene	130	0.03	3.9	3	8.8	1E-06	4E-01
					B29-V08	3E-06	5E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B29-V09

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	110	0.03	3.3	na	4400	na	8E-04
Chloroform (Trichloromethane)	170	0.03	5.1	0.53	430	1E-05	1E-02
Styrene	52	0.03	1.56	na	3900	na	4E-04
Trichloroethene	11000	0.03	330	3	8.8	1E-04	4E+01
					B29-V09	1E-04	4E+01

Sample ID: B29-V10

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	92	0.03	2.76	na	3900	na	7E-04
Trichloroethene	120	0.03	3.6	3	8.8	1E-06	4E-01
					B29-V10	1E-06	4E-01

Sample ID: B29-V11

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	66	0.03	1.98	na	3900	na	5E-04
					B29-V11	0E+00	5E-04

Sample ID: B29-V12

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	53	0.03	1.59	na	3900	na	4E-04
					B29-V12	0E+00	4E-04

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B29-V13

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	74	0.03	2.22	na	3900	na	6E-04
					B29-V13	0E+00	6E-04

Sample ID: B29-V14

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	46	0.03	1.38	na	4400	na	3E-04
Styrene	65	0.03	1.95	na	3900	na	5E-04
					B29-V14	0E+00	8E-04

Sample ID: B29-V15

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	64	0.03	1.92	na	3900	na	5E-04
Trichlorofluoromethane (CFC-11)	60	0.03	1.8	na	5300	na	3E-04
					B29-V15	0E+00	8E-04

Sample ID: B29-V16

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	790	0.03	23.7	na	4400	na	5E-03
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	320	0.03	9.6	na	22000	na	4E-04
Tetrachloroethene	340	0.03	10.2	2	180	5E-06	6E-02
Trichloroethene	16000	0.03	480	3	8.8	2E-04	5E+01
					B29-V16	2E-04	5E+01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B29-V17

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	110	0.03	3.3	na	3900	na	8E-04
Trichloroethene	43	0.03	1.29	3	8.8	4E-07	1E-01
					B29-V17	4E-07	1E-01

Sample ID: B29-V18

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	62	0.03	1.86	na	3900	na	5E-04
Tetrachloroethene	57	0.03	1.71	2	180	9E-07	1E-02
Trichloroethene	42	0.03	1.26	3	8.8	4E-07	1E-01
					B29-V18	1E-06	2E-01

Sample ID: B29-V19

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	480	0.03	14.4	na	4400	na	3E-03
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	1900	0.03	57	na	22000	na	3E-03
1,1-Dichloroethane	53	0.03	1.59	7.7	3500	2E-07	5E-04
cis-1,2-Dichloroethene	1300	0.03	39	na	35	na	1E+00
Styrene	99	0.03	2.97	na	3900	na	8E-04
trans-1,2-Dichloroethene	150	0.03	4.5	na	350	na	1E-02
Trichloroethene	9800	0.03	294	3	8.8	1E-04	3E+01
					B29-V19	1E-04	3E+01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW01B-SV-5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,2,4-Trimethylbenzene	610	0.03	18.3	na	260	na	7E-02
1,3,5-Trimethylbenzene	220	0.03	6.6	na	260	na	3E-02
4-Ethyltoluene	130	0.03	3.9	na	na	na	na
4-Isopropyltoluene	79	0.03	2.37	na	na	na	na
Ethylbenzene	150	0.03	4.5	4.9	4400	9E-07	1E-03
m,p-Xylenes	670	0.03	20.1	na	440	na	5E-02
n-Propylbenzene	80	0.03	2.4	na	4400	na	5E-04
o-Xylene	240	0.03	7.2	na	440	na	2E-02
Toluene	230	0.03	6.9	na	1300	na	5E-03
Trichloroethene	140	0.03	4.2	3	8.8	1E-06	5E-01
					PW01B-SV-5	2E-06	6E-01

Sample ID: PW06-SV-3.5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,2,4-Trimethylbenzene	600	0.03	18	na	260	na	7E-02
Chloroform (Trichloromethane)	1600	0.03	48	0.53	430	9E-05	1E-01
m,p-Xylenes	1100	0.03	33	na	440	na	8E-02
Toluene	510	0.03	15.3	na	1300	na	1E-02
Trichloroethene	160000	0.03	4800	3	8.8	2E-03	5E+02
					PW06-SV-3.5	2E-03	5E+02

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW07-SV-4

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	38	0.03	1.14	na	4400	na	3E-04
1,2,4-Trimethylbenzene	120	0.03	3.6	na	260	na	1E-02
1,3,5-Trimethylbenzene	48	0.03	1.44	na	260	na	6E-03
4-Ethyltoluene	22	0.03	0.66	na	na	na	na
Chloroform (Trichloromethane)	160	0.03	4.8	0.53	430	9E-06	1E-02
Ethylbenzene	28	0.03	0.84	4.9	4400	2E-07	2E-04
m,p-Xylenes	130	0.03	3.9	na	440	na	9E-03
o-Xylene	40	0.03	1.2	na	440	na	3E-03
Tetrachloroethene	330	0.03	9.9	2	180	5E-06	6E-02
Toluene	51	0.03	1.53	na	1300	na	1E-03
Trichloroethene	7600	0.03	228	3	8.8	8E-05	3E+01
					PW07-SV-4	9E-05	3E+01

Sample ID: PW08-SV-5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,2,4-Trimethylbenzene	530	0.03	15.9	na	260	na	6E-02
1,3,5-Trimethylbenzene	270	0.03	8.1	na	260	na	3E-02
4-Ethyltoluene	160	0.03	4.8	na	na	na	na
4-Isopropyltoluene	80	0.03	2.4	na	na	na	na
Benzene	75	0.03	2.25	0.42	13	5E-06	2E-01
Chloroform (Trichloromethane)	32	0.03	0.96	0.53	430	2E-06	2E-03
Ethylbenzene	340	0.03	10.2	4.9	4400	2E-06	2E-03
Isopropylbenzene	33	0.03	0.99	na	1800	na	6E-04
m,p-Xylenes	1300	0.03	39	na	440	na	9E-02
n-Propylbenzene	120	0.03	3.6	na	4400	na	8E-04
o-Xylene	360	0.03	10.8	na	440	na	2E-02
Tetrachloroethene	96	0.03	2.88	2	180	1E-06	2E-02
Toluene	670	0.03	20.1	na	1300	na	2E-02
Trichloroethene	54	0.03	1.62	3	8.8	5E-07	2E-01
					PW08-SV-5	1E-05	6E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW09-SV-4.5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	120	0.03	3.6	na	4400	na	8E-04
1,2,4-Trimethylbenzene	140	0.03	4.2	na	260	na	2E-02
Bromodichloromethane	140	0.03	4.2	0.33	350	1E-05	1E-02
Chloroform (Trichloromethane)	410	0.03	12.3	0.53	430	2E-05	3E-02
m,p-Xylenes	200	0.03	6	na	440	na	1E-02
Toluene	150	0.03	4.5	na	1300	na	3E-03
Trichloroethene	14000	0.03	420	3	8.8	1E-04	5E+01
					PW09-SV-4.5	2E-04	5E+01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW11-SV-3

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	5.6	0.03	0.168	na	22000	na	8E-06
1,2,4-Trimethylbenzene	110	0.03	3.3	na	260	na	1E-02
1,3,5-Trimethylbenzene	67	0.03	2.01	na	260	na	8E-03
4-Ethyltoluene	29	0.03	0.87	na	na	na	na
4-Isopropyltoluene	8.8	0.03	0.264	na	na	na	na
Acetone	51	0.03	1.53	na	140000	na	1E-05
Benzene	10	0.03	0.3	0.42	13	7E-07	2E-02
Bromodichloromethane	16	0.03	0.48	0.33	350	1E-06	1E-03
Chloroform (Trichloromethane)	14	0.03	0.42	0.53	430	8E-07	1E-03
Dibromochloromethane	12	0.03	0.36	0.58	350	6E-07	1E-03
Ethylbenzene	50	0.03	1.5	4.9	4400	3E-07	3E-04
Heptane	4.9	0.03	0.147	na	1800	na	8E-05
Isobutane	5.1	0.03	0.153	na	na	na	na
Isopropylbenzene	5.9	0.03	0.177	na	1800	na	1E-04
m,p-Xylenes	160	0.03	4.8	na	440	na	1E-02
n-Hexane	5.9	0.03	0.177	na	3100	na	6E-05
n-Propylbenzene	19	0.03	0.57	na	4400	na	1E-04
o-Xylene	70	0.03	2.1	na	440	na	5E-03
Propylene	7.5	0.03	0.225	na	13000	na	2E-05
Styrene	14	0.03	0.42	na	3900	na	1E-04
Tetrachloroethene	16	0.03	0.48	2	180	2E-07	3E-03
Toluene	89	0.03	2.67	na	1300	na	2E-03
Trichloroethene	5.9	0.03	0.177	3	8.8	6E-08	2E-02
					PW11-SV-3	4E-06	9E-02

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW12-SV-3

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,2,4-Trimethylbenzene	400	0.03	12	na	260	na	5E-02
1,3,5-Trimethylbenzene	180	0.03	5.4	na	260	na	2E-02
2,2,4-Trimethylpentane	12	0.03	0.36	na	na	na	na
4-Ethyltoluene	110	0.03	3.3	na	na	na	na
4-Isopropyltoluene	63	0.03	1.89	na	na	na	na
Acetone	59	0.03	1.77	na	140000	na	1E-05
Benzene	36	0.03	1.08	0.42	13	3E-06	8E-02
Bromodichloromethane	17	0.03	0.51	0.33	350	2E-06	1E-03
Chloroform (Trichloromethane)	20	0.03	0.6	0.53	430	1E-06	1E-03
Cyclohexane	3.6	0.03	0.108	na	26000	na	4E-06
Dibromochloromethane	9.5	0.03	0.285	0.58	350	5E-07	8E-04
Ethylbenzene	150	0.03	4.5	4.9	4400	9E-07	1E-03
Heptane	12	0.03	0.36	na	1800	na	2E-04
Isopropylbenzene	20	0.03	0.6	na	1800	na	3E-04
m,p-Xylenes	710	0.03	21.3	na	440	na	5E-02
n-Hexane	11	0.03	0.33	na	3100	na	1E-04
n-Propylbenzene	87	0.03	2.61	na	4400	na	6E-04
o-Xylene	200	0.03	6	na	440	na	1E-02
Propylene	30	0.03	0.9	na	13000	na	7E-05
sec-Butylbenzene	8.1	0.03	0.243	na	1800	na	1E-04
Styrene	19	0.03	0.57	na	3900	na	1E-04
Tetrachloroethene	1500	0.03	45	2	180	2E-05	3E-01
Toluene	350	0.03	10.5	na	1300	na	8E-03
Trichloroethene	35	0.03	1.05	3	8.8	4E-07	1E-01
					PW12-SV-3	3E-05	6E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW13-SV-4

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	12	0.03	0.36	na	4400	na	8E-05
1,2,4-Trimethylbenzene	500	0.03	15	na	260	na	6E-02
1,3,5-Trimethylbenzene	180	0.03	5.4	na	260	na	2E-02
2,2,4-Trimethylpentane	3.9	0.03	0.117	na	na	na	na
4-Ethyltoluene	94	0.03	2.82	na	na	na	na
4-Isopropyltoluene	53	0.03	1.59	na	na	na	na
Acetone	43	0.03	1.29	na	140000	na	9E-06
Benzene	8	0.03	0.24	0.42	13	6E-07	2E-02
Benzyl chloride	9.8	0.03	0.294	0.25	4.4	1E-06	7E-02
Chloroform (Trichloromethane)	26	0.03	0.78	0.53	430	1E-06	2E-03
cis-1,2-Dichloroethene	3.8	0.03	0.114	na	35	na	3E-03
Dichlorodifluoromethane (R12)	17	0.03	0.51	na	440	na	1E-03
Ethylbenzene	81	0.03	2.43	4.9	4400	5E-07	6E-04
Heptane	4.2	0.03	0.126	na	1800	na	7E-05
Isopropylbenzene	11	0.03	0.33	na	1800	na	2E-04
m,p-Xylenes	400	0.03	12	na	440	na	3E-02
n-Hexane	3.6	0.03	0.108	na	3100	na	3E-05
n-Propylbenzene	59	0.03	1.77	na	4400	na	4E-04
o-Xylene	140	0.03	4.2	na	440	na	1E-02
Tetrachloroethene	4.7	0.03	0.141	2	180	7E-08	8E-04
Toluene	98	0.03	2.94	na	1300	na	2E-03
Trichloroethene	91	0.03	2.73	3	8.8	9E-07	3E-01
Trichlorofluoromethane (CFC-11)	94	0.03	2.82	na	5300	na	5E-04
					PW13-SV-4	5E-06	5E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW14-SV-4

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
cis-1,2-Dichloroethene	4300	0.03	129	na	35	na	4E+00
Trichloroethene	64000	0.03	1920	3	8.8	6E-04	2E+02
					PW14-SV-4	6E-04	2E+02

Sample ID: PW14-SV-4DUP

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
cis-1,2-Dichloroethene	4400	0.03	132	na	35	na	4E+00
Trichloroethene	64000	0.03	1920	3	8.8	6E-04	2E+02
					PW14-SV-4DUP	6E-04	2E+02

Sample ID: PW15-SV-4.5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	1100	0.03	33	na	4400	na	8E-03
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	740	0.03	22.2	na	22000	na	1E-03
Trichloroethene	13000	0.03	390	3	8.8	1E-04	4E+01
					PW15-SV-4.5	1E-04	4E+01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW16-SV-5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	35	0.03	1.05	na	4400	na	2E-04
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	72	0.03	2.16	na	22000	na	1E-04
1,2,4-Trimethylbenzene	490	0.03	14.7	na	260	na	6E-02
1,3,5-Trimethylbenzene	180	0.03	5.4	na	260	na	2E-02
4-Ethyltoluene	55	0.03	1.65	na	na	na	na
4-Isopropyltoluene	27	0.03	0.81	na	na	na	na
Benzene	7.6	0.03	0.228	0.42	13	5E-07	2E-02
Chloroform (Trichloromethane)	5.8	0.03	0.174	0.53	430	3E-07	4E-04
Ethylbenzene	61	0.03	1.83	4.9	4400	4E-07	4E-04
Isopropylbenzene	7.7	0.03	0.231	na	1800	na	1E-04
m,p-Xylenes	310	0.03	9.3	na	440	na	2E-02
Naphthalene	6.3	0.03	0.189	0.36	13	5E-07	1E-02
n-Propylbenzene	36	0.03	1.08	na	4400	na	2E-04
o-Xylene	99	0.03	2.97	na	440	na	7E-03
sec-Butylbenzene	4.5	0.03	0.135	na	1800	na	8E-05
Styrene	10	0.03	0.3	na	3900	na	8E-05
Tetrachloroethene	16	0.03	0.48	2	180	2E-07	3E-03
Toluene	120	0.03	3.6	na	1300	na	3E-03
Trichloroethene	25	0.03	0.75	3	8.8	3E-07	9E-02
Trichlorofluoromethane (CFC-11)	6.7	0.03	0.201	na	5300	na	4E-05
					PW16-SV-5	2E-06	2E-01

Sample ID: DGA-003-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	160	0.03	4.8	na	22000	na	2E-04
Benzene	20	0.03	0.6	0.42	13	1E-06	5E-02
Trichloroethene	260	0.03	7.8	3	8.8	3E-06	9E-01
					DGA-003-2-SG	4E-06	9E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-004-1-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	2000	0.03	60	na	4400	na	1E-02
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	1600	0.03	48	na	22000	na	2E-03
1,1-Dichloroethane	430	0.03	12.9	7.7	3500	2E-06	4E-03
Benzene	24	0.03	0.72	0.42	13	2E-06	6E-02
Chloroform (Trichloromethane)	80	0.03	2.4	0.53	430	5E-06	6E-03
cis-1,2-Dichloroethene	5800	0.03	174	na	35	na	5E+00
Tetrachloroethene	100	0.03	3	2	180	2E-06	2E-02
trans-1,2-Dichloroethene	340	0.03	10.2	na	350	na	3E-02
Trichloroethene	18000	0.03	540	3	8.8	2E-04	6E+01
					DGA-004-1-SG	2E-04	7E+01

Sample ID: DGA-007-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	3300	0.03	99	na	4400	na	2E-02
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	2600	0.03	78	na	22000	na	4E-03
1,1-Dichloroethene	150	0.03	4.5	na	310	na	1E-02
Benzene	36	0.03	1.08	0.42	13	3E-06	8E-02
Chloroform (Trichloromethane)	120	0.03	3.6	0.53	430	7E-06	8E-03
Tetrachloroethene	20	0.03	0.6	2	180	3E-07	3E-03
Trichloroethene	5600	0.03	168	3	8.8	6E-05	2E+01
					DGA-007-2-SG	7E-05	2E+01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-008-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1-Difluoroethane	110	0.03	3.3	na	180000	na	2E-05
Trichloroethene	1300	0.03	39	3	8.8	1E-05	4E+00
					DGA-008-2-SG	1E-05	4E+00

Sample ID: DGA-009-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1-Dichloroethane	120	0.03	3.6	7.7	3500	5E-07	1E-03
Benzene	34	0.03	1.02	0.42	13	2E-06	8E-02
cis-1,2-Dichloroethene	17000	0.03	510	na	35	na	1E+01
Tetrachloroethene	66	0.03	1.98	2	180	1E-06	1E-02
trans-1,2-Dichloroethene	470	0.03	14.1	na	350	na	4E-02
Trichloroethene	2300	0.03	69	3	8.8	2E-05	8E+00
Vinyl chloride	36	0.03	1.08	0.16	440	7E-06	2E-03
					DGA-009-2-SG	3E-05	2E+01

Sample ID: DGA-011-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	35	0.03	1.05	2	180	5E-07	6E-03
Trichloroethene	860	0.03	25.8	3	8.8	9E-06	3E+00
					DGA-011-2-SG	9E-06	3E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-013-1-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	180	0.03	5.4	2	180	3E-06	3E-02
Trichloroethene	54	0.03	1.62	3	8.8	5E-07	2E-01
					DGA-013-1-SG	3E-06	2E-01

Sample ID: DGA-014-2.5-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	260	0.03	7.8	2	180	4E-06	4E-02
					DGA-014-2.5-SG	4E-06	4E-02

Sample ID: DGA-015-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
No Detections							
					DGA-015-2-SG	0E+00	0E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-016-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Benzene	56	0.03	1.68	0.42	13	4E-06	1E-01
Chloroform (Trichloromethane)	61	0.03	1.83	0.53	430	3E-06	4E-03
Toluene	200	0.03	6	na	1300	na	5E-03
Trichloroethene	4900	0.03	147	3	8.8	5E-05	2E+01
					DGA-016-2-SG	6E-05	2E+01

Sample ID: DGA-017-1-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	150	0.03	4.5	na	4400	na	1E-03
Chloroform (Trichloromethane)	140	0.03	4.2	0.53	430	8E-06	1E-02
Trichloroethene	2700	0.03	81	3	8.8	3E-05	9E+00
					DGA-017-1-SG	3E-05	9E+00

Sample ID: DGA-019-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Benzene	26	0.03	0.78	0.42	13	2E-06	6E-02
Chloroform (Trichloromethane)	30	0.03	0.9	0.53	430	2E-06	2E-03
Trichloroethene	2600	0.03	78	3	8.8	3E-05	9E+00
					DGA-019-2-SG	3E-05	9E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR MAXIMUM CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-021-1-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	560	0.03	16.8	2	180	8E-06	9E-02
Trichloroethene	770	0.03	23.1	3	8.8	8E-06	3E+00
					DGA-021-1-SG	2E-05	3E+00

Sample ID: DGA-022-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Benzene	30	0.03	0.9	0.42	13	2E-06	7E-02
Chloroform (Trichloromethane)	190	0.03	5.7	0.53	430	1E-05	1E-02
Tetrachloroethene	98	0.03	2.94	2	180	1E-06	2E-02
Trichloroethene	860	0.03	25.8	3	8.8	9E-06	3E+00
					DGA-022-2-SG	2E-05	3E+00

APPENDIX D

Risk Calculations – Exposure Area-Specific HHRA

Building 99/100 Exposure Area

Construction Worker

Appendix D, Table 1
Cancer Risk Calculations - Single Age
Maximum Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

Exposure Routes Evaluated		ELCR (Total)
Incidental Ingestion	Yes	5E-08
Dermal Contact	Yes	4E-08
Particulate Inhalation	Yes	1E-08
Ambient Vapor Inhalation	Yes	0E+00
		1E-07

NC - not carcinogenic by this exposure route
NTV - no toxicity value available
NV - not volatile
DAD - dermally absorbed dose
EC - exposure concentration
ABS - absorption factor
CSF - cancer slope factor
UR - cancer unit risk
ELCR - excess lifetime cancer risk
EPC - exposure point concentration
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake Calculations				Absorption Factors		Cancer Toxicity Values			ELCR				
			$Intake_{ingestion}$ (mg/kg/day)	DAD_{dermal} (mg/kg/day)	$EC_{particulate}$ (ug/m^3)	EC_{vapor} (ug/m^3)	ABS_{ing} (unitless)	ABS_{d} (unitless)	CSF_{oral} $(mg/kg/day)^{-1}$	CSF_{dermal} $(mg/kg/day)^{-1}$	IUR $(ug/m^3)^{-1}$	$ELCR_{ingestion}$	$ELCR_{dermal}$	$ELCR_{particulate}$	$ELCR_{vapor}$	$ELCR_{total}$
Barium	7440-39-3	3.9E+02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Beryllium	7440-41-7	1.4E+00	NC	NC	4.5E-06	NV	NC	NC	NC	NC	2.4E-03			1E-08	NV	1E-08
Copper	7440-50-8	2.9E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Zinc	7440-66-6	7.8E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Aroclor-1254	11097-69-1	1.2E-01	4.8E-09	6.2E-09	3.9E-07	NV	1	0.15	2.0E+00	2.0E+00	5.7E-04	1E-08	1E-08	2E-10	NV	2E-08
DDD	72-54-8	3.1E-02	1.3E-09	5.3E-10	1.0E-07	NV	1	0.05	2.4E-01	2.4E-01	6.9E-05	3E-10	1E-10	7E-12	NV	4E-10
DDE	72-55-9	1.0E+00	4.0E-08	1.7E-08	3.3E-06	NV	1	0.05	3.4E-01	3.4E-01	9.7E-05	1E-08	6E-09	3E-10	NV	2E-08
DDT	50-29-3	2.3E-01	9.3E-09	4.0E-09	7.5E-07	NV	1	0.05	3.4E-01	3.4E-01	9.7E-05	3E-09	1E-09	7E-11	NV	5E-09
Chlordane	12789-03-6	3.3E-02	1.3E-09	5.7E-10	1.1E-07	NV	1	0.05	3.5E-01	3.5E-01	1.0E-04	5E-10	2E-10	1E-11	NV	7E-10
Heptachlor Epoxide	1024-57-3	2.2E-02	8.9E-10	3.8E-10	7.2E-08	NV	1	0.05	9.1E+00	9.1E+00	2.6E-03	8E-09	3E-09	2E-10	NV	1E-08
Acenaphthene	83-32-9	6.1E-03	NC	NC	NC	NV	NC	NC	NC	0.0E+00	NC				NV	
Acenaphthylene	208-96-8	1.1E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Anthracene	120-12-7	8.2E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benz[a]anthracene	56-55-3	9.2E-03	3.7E-10	4.8E-10	3.0E-08	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	4E-11	5E-11	3E-12	NV	9E-11
Benzo[a]pyrene	50-32-8	1.9E-02	7.7E-10	9.8E-10	6.2E-08	NV	1	0.15	1.0E+00	1.0E+00	1.1E-03	8E-10	1E-09	7E-11	NV	2E-09
Benzo[b]fluoranthene	205-99-2	2.1E-02	8.5E-10	1.1E-09	6.8E-08	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	8E-11	1E-10	8E-12	NV	2E-10
Benzo(g,h,i)perylene	191-24-2	2.8E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benzo[k]fluoranthene	207-08-9	4.7E-02	1.9E-09	2.4E-09	1.5E-07	NV	1	0.15	1.0E-02	1.0E-02	1.1E-04	2E-11	2E-11	2E-11	NV	6E-11
Chrysene	218-01-9	2.0E-02	8.1E-10	1.0E-09	6.5E-08	NV	1	0.15	1.0E-03	1.0E-03	1.1E-05	8E-13	1E-12	7E-13	NV	3E-12
Dibenz[a,h]anthracene	53-70-3	6.0E-02	2.4E-09	3.1E-09	2.0E-07	NV	1	0.15	4.1E+00	4.1E+00	1.2E-03	1E-08	1E-08	2E-10	NV	2E-08
Fluoranthene	206-44-0	5.4E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Fluorene	86-73-7	3.8E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-01	4.4E-09	5.7E-09	3.6E-07	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	4E-10	6E-10	4E-11	NV	1E-09
Phenanthrene	85-01-8	2.3E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Pyrene	129-00-0	5.8E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.2E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Acetone	67-64-1	7.6E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Cymene (p-Isopropyltoluene)	99-87-6	2.9E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
m,p-Xylenes	179601-23-1	7.6E-04	NC	NC	NC	NC	NC	NC	NC	NC	NC					

Appendix D, Table 2
Non-Cancer Risk Calculations
Maximum Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

Exposure Routes Evaluated		HI (Total)
Incidental Ingestion	Yes	6E-02
Dermal Contact	Yes	3E-02
Particulate Inhalation	Yes	2E-01
Ambient Vapor Inhalation	Yes	5E-06
		0.3

NV - not volatile
V - volatile
NTV - no toxicity value available

EC - exposure concentration
DAD - dermally absorbed dose
ABS - absorption factor

RfD - reference dose
RfC - reference concentration

HI - hazard index
HQ - hazard quotient

EPC - exposure point concentration (if blank, then COPC was not detected)
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake Calculations				Absorption Factors		Non-Cancer Toxicity Values			HQ				
			$Intake_{ingestion}$ (mg/kg/day)	DAD_{dermal} (mg/kg/day)	$EC_{particulate}$ (mg/m^3)	EC_{vapor} (mg/m^3)	ABS_{ing} (unitless)	ABS_{d} (unitless)	RfD_{oral} (mg/kg/day)	RfD_{dermal} (mg/kg/day)	RfC (mg/m^3)	$HQ_{ingestion}$	HQ_{dermal}	$HQ_{particulate}$	HQ_{vapor}	HQ_{total}
Barium	7440-39-3	3.9E+02	1.1E-03		9.0E-05	NV	1		2.0E-01	1.4E-02	5.0E-04	5.6E-03		1.8E-01	NV	2E-01
Beryllium	7440-41-7	1.4E+00	3.9E-06		3.2E-07	NV	1		2.0E-04	1.4E-06	7.0E-06	1.9E-02		4.5E-02	NV	6E-02
Copper	7440-50-8	2.9E+01	8.1E-05		6.6E-06	NV	1		4.0E-02	4.0E-02		2.0E-03		NTV	NV	2E-03
Zinc	7440-66-6	7.8E+01	2.2E-04		1.8E-05	NV	1		3.0E-01	3.0E-01		7.4E-04		NTV	NV	7E-04
Aroclor-1254	11097-69-1	1.2E-01	3.4E-07	4.3E-07	2.7E-08	NV	1	0.15	2.0E-05	2.0E-05	8.0E-05	1.7E-02	2.2E-02	3.4E-04	NV	4E-02
DDD	72-54-8	3.1E-02	8.8E-08	3.7E-08	7.1E-09	NV	1	0.05	3.0E-05	3.0E-05		2.9E-03	1.2E-03	NTV	NV	4E-03
DDE	72-55-9	1.0E+00	2.8E-06	1.2E-06	2.3E-07	NV	1	0.05	3.0E-04	3.0E-04	1.2E-03	9.4E-03	4.0E-03	1.9E-04	NV	1E-02
DDT	50-29-3	2.3E-01	6.5E-07	2.8E-07	5.3E-08	NV	1	0.05	5.0E-04	5.0E-04		1.3E-03	5.6E-04	NTV	NV	2E-03
Chlordane	12789-03-6	3.3E-02	9.3E-08	4.0E-08	7.5E-09	NV	1	0.05	5.0E-04	5.0E-04	7.0E-04	1.9E-04	8.0E-05	1.1E-05	NV	3E-04
Heptachlor Epoxide	1024-57-3	2.2E-02	6.2E-08	2.7E-08	5.0E-09	NV	1	0.05	1.3E-05	1.3E-05	5.2E-05	4.8E-03	2.0E-03	9.7E-05	NV	7E-03
Acenaphthene	83-32-9	6.1E-03	1.7E-08	2.2E-08	1.4E-09	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	2.9E-07	3.7E-07	5.8E-09	NV	7E-07
Acenaphthylene	208-96-8	1.1E-02	3.1E-08	4.0E-08	2.5E-09	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	5.2E-07	6.6E-07	1.0E-08	NV	1E-06
Anthracene	120-12-7	8.2E-03	2.3E-08	3.0E-08	1.9E-09	NV	1	0.15	3.0E-01	3.0E-01	1.2E+00	7.7E-08	9.9E-08	1.6E-09	NV	2E-07
Benz[a]anthracene	56-55-3	9.2E-03	2.6E-08	3.3E-08	2.1E-09	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo[a]pyrene	50-32-8	1.9E-02	5.4E-08	6.9E-08	4.3E-09	NV	1	0.15	3.0E-04	3.0E-04	2.0E-06	1.8E-04	2.3E-04	2.2E-03	NV	3E-03
Benzo[b]fluoranthene	205-99-2	2.1E-02	5.9E-08	7.6E-08	4.8E-09	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo(g,h,i)perylene	191-24-2	2.8E-02	7.9E-08	1.0E-07	6.4E-09	NV	1	0.15	3.0E-02	3.0E-02		2.6E-06	3.4E-06	NTV	NV	6E-06
Benzo[k]fluoranthene	207-08-9	4.7E-02	1.3E-07	1.7E-07	1.1E-08	NV	1	0.15				NTV	NTV	NTV	NV	
Chrysene	218-01-9	2.0E-02	5.7E-08	6.3E-08	4.6E-09	NV	1	0.13				NTV	NTV	NTV	NV	
Dibenz[a,h]anthracene	53-70-3	6.0E-02	1.7E-07	2.2E-07	1.4E-08	NV	1	0.15				NTV	NTV	NTV	NV	
Fluoranthene	206-44-0	5.4E-02	1.5E-07	2.0E-07	1.2E-08	NV	1	0.15	4.0E-02	4.0E-02		3.8E-06	4.9E-06	NTV	NV	9E-06
Fluorene	86-73-7	3.8E-03	1.1E-08	1.4E-08	8.7E-10	NV	1	0.15	4.0E-02	4.0E-02	1.6E-01	2.7E-07	3.4E-07	5.4E-09	NV	6E-07
Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-01	3.1E-07	4.0E-07	2.5E-08	NV	1	0.15				NTV	NTV	NTV	NV	
Phenanthrene	85-01-8	2.3E-02	6.5E-08	8.3E-08	5.3E-09	NV	1	0.15	3.0E-02	3.0E-02		2.2E-06	2.8E-06	NTV	NV	5E-06
Pyrene	129-00-0	5.8E-02	1.6E-07	2.1E-07	1.3E-08	NV	1	0.15	3.0E-02	3.0E-02	1.2E-01	5.5E-06	7.0E-06	1.1E-07	NV	1E-05
Methyl Ethyl Ketone (2-Butanon	78-93-3	2.2E-02	6.2E-08		V	6.1E-06	1		6.0E-01	6.0E-01	5.0E+00	1.0E-07		V	1.2E-06	1E-06
Acetone	67-64-1	7.6E-02	2.1E-07		V	2.0E-05	1		9.0E-01	9.0E-01	3.1E+01	2.4E-07		V	6.5E-07	9E-07
Cymene (p-Isopropyltoluene)	99-87-6	2.9E-02	0.0E+00	0.0E+00	V	5.9E-05	0	0				NTV	NTV	V	NTV	
m,p-Xylenes	179601-23-1	7.6E-04	2.1E-09	0.0E+00	V	3.1E-07	1	0	2.0E-01	2.0E-01	1.0E-01	1.1E-08	0.0E+00	V	3.1E-06	3E-06

Appendix D, Table 3
Intake and Risk Equations - Single Age

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

Cancer Risk from Ingestion

$$ELCR = Intake_{ing} * CSF$$

$$Intake_{ing\ (age\ group\ x)} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW_x * AT_{lifetime}}$$

Cancer Risk from Dermal Absorption

$$ELCR = DAD * CSF$$

$$DAD_{derm(age\ group\ x)} = \frac{DA_{Event} * SA * EV * EF * ED}{BW_x * AT_{lifetime}}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Cancer Risk from Inhalation

$$ELCR_{inh} = EC_{can} * IUR$$

$$EC_{can\ (age\ group\ x)} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED}{24 * AT_{lifetime}}$$

Noncancer Risk from Ingestion

$$HQ = \frac{Intake_{ing}}{RfD}$$

$$Intake_{ing} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW * AT}$$

Noncancer Risk from Dermal Absorption

$$HQ = \frac{DAD}{RfD}$$

$$DAD_{derm} = \frac{DA_{Event} * SA * EV * EF * ED}{BW * AT}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Noncancer Risk from Inhalation

$$HQ = \frac{EC_{nc}}{RfC}$$

$$EC_{nc} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED * C2 \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED * C2}{24 * AT}$$

Parameter	Value - Cancer	Value - Non-Cancer	Units
CSF	Chemical specific	--	$(mg/kg\text{-}day)^{-1}$
IUR	Chemical specific	--	$(ug/m^3)^{-1}$
Intake	Age/chemical specific	--	mg/kg-day
EC_{can}	Age/chemical specific	--	(ug/m^3)
ELCR	Age/chemical specific	--	unitless
RfD	--	Chemical specific	mg/kg-day
RfC	--	Chemical specific	(mg/m^3)
DAD	Age/chemical specific	Age/chemical specific	mg/kg-day
DA_{Event}	Age/chemical specific	Age/chemical specific	mg/cm^2-event
EC_{nc}	--	Age/chemical specific	mg/m^3
HQ	--	Age/chemical specific	unitless
$[EPC]_{soil}$	Chemical specific	Chemical specific	mg/kg
$[EPC]_{PART}$	Appendix D, TABLE 4	Appendix D, TABLE 4	ug/m^3
$[EPC]_{VAPOR}$	Appendix D, TABLE A-5	Appendix D, TABLE A-5	ug/m^3
ABS_{ing}	Chemical specific	Chemical specific	unitless
ABS_d	Chemical specific	Chemical specific	unitless
BW	80	80	kg
EF	250	250	day/year
ED	1	1	year
AT	--	365	day
ATlifetime	25550	--	day
IR	330	330	mg/day
FI	1	1	unitless
C1	0.000001	0.000001	kg/mg
SA	3527	3527	cm2
AF	0.8	0.8	mg/cm2
EV	1	1	event/day
ETPart	8	8	hours/day
C2	0.001	0.001	mg/ug
ETVap	8	8	hours/day
0	0.00E+00	0.00E+00	0

Appendix D, Table 4
Exposure Factors

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

PLACE "X" IN THE APPROPRIATE YELLOW SHADED CELLS FOR THE APPROPRIATE RECEPTOR AND BASIS FOR CALCULATIONS

SCENARIO USED TO CALCULATE RISKS			**X**	**FUTURE ON-SITE CONSTRUCTION WORKER**
BASIS FOR CANCER CALCULATIONS			**X**	
BASIS FOR NON-CANCER CALCULATIONS			**X**	
RECEPTOR			**CONSTRUCTION WORKER (ADULT)**	
Standard Parameters				
Body Weight	BW	kg	80	DTSC, 2019
Exposure Frequency	EF	day/year	250	Site Specific
Exposure Duration	ED	year	1	DTSC, 2019
Non–carcinogenic Averaging Time	AT	day	365	Exposure duration expressed in days
Carcinogenic Averaging Time	$AT_{lifetime}$	day	25550	70 year lifetime
Incidental Ingestion of Soil				
Soil Ingestion Rate	IR	mg/day	330	DTSC, 2019
Fraction Ingested	FI	unitless	1.0	Assumption
Age-Adjusted Soil Ingestion Rate	IFSadj	mg-yr/kg-day	NA	
Dermal Exposure with Soil				
Exposed Skin Surface Area	SA	cm^2	3527	EPA, 2014
Soil Adherence Factor	AF	mg/cm^2	0.8	DTSC, 2019
Fraction Dermal	EV	event/day	1.0	Assumption
Age-Adjusted Dermal Contact Factor	DFSadj	mg-yr/kg-day	NA	
Particulate Inhalation				
Exposure Time	ET_{Part}	hours/day	8	Assumption
Vapor Inhalation				
Exposure Time	ET_{Vap}	hours/day	8	Assumption

Appendix D, Table 5
Particulate to Outdoor Air EPC Calculations
Maximum Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

EQUATIONS:

$$EPC_{[PARTICULATE]} = EPC_{[SOIL]} \times PARTICULATE_{[AIR]} \times 1E\text{-}06 \text{ [kg/mg]}$$

where:

$PARTICULATE_{[AIR]}$ = (1/PEF * 1E+09 ug/kg) or Measured/Modelled

and:

$$PEF\ (m^3/kg) = Q/C \times [(3600\ s/hr) / ((0.036 \times (1-V) \times (U_m/U_t)^3 \times F(x))]$$

PARAMETER/DEFINITION	UNITS	DEFAULT	Source
$PARTICULATE_{[Air]}$ / Particulate concentration in air	ug/m^3	1000.00	Calculated or measured
Measured or modeled $PARTICULATE_{[AIR]}$	ug/m^3		Measured value
PEF / Particulate emission factor	m^3/kg		Guidance value
PEF / Particulate emission factor	m^3/kg	1.00E+06	Calculated here
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	9.37	Calculated / USEPA, 2014 [a]
V / Fraction of vegetative cover	unitless	0.5	Site-specific, estimated
U_m / mean annual windspeed	m/s	4.69	Site-specific / USEPA, 2014
U_t / equivalent threshold value of wind speed at 7 m	m/s	11.32	USEPA, 2014
F(x) / function dependant on U_m/U_t derived using Cowherd et al. (1985)	unitless	1.94E-01	Calculated / USEPA, 2014

USEPA, 2014. Regional Screening Levels.

[a] Climactic zone: Los Angeles, CA [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	EPC Soil (mg/kg)	EPC Particulate (ug/m^3)
7440-39-3	Barium	394	3.9E-01
7440-41-7	Beryllium	1.38	1.4E-03
7440-50-8	Copper	28.8	2.9E-02
7440-66-6	Zinc	78.3	7.8E-02
11097-69-1	Aroclor-1254	0.12	1.2E-04
72-54-8	DDD	0.031	3.1E-05
72-55-9	DDE	1	1.0E-03
50-29-3	DDT	0.23	2.3E-04
12789-03-6	Chlordane	0.033	3.3E-05
1024-57-3	Heptachlor Epoxide	0.022	2.2E-05
83-32-9	Acenaphthene	0.0061	6.1E-06
208-96-8	Acenaphthylene	0.011	1.1E-05
120-12-7	Anthracene	0.0082	8.2E-06
56-55-3	Benz[a]anthracene	0.0092	9.2E-06
50-32-8	Benzo[a]pyrene	0.019	1.9E-05
205-99-2	Benzo[b]fluoranthene	0.021	2.1E-05
191-24-2	Benzo(g,h,i)perylene	0.028	2.8E-05
207-08-9	Benzo[k]fluoranthene	0.047	4.7E-05
218-01-9	Chrysene	0.02	2.0E-05
53-70-3	Dibenz[a,h]anthracene	0.06	6.0E-05
206-44-0	Fluoranthene	0.054	5.4E-05
86-73-7	Fluorene	0.0038	3.8E-06
193-39-5	Indeno[1,2,3-cd]pyrene	0.11	1.1E-04
85-01-8	Phenanthrene	0.023	2.3E-05
129-00-0	Pyrene	0.058	5.8E-05
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.022	V
67-64-1	Acetone	0.076	V
99-87-6	Cymene (p-Isopropyltoluene)	0.029	V
179601-23-1	m,p-Xylenes	0.00076	V

Appendix D, Table 6
Vapor to Outdoor Air EPC Calculations
Maximum Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

EQUATIONS:

$$EPC_{[VAPOR]} = EPC_{[SOIL]} \times 1/VF \times 1000\ ug/mg$$

where:

$$VF\ (m^3/kg) = Q/C \times (3.14 \times D_A \times T)^{1/2} \times 10^{-4}(m^2/cm^2) / (2 \times P_b \times D_A) \times (1/Fd)$$

and:

$$DA = [(O_a^{10/3} D_i H' + O_w^{10/3} D_w)/n^2] / P_b K_d + O_w + O_a H'$$

ARAMETER/DEFINITION	UNITS	DEFAULT	Source
VF / volatilization factor	m^3/kg	Calculated	
D_A / apparent diffusivity	cm^2/s	Calculated	
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	9.37	USEPA, 2014 [a]
T / exposure interval	s	3.15E+07	FUTURE ON-SITE CONSTRUCTION WORKER
Π_b / dry soil bulk density	g/cm^3	1.66	USEPA, 2014
O_a / air-filled soil porosity	L_{air}/L_{soil}	0.321	USEPA, 2014
n / total soil porosity	L_{pore}/L_{soil}	0.375	USEPA, 2014
O_w / water-filled soil porosity	L_{water}/L_{soil}	0.054	USEPA, 2014
Ψ_s / soil particle density	g/cm^3	2.65	USEPA, 1996
D_i / diffusivity in air	cm^2/s	chemical-specific	
H' / Henry's Law constant	dimensionless	chemical-specific	
D_w / diffusivity in water	cm^2/s	chemical-specific	
K_d / soil-water partition coefficient (Koc x foc) organics	cm^3/g	chemical-specific	
K_{oc} / soil organic carbon partition coefficient	cm^3/g	chemical-specific	
f_{oc} / fraction organic carbon in soil	g/g	0.006	Default
Fd / Disperson correlation factor	Unitless	0.185	Default, USEPA 2002

USEPA, 2014. Regional Screening Levels.

[a] Climactic zone: Los Angeles, CA [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	Volatile (Y/N)	D_i (cm^2/s)	H' (unitless)	D_w (cm^2/s)	K_d (cm^3/g)	K_{oc} (cm^3/g)	D_A (cm^2/s)	VF (m^3/kg)	EPC Soil (mg/kg)	EPC Vapor (ug/m^3)
7440-39-3	Barium	N									NV
7440-41-7	Beryllium	N									NV
7440-50-8	Copper	N									NV
7440-66-6	Zinc	N									NV
11097-69-1	Aroclor-1254	N	4.01E-02	1.16E-02	4.68E-06	7.83E+02	1.31E+05				NV
72-54-8	DDD	N	4.06E-02	2.70E-04	4.74E-06	7.05E+02	1.18E+05				NV
72-55-9	DDE	N	4.08E-02	1.70E-03	4.76E-06	7.05E+02	1.18E+05				NV
50-29-3	DDT	N	3.79E-02	3.40E-04	4.43E-06	1.01E+03	1.69E+05				NV
12789-03-6	Chlordane	N	3.44E-02	1.99E-03	4.02E-06	2.03E+02	3.38E+04				NV
1024-57-3	Heptachlor Epoxide	N	3.56E-02	8.59E-04	4.16E-06	6.07E+01	1.01E+04				NV
83-32-9	Acenaphthene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
208-96-8	Acenaphthylene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
120-12-7	Anthracene	N	3.90E-02	2.27E-03	7.85E-06	9.82E+01	1.64E+04				NV
56-55-3	Benz[a]anthracene	N	5.09E-02	4.91E-04	5.94E-06	1.06E+03	1.77E+05				NV
50-32-8	Benzo[a]pyrene	N	4.76E-02	1.87E-05	5.56E-06	3.52E+03	5.87E+05				NV
205-99-2	Benzo[b]fluoranthene	N	4.76E-02	2.69E-05	5.56E-06	3.60E+03	5.99E+05				NV
191-24-2	Benzo(g,h,i)perylene	N	5.28E-02	9.65E-08	6.17E-06	1.35E+00	2.25E+02				NV
207-08-9	Benzo[k]fluoranthene	N	4.76E-02	2.39E-05	5.56E-06	3.52E+03	5.87E+05				NV
218-01-9	Chrysene	N	2.61E-02	2.14E-04	6.75E-06	1.08E+03	1.81E+05				NV
53-70-3	Dibenz[a,h]anthracene	N	4.46E-02	5.76E-06	5.21E-06	1.15E+04	1.91E+06				NV
206-44-0	Fluoranthene	N	2.76E-02	3.62E-04	7.18E-06	3.33E+02	5.55E+04				NV
86-73-7	Fluorene	N	4.40E-02	3.93E-03	7.89E-06	5.50E+01	9.16E+03				NV
193-39-5	Indeno[1,2,3-cd]pyrene	N	4.48E-02	6.56E-05	5.23E-06	2.08E+04	3.47E+06				NV
85-01-8	Phenanthrene	N	2.08E-02	5.81E-12	5.19E-06	5.56E+01	9.27E+03				NV
129-00-0	Pyrene	N	2.78E-02	4.87E-04	7.25E-06	3.26E+02	5.43E+04				NV
78-93-3	Methyl Ethyl Ketone (2-Butanone)	Y	9.14E-02	2.33E-03	1.02E-05	2.71E-02	4.51E+00	3.4E-04	819	0.022	2.7E-02
67-64-1	Acetone	Y	1.06E-01	1.43E-03	1.15E-05	1.42E-02	2.36E+00	3.1E-04	858	0.076	8.9E-02
99-87-6	Cymene (p-Isopropyltoluene)	Y	0.057249	4.66E-01	6.73e-06	2.02E-02	3.36E+00	1.8E-02	113	0.029	2.6E-01
179601-23-1	m,p-Xylenes	Y	8.47E-02	2.12E-01	9.90E-06	2.30E+00	3.83E+02	7.3E-04	560	0.00076	1.4E-03

Calculation of Q/C During Construction
Building 99/100 Exposure Area

Sources: EPA, 1996. Soil Screening Guidance: Technical Background Document. May.
EPA, 2001. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Peer Review Draft. March.

$Q/C = A \times \exp [(\ln A_{site} - B)^2 / C]$

Where:

Q/C = Inverse of mean concentration at center of source (g/m^2-s per kg/m^2);
A, B, C = Constants based on air dispersion modeling for Los Angeles, CA, from EPA 2001;
A_{site} = Areal extent of site or contamination (acres);

A	B	C	A_{site}	Q/C
2.4538	17.566	189.0426	5.2	9.37

Building 99/100 Exposure Area

Landscaper/Utility Worker

Appendix D, Table 1
Cancer Risk Calculations - Single Age
Maximum Concentrations - Soil
FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER - LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

Exposure Routes Evaluated		ELCR (Total)
Incidental Ingestion	Yes	1E-07
Dermal Contact	Yes	9E-08
Particulate Inhalation	Yes	2E-10
Ambient Vapor Inhalation	Yes	0E+00
		2E-07

NC - not carcinogenic by this exposure route
NTV - no toxicity value available
NV - not volatile
DAD - dermally absorbed dose
EC - exposure concentration
ABS - absorption factor
CSF - cancer slope factor
UR - cancer unit risk
ELCR - excess lifetime cancer risk
EPC - exposure point concentration
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake Calculations				Absorption Factors		Cancer Toxicity Values			ELCR				
			$Intake_{ingestion}$ (mg/kg/day)	DAD_{dermal} (mg/kg/day)	$EC_{particulate}$ (ug/m^3)	EC_{vapor} (ug/m^3)	ABS_{ing} (unitless)	ABS_d (unitless)	CSF_{oral} $(mg/kg/day)^{-1}$	CSF_{dermal} $(mg/kg/day)^{-1}$	IUR $(ug/m^3)^{-1}$	$ELCR_{ingestion}$	$ELCR_{dermal}$	$ELCR_{particulate}$	$ELCR_{vapor}$	$ELCR_{total}$
Barium	7440-39-3	3.9E+02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Beryllium	7440-41-7	1.4E+00	NC	NC	6.8E-08	NV	NC	NC	NC	NC	2.4E-03			2E-10	NV	2E-10
Copper	7440-50-8	2.9E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Zinc	7440-66-6	7.8E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Aroclor-1254	11097-69-1	1.2E-01	1.5E-08	1.6E-08	5.9E-09	NV	1	0.15	2.0E+00	2.0E+00	5.7E-04	3E-08	3E-08	3E-12	NV	6E-08
DDD	72-54-8	3.1E-02	3.8E-09	1.3E-09	1.5E-09	NV	1	0.05	2.4E-01	2.4E-01	6.9E-05	9E-10	3E-10	1E-13	NV	1E-09
DDE	72-55-9	1.0E+00	1.2E-07	4.3E-08	4.9E-08	NV	1	0.05	3.4E-01	3.4E-01	9.7E-05	4E-08	1E-08	5E-12	NV	6E-08
DDT	50-29-3	2.3E-01	2.8E-08	9.9E-09	1.1E-08	NV	1	0.05	3.4E-01	3.4E-01	9.7E-05	1E-08	3E-09	1E-12	NV	1E-08
Chlordane	12789-03-6	3.3E-02	4.0E-09	1.4E-09	1.6E-09	NV	1	0.05	3.5E-01	3.5E-01	1.0E-04	1.4E-09	5.0E-10	1.6E-13	NV	1.9E-09
Heptachlor Epoxide	1024-57-3	2.2E-02	2.7E-09	9.5E-10	1.1E-09	NV	1	0.05	9.1E+00	9.1E+00	2.6E-03	2.4E-08	8.6E-09	2.8E-12	NV	3.3E-08
Acenaphthene	83-32-9	6.1E-03	NC	NC	NC	NV	NC	NC	NC	0.0E+00	NC				NV	
Acenaphthylene	208-96-8	1.1E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Anthracene	120-12-7	8.2E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benz[a]anthracene	56-55-3	9.2E-03	1.1E-09	1.2E-09	4.5E-10	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	1.1E-10	1.2E-10	5.0E-14	NV	2.3E-10
Benzo[a]pyrene	50-32-8	1.9E-02	2.3E-09	2.5E-09	9.4E-10	NV	1	0.15	1.0E+00	1.0E+00	1.1E-03	2.3E-09	2.5E-09	1.0E-12	NV	4.8E-09
Benzo[b]fluoranthene	205-99-2	2.1E-02	2.6E-09	2.7E-09	1.0E-09	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	2.6E-10	2.7E-10	1.1E-13	NV	5.3E-10
Benzo(g,h,i)perylene	191-24-2	2.8E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benzo[k]fluoranthene	207-08-9	4.7E-02	5.7E-09	6.1E-09	2.3E-09	NV	1	0.15	1.0E-02	1.0E-02	1.1E-04	5.7E-11	6.1E-11	2.5E-13	NV	1.2E-10
Chrysene	218-01-9	2.0E-02	2.4E-09	2.6E-09	9.9E-10	NV	1	0.15	1.0E-03	1.0E-03	1.1E-05	2.4E-12	2.6E-12	1.1E-14	NV	5.0E-12
Dibenz[a,h]anthracene	53-70-3	6.0E-02	7.3E-09	7.8E-09	3.0E-09	NV	1	0.15	4.1E+00	4.1E+00	1.2E-03	3.0E-08	3.2E-08	3.5E-12	NV	6.2E-08
Fluoranthene	206-44-0	5.4E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Fluorene	86-73-7	3.8E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-01	1.3E-08	1.4E-08	5.4E-09	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	1.3E-09	1.4E-09	6.0E-13	NV	2.8E-09
Phenanthrene	85-01-8	2.3E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Pyrene	129-00-0	5.8E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Methyl Ethyl Ketone (2-Butanone)	78-93-3	2.2E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Acetone	67-64-1	7.6E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Cymene (p-Isopropyltoluene)	99-87-6	2.9E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
m,p-Xylenes	179601-23-1	7.6E-04	NC	NC	NC	NC	NC	NC	NC	NC	NC					

Appendix D, Table 2
Non-Cancer Risk Calculations
Maximum Concentrations - Soil
FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER - LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT)

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

Exposure Routes Evaluated		HI (Total)
Incidental Ingestion	Yes	8E-03
Dermal Contact	Yes	3E-02
Particulate Inhalation	Yes	1E-04
Ambient Vapor Inhalation	Yes	4E-07
		0.04

NV - not volatile
V - volatile
NTV - no toxicity value available

EC - exposure concentration
DAD - dermally absorbed dose
ABS - absorption factor

RfD - reference dose
RfC - reference concentration

HI - hazard index
HQ - hazard quotient

EPC - exposure point concentration (if blank, then COPC was not detected)
COPC - chemical of potential concern

COPC	CASRN	EPC	Intake Calculations				Absorption Factors		Non-Cancer Toxicity Values			$HQ_{ingestion}$	HQ_{dermal}	$HQ_{particulate}$	HQ_{vapor}	HQ_{total}
		(mg/kg)	$Intake_{ingestion}$ (mg/kg/day)	DAD_{dermal} (mg/kg/day)	$EC_{particulate}$ (mg/m^3)	EC_{vapor} (mg/m^3)	ABS_{ing} (unitless)	ABS_{d} (unitless)	RfD_{oral} (mg/kg/day)	RfD_{dermal} (mg/kg/day)	RfC (mg/m^3)					
Barium	7440-39-3	3.9E+02	1.3E-04	9.5E-06	5.4E-08	NV	1	0.01	2.0E-01	1.4E-02	5.0E-04	7E-04	7E-04	1E-04	NV	1E-03
Beryllium	7440-41-7	1.4E+00	4.7E-07	3.3E-08	1.9E-10	NV	1	0.01	2.0E-04	1.4E-06	7.0E-06	2E-03	2E-02	3E-05	NV	3E-02
Copper	7440-50-8	2.9E+01	9.9E-06	7.0E-07	4.0E-09	NV	1	0.01	4.0E-02	4.0E-02		2E-04	2E-05	NTV	NV	3E-04
Zinc	7440-66-6	7.8E+01	2.7E-05	1.9E-06	1.1E-08	NV	1	0.01	3.0E-01	3.0E-01		9E-05	6E-06	NTV	NV	1E-04
Aroclor-1254	11097-69-1	1.2E-01	4.1E-08	4.3E-08	1.7E-11	NV	1	0.15	2.0E-05	2.0E-05	8.0E-05	2E-03	2E-03	2E-07	NV	4E-03
DDD	72-54-8	3.1E-02	1.1E-08	3.7E-09	4.3E-12	NV	1	0.05	3.0E-05	3.0E-05		4E-04	1E-04	NTV	NV	5E-04
DDE	72-55-9	1.0E+00	3.4E-07	1.2E-07	1.4E-10	NV	1	0.05	3.0E-04	3.0E-04	1.2E-03	1E-03	4E-04	1E-07	NV	2E-03
DDT	50-29-3	2.3E-01	7.9E-08	2.8E-08	3.2E-11	NV	1	0.05	5.0E-04	5.0E-04		2E-04	6E-05	NTV	NV	2E-04
Chlordane	12789-03-6	3.3E-02	1.1E-08	4.0E-09	4.6E-12	NV	1	0.05	5.0E-04	5.0E-04	7.0E-04	2.3E-05	8.0E-06	6.5E-09	NV	3.1E-05
Heptachlor Epoxide	1024-57-3	2.2E-02	7.5E-09	2.7E-09	3.0E-12	NV	1	0.05	1.3E-05	1.3E-05	5.2E-05	5.8E-04	2.0E-04	5.8E-08	NV	7.8E-04
Acenaphthene	83-32-9	6.1E-03	2.1E-09	2.2E-09	8.4E-13	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	3.5E-08	3.7E-08	3.5E-12	NV	7.2E-08
Acenaphthylene	208-96-8	1.1E-02	3.8E-09	4.0E-09	1.5E-12	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	6.3E-08	6.6E-08	6.3E-12	NV	1.3E-07
Anthracene	120-12-7	8.2E-03	2.8E-09	3.0E-09	1.1E-12	NV	1	0.15	3.0E-01	3.0E-01	1.2E+00	9.4E-09	9.9E-09	9.4E-13	NV	1.9E-08
Benz[a]anthracene	56-55-3	9.2E-03	3.2E-09	3.3E-09	1.3E-12	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo[a]pyrene	50-32-8	1.9E-02	6.5E-09	6.9E-09	2.6E-12	NV	1	0.15	3.0E-04	3.0E-04	2.0E-06	2.2E-05	2.3E-05	1.3E-06	NV	4.6E-05
Benzo[b]fluoranthene	205-99-2	2.1E-02	7.2E-09	7.6E-09	2.9E-12	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo(g,h,i)perylene	191-24-2	2.8E-02	9.6E-09	1.0E-08	3.9E-12	NV	1	0.15	3.0E-02	3.0E-02		3.2E-07	3.4E-07	NTV	NV	6.6E-07
Benzo[k]fluoranthene	207-08-9	4.7E-02	1.6E-08	1.7E-08	6.5E-12	NV	1	0.15				NTV	NTV	NTV	NV	
Chrysene	218-01-9	2.0E-02	6.8E-09	7.2E-09	2.8E-12	NV	1	0.15				NTV	NTV	NTV	NV	
Dibenz[a,h]anthracene	53-70-3	6.0E-02	2.1E-08	2.2E-08	8.3E-12	NV	1	0.15				NTV	NTV	NTV	NV	
Fluoranthene	206-44-0	5.4E-02	1.8E-08	2.0E-08	7.5E-12	NV	1	0.15	4.0E-02	4.0E-02		4.6E-07	4.9E-07	NTV	NV	9.5E-07
Fluorene	86-73-7	3.8E-03	1.3E-09	1.4E-09	5.2E-13	NV	1	0.15	4.0E-02	4.0E-02	1.6E-01	3.3E-08	3.4E-08	3.3E-12	NV	6.7E-08
Indeno[1,2,3-cd]pyrene	193-39-5	1.1E-01	3.8E-08	4.0E-08	1.5E-11	NV	1	0.15				NTV	NTV	NTV	NV	
Phenanthrene	85-01-8	2.3E-02	7.9E-09	8.3E-09	3.2E-12	NV	1	0.15	3.0E-02	3.0E-02		2.6E-07	2.8E-07	NTV	NV	5.4E-07
Pyrene	129-00-0	5.8E-02	2.0E-08	2.1E-08	8.0E-12	NV	1	0.15	3.0E-02	3.0E-02	1.2E-01	6.6E-07	7.0E-07	6.7E-11	NV	1.4E-06
Methyl Ethyl Ketone (2-Butanon	78-93-3	2.2E-02	7.5E-09		V	5.4E-07	1		6.0E-01	6.0E-01	5.0E+00	1.3E-08		V	1.1E-07	1.2E-07
Acetone	67-64-1	7.6E-02	2.6E-08		V	1.8E-06	1		9.0E-01	9.0E-01	3.1E+01	2.9E-08		V	5.8E-08	8.7E-08
Cymene (p-Isopropyltoluene)	99-87-6	2.9E-02	9.9E-09		V	5.2E-06	1					NTV	NTV	V	NTV	
m,p-Xylenes	179601-23-1	7.6E-04	2.6E-10		V	2.7E-08	1		2.0E-01	2.0E-01	1.0E-01	1.3E-09		V	2.7E-07	2.8E-07

Appendix D, Table 3
Intake and Risk Equations - Single Age

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

Cancer Risk from Ingestion

$$ELCR = Intake_{ing} * CSF$$

$$Intake_{ing\ (age\ group\ x)} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW_x * AT_{lifetime}}$$

Cancer Risk from Dermal Absorption

$$ELCR = DAD * CSF$$

$$DAD_{derm(age\ group\ x)} = \frac{DA_{Event} * SA * EV * EF * ED}{BW_x * AT_{lifetime}}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Cancer Risk from Inhalation

$$ELCR_{inh} = EC_{can} * IUR$$

$$EC_{can\ (age\ group\ x)} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED}{24 * AT_{lifetime}}$$

Noncancer Risk from Ingestion

$$HQ = \frac{Intake_{ing}}{RfD}$$

$$Intake_{ing} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW * AT}$$

Noncancer Risk from Dermal Absorption

$$HQ = \frac{DAD}{RfD}$$

$$DAD_{derm} = \frac{DA_{Event} * SA * EV * EF * ED}{BW * AT}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Noncancer Risk from Inhalation

$$HQ = \frac{EC_{nc}}{RfC}$$

$$EC_{nc} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED * C2 \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED * C2}{24 * AT}$$

Parameter	Value - Cancer	Value - Non-Cancer	Units
CSF	Chemical specific	--	$(mg/kg\text{-}day)^{-1}$
IUR	Chemical specific	--	$(ug/m^3)^{-1}$
Intake	Age/chemical specific	--	mg/kg-day
EC_{can}	Age/chemical specific	--	(ug/m^3)
ELCR	Age/chemical specific	--	unitless
RfD	--	Chemical specific	mg/kg-day
RfC	--	Chemical specific	(mg/m^3)
DAD	Age/chemical specific	Age/chemical specific	mg/kg-day
DA_{Event}	Age/chemical specific	Age/chemical specific	mg/cm^2-event
EC_{nc}	--	Age/chemical specific	mg/m^3
HQ	--	Age/chemical specific	unitless
$[EPC]_{soil}$	Chemical specific	Chemical specific	mg/kg
$[EPC]_{PART}$	Appendix D, TABLE 4	Appendix D, TABLE 4	ug/m^3
$[EPC]_{VAPOR}$	Appendix D, TABLE A-5	Appendix D, TABLE A-5	ug/m^3
ABS_{ing}	Chemical specific	Chemical specific	unitless
ABS_d	Chemical specific	Chemical specific	unitless
BW	80	80	kg
EF	100	100	day/year
ED	25	25	year
AT	--	9125	day
ATlifetime	25550	--	day
IR	100	100	mg/day
FI	1	1	unitless
C1	0.000001	0.000001	kg/mg
SA	3527	3527	cm2
AF	0.2	0.2	mg/cm2
EV	1	1	event/day
ETPart	8	8	hours/day
C2	0.001	0.001	mg/ug
ETVap	8	8	hours/day
0	0.00E+00	0.00E+00	0

Appendix D, Table 4
Exposure Factors

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

PLACE "X" IN THE APPROPRIATE YELLOW SHADED CELLS FOR THE APPROPRIATE RECEPTOR AND BASIS FOR CALCULATIONS

SCENARIO USED TO CALCULATE RISKS			**X**	**FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER**
BASIS FOR CANCER CALCULATIONS			**X**	
BASIS FOR NON-CANCER CALCULATIONS			**X**	
RECEPTOR			**LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT)**	
Standard Parameters				
Body Weight	BW	kg	80	DTSC, 2019
Exposure Frequency	EF	day/year	100	Site Specific
Exposure Duration	ED	year	25	DTSC, 2019
Non–carcinogenic Averaging Time	AT	day	9125	Exposure duration expressed in days
Carcinogenic Averaging Time	$AT_{lifetime}$	day	25550	70 year lifetime
Incidental Ingestion of Soil				
Soil Ingestion Rate	IR	mg/day	100	DTSC, 2019
Fraction Ingested	FI	unitless	1.0	Assumption
Age-Adjusted Soil Ingestion Rate	IFSadj	mg-yr/kg-day	NA	
Dermal Exposure with Soil				
Exposed Skin Surface Area	SA	cm^2	3527	EPA, 2014
Soil Adherence Factor	AF	mg/cm^2	0.2	DTSC, 2019
Fraction Dermal	EV	event/day	1.0	Assumption
Age-Adjusted Dermal Contact Factor	DFSadj	mg-yr/kg-day	NA	
Particulate Inhalation				
Exposure Time	ET_{Part}	hours/day	8	Assumption
Vapor Inhalation				
Exposure Time	ET_{Vap}	hours/day	8	Assumption

Appendix D, Table 5
Particulate to Outdoor Air EPC Calculations
Maximum Concentrations - Soil
FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER - LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT)

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

EQUATIONS:

$$EPC_{[PARTICULATE]} = EPC_{[SOIL]} \times PARTICULATE_{[AIR]} \times 1E\text{-}06 \text{ [kg/mg]}$$

where:

$PARTICULATE_{[AIR]}$ = (1/PEF * 1E+09 ug/kg) or Measured/Modelled

and:

$$PEF\ (m^3/kg) = Q/C \times [(3600\ s/hr) / ((0.036 \times (1-V) \times (U_m/U_t)^3 \times F(x))]$$

PARAMETER/DEFINITION	UNITS	DEFAULT	Source
$PARTICULATE_{[Air]}$ / Particulate concentration in air	ug/m^3	1.51	Calculated or measured
Measured or modeled $PARTICULATE_{[AIR]}$	ug/m^3		Measured value
PEF / Particulate emission factor	m^3/kg		Guidance value
PEF / Particulate emission factor	m^3/kg	6.62E+08	Calculated here
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	45.66	Calculated / USEPA, 2014 [a]
V / Fraction of vegetative cover	unitless	0.5	Site-specific, estimated
U_m / mean annual windspeed	m/s	4.69	Site-specific / USEPA, 2014
U_t / equivalent threshold value of wind speed at 7 m	m/s	11.32	USEPA, 2014
F(x) / function dependant on U_m/U_t derived using Cowherd et al. (1985)	unitless	1.94E-01	Calculated / USEPA, 2014

USEPA, 2014. Regional Screening Levels.
[a] Climactic zone: Los Angeles, CA [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	EPC Soil (mg/kg)	EPC Particulate (ug/m^3)
7440-39-3	Barium	394	6.0E-04
7440-41-7	Beryllium	1.38	2.1E-06
7440-50-8	Copper	28.8	4.4E-05
7440-66-6	Zinc	78.3	1.2E-04
11097-69-1	Aroclor-1254	0.12	1.8E-07
72-54-8	DDD	0.031	4.7E-08
72-55-9	DDE	1	1.5E-06
50-29-3	DDT	0.23	3.5E-07
12789-03-6	Chlordane	0.033	5.0E-08
1024-57-3	Heptachlor Epoxide	0.022	3.3E-08
83-32-9	Acenaphthene	0.0061	9.2E-09
208-96-8	Acenaphthylene	0.011	1.7E-08
120-12-7	Anthracene	0.0082	1.2E-08
56-55-3	Benz[a]anthracene	0.0092	1.4E-08
50-32-8	Benzo[a]pyrene	0.019	2.9E-08
205-99-2	Benzo[b]fluoranthene	0.021	3.2E-08
191-24-2	Benzo(g,h,i)perylene	0.028	4.2E-08
207-08-9	Benzo[k]fluoranthene	0.047	7.1E-08
218-01-9	Chrysene	0.02	3.0E-08
53-70-3	Dibenz[a,h]anthracene	0.06	9.1E-08
206-44-0	Fluoranthene	0.054	8.2E-08
86-73-7	Fluorene	0.0038	5.7E-09
193-39-5	Indeno[1,2,3-cd]pyrene	0.11	1.7E-07
85-01-8	Phenanthrene	0.023	3.5E-08
129-00-0	Pyrene	0.058	8.8E-08
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.022	V
67-64-1	Acetone	0.076	V
99-87-6	Cymene (p-Isopropyltoluene)	0.029	V
179601-23-1	m,p-Xylenes	0.00076	V

Appendix D, Table 6
Vapor to Outdoor Air EPC Calculations
Maximum Concentrations - Soil
FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER - LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT

Human Health Risk Assessment
Building 99/100 Exposure Area
Parcel A, North Campus

EQUATIONS:

$EPC_{[VAPOR]} = EPC_{[SOIL]} \times 1/VF \times 1000\ ug/mg$

where:

$VF\ (m^3/kg) = Q/C \times (3.14 \times D_A \times T)^{1/2} \times 10^{-4}(m^2/cm^2) / (2 \times P_b \times D_A)$

and:

$DA = [(O_a^{10/3} D_i H' + O_w^{10/3} D_w)/n^2] / P_b K_d + O_w + O_a H'$

ARAMETER/DEFINITION	UNITS	DEFAULT	Source
VF / volatilization factor	m^3/kg	Calculated	
D_A / apparent diffusivity	cm^2/s	Calculated	
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	45.66	USEPA, 2014 [a]
T / exposure interval	s	7.88E+08	FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER
Π_b / dry soil bulk density	g/cm^3	1.66	USEPA, 2014
O_a / air-filled soil porosity	L_{air}/L_{soil}	0.321	USEPA, 2014
n / total soil porosity	L_{pore}/L_{soil}	0.375	USEPA, 2014
O_w / water-filled soil porosity	L_{water}/L_{soil}	0.054	USEPA, 2014
Ψ_s / soil particle density	g/cm^3	2.65	USEPA, 1996
D_i / diffusivity in air	cm^2/s	chemical-specific	
H' / Henry's Law constant	dimensionless	chemical-specific	
D_w / diffusivity in water	cm^2/s	chemical-specific	
K_d / soil-water partition coefficient (Koc x foc) organics	cm^3/g	chemical-specific	
K_{oc} / soil organic carbon partition coefficient	cm^3/g	chemical-specific	
f_{oc} / fraction organic carbon in soil	g/g	0.006	Default

USEPA, 2014. Regional Screening Levels.

[a] Climactic zone: Los Angeles, CA [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	Volatile (Y/N)	D_i (cm^2/s)	H' (unitless)	D_w (cm^2/s)	K_d (cm^3/g)	K_{oc} (cm^3/g)	D_A (cm^2/s)	VF (m^3/kg)	EPC Soil (mg/kg)	EPC Vapor (ug/m^3)
7440-39-3	Barium	N									NV
7440-41-7	Beryllium	N									NV
7440-50-8	Copper	N									NV
7440-66-6	Zinc	N									NV
11097-69-1	Aroclor-1254	N	4.01E-02	1.16E-02	4.68E-06	7.83E+02	1.31E+05				NV
72-54-8	DDD	N	4.06E-02	2.70E-04	4.74E-06	7.05E+02	1.18E+05				NV
72-55-9	DDE	N	4.08E-02	1.70E-03	4.76E-06	7.05E+02	1.18E+05				NV
50-29-3	DDT	N	3.79E-02	3.40E-04	4.43E-06	1.01E+03	1.69E+05				NV
12789-03-6	Chlordane	N	3.44E-02	1.99E-03	4.02E-06	2.03E+02	3.38E+04				NV
1024-57-3	Heptachlor Epoxide	N	3.56E-02	8.59E-04	4.16E-06	6.07E+01	1.01E+04				NV
83-32-9	Acenaphthene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
208-96-8	Acenaphthylene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
120-12-7	Anthracene	N	3.90E-02	2.27E-03	7.85E-06	9.82E+01	1.64E+04				NV
56-55-3	Benz[a]anthracene	N	5.09E-02	4.91E-04	5.94E-06	1.06E+03	1.77E+05				NV
50-32-8	Benzo[a]pyrene	N	4.76E-02	1.87E-05	5.56E-06	3.52E+03	5.87E+05				NV
205-99-2	Benzo[b]fluoranthene	N	4.76E-02	2.69E-05	5.56E-06	3.60E+03	5.99E+05				NV
191-24-2	Benzo(g,h,i)perylene	N	5.28E-02	9.65E-08	6.17E-06	1.35E+00	2.25E+02				NV
207-08-9	Benzo[k]fluoranthene	N	4.76E-02	2.39E-05	5.56E-06	3.52E+03	5.87E+05				NV
218-01-9	Chrysene	N	2.61E-02	2.14E-04	6.75E-06	1.08E+03	1.81E+05				NV
53-70-3	Dibenz[a,h]anthracene	N	4.46E-02	5.76E-06	5.21E-06	1.15E+04	1.91E+06				NV
206-44-0	Fluoranthene	N	2.76E-02	3.62E-04	7.18E-06	3.33E+02	5.55E+04				NV
86-73-7	Fluorene	N	4.40E-02	3.93E-03	7.89E-06	5.50E+01	9.16E+03				NV
193-39-5	Indeno[1,2,3-cd]pyrene	N	4.48E-02	6.56E-05	5.23E-06	2.08E+04	3.47E+06				NV
85-01-8	Phenanthrene	N	2.08E-02	5.81E-12	5.19E-06	5.56E+01	9.27E+03				NV
129-00-0	Pyrene	N	2.78E-02	4.87E-04	7.25E-06	3.26E+02	5.43E+04				NV
78-93-3	Methyl Ethyl Ketone (2-Butanone)	Y	9.14E-02	2.33E-03	1.02E-05	2.71E-02	4.51E+00	3.4E-04	3691	0.022	6.0E-03
67-64-1	Acetone	Y	1.06E-01	1.43E-03	1.15E-05	1.42E-02	2.36E+00	3.1E-04	3868	0.076	2.0E-02
99-87-6	Cymene (p-Isopropyltoluene)	Y	0.057249	4.66E-01	6.73e-06	2.02E-02	3.36E+00	1.8E-02	508	0.029	5.7E-02
179601-23-1	m,p-Xylenes	Y	8.47E-02	2.12E-01	9.90E-06	2.30E+00	3.83E+02	7.3E-04	2525	0.00076	3.0E-04

Calculation of Respirable Particulate Emission Factor (PEF)
Building 99/100 Exposure Area

Sources: EPA, 1996. Soil Screening Guidance: Technical Background Document. May.
EPA, 2001. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Peer Review Draft. March.

Assumptions: The soil surface has an unlimited erosion potential.
The surface soil is comprised of fine sand.
Highly erodible soils do not retain moisture.
The ground surface is comprised only of soil containing 50 percent vegetative cover.
No portion of the property is paved or contains structures (e.g., surfaces with limited erosion potential.)

$PEF = Q/C \times [3{,}600 \text{ s/hr} / (0.036 \times (1\text{-}V) \times (U_m/U_t)^3 \times F(x))]$

$Q/C = A \times \exp[(\ln A_{site} - B)^2 / C]$

Where:

PEF = Particluate emission factor of annual average PM_{10} impacted fugitive dust emissions (m^3/kg);
PM_{10} = Respirable fraction, particles less than 10 um in diameter;
Q/C = Inverse of mean concentration at center of source (g/m^2-s per kg/m^2);
A, B, C = Constants based on air dispersion modeling for Los Angeles, CA, from EPA, 2001;
A_{site} = Areal extent of site or contamination (acres);
0.036 = Respirable fraction (g/m^2-hr);
V = Fraction of impacted surface with vegetative cover (unitless);
U_m = Mean annual wind speed (m/s), from EPA 1996, 2001;
U_t = Equivalent threshold value of windspeed at 7 m (m/s), from EPA, 1996, 2001;
F(x) = Function dependent on U_m/U_t derived using Cowherd et al. 1985 (unitless), from EPA, 1996, 2001.

A	B	C	A_{site}	Q/C	V	U_m	U_t	F(x)	PEF
11.911	18.439	209.7845	5.2	45.66	0.5	4.69	11.32	0.194	6.62E+08

Building 29 Exposure Area

Landscaper/Utility Worker

Appendix D, Table 1
Cancer Risk Calculations - Single Age
Maximum/95%UCL Concentrations - Soil
FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER - LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT

Human Health Risk Assessment
Building 29 Area
Parcel A, North Campus

Exposure Routes Evaluated		ELCR (Total)
Incidental Ingestion	Yes	1E-05
Dermal Contact	Yes	2E-06
Particulate Inhalation	Yes	2E-09
Ambient Vapor Inhalation	Yes	3E-07
		1E-05

NC - not carcinogenic by this exposure route
NTV - no toxicity value available
NV - not volatile
DAD - dermally absorbed dose
EC - exposure concentration
ABS - absorption factor
CSF - cancer slope factor
UR - cancer unit risk
ELCR - excess lifetime cancer risk
EPC - exposure point concentration
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake Calculations: $Intake_{ingestion}$ (mg/kg/day)	DAD_{dermal} (mg/kg/day)	$EC_{particulate}$ (ug/m^3)	EC_{vapor} (ug/m^3)	Absorption Factors: ABS_{ing} (unitless)	ABS_d (unitless)	Cancer Toxicity Values: CSF_{oral} $(mg/kg/day)^{-1}$	CSF_{dermal} $(mg/kg/day)^{-1}$	IUR $(ug/m^3)^{-1}$	$ELCR_{ingestion}$	$ELCR_{dermal}$	$ELCR_{particulate}$	$ELCR_{vapor}$	$ELCR_{total}$
Arsenic	7440-38-2	8.6E+00	1.0E-06	2.2E-07	4.6E-07	NV	1	0.03	9.5E+00	9.5E+00	4.3E-03	1E-05	2E-06	2E-09	NV	1E-05
Barium	7440-39-3	3.7E+02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Copper	7440-50-8	4.2E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Zinc	7440-66-6	2.6E+02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Aroclor-1254	11097-69-1	8.7E-02	1.1E-08	1.1E-08	4.7E-09	NV	1	0.15	2.0E+00	2.0E+00	5.7E-04	2E-08	2E-08	3E-12	NV	4E-08
DDT	50-29-3	2.1E-02	2.6E-09	9.1E-10	1.1E-09	NV	1	0.05	3.4E-01	3.4E-01	9.7E-05	9E-10	3E-10	1E-13	NV	1E-09
1,1,1-Trichloroethane	71-55-6	5.3E-04	NC	NC	NC	NC	NC	NC	NC	NC	NC					
1,2,3-Trimethylbenzene	526-73-8	7.9E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
1,2,4-Trimethylbenzene	95-63-6	5.2E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
1,3,5-Trimethylbenzene	108-67-8	1.8E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	6.3E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Acetone	67-64-1	2.1E-01	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Benzene	71-43-2	7.3E-04	8.9E-11		V	1.7E-05	1		1.0E-01	1.0E-01	2.9E-05	9E-12		V	5E-10	5E-10
Chloroform	67-66-3	1.9E-02	2.3E-09		V	6.6E-04	1		3.1E-02	3.1E-02	2.3E-05	7E-11		V	2E-08	2E-08
cis-1,2-Dichloroethylene	156-59-2	2.7E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Cymene (p-Isopropyltoluene)	99-87-6	6.6E-04	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Methyl tert-Butyl Ether (MTBE)	1634-04-4	6.8E-04	8.3E-11		V	1.4E-05	1		1.8E-03	1.8E-03	2.6E-07	1E-13		V	4E-12	4E-12
Methylene Chloride	75-09-2	1.0E-02	1.3E-09		V	4.5E-04	1		2.0E-03	2.0E-03	1.0E-06	3E-12		V	5E-10	5E-10
Naphthalene	91-20-3	1.1E-02	1.4E-09	1.5E-09	V	2.0E-05	1	0.15	1.2E-01	1.2E-01	3.4E-05	2E-10	2E-10	V	7E-10	1E-09
Butylbenzene, n-	104-51-8	6.7E-04	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Tetrachloroethylene	127-18-4	1.3E+00	1.5E-07		V	4.6E-02	1		5.4E-01	5.4E-01	6.1E-06	8E-08		V	3E-07	4E-07
trans-1,2-Dichloroethylene	156-60-5	1.8E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Trichloroethylene	79-01-6	3.5E-02	4.3E-09		V	1.4E-03	1		4.6E-02	4.6E-02	4.1E-06	2E-10		V	6E-09	6E-09
Acenaphthene	83-32-9	2.8E-02	NC	NC	NC	NV	NC	NC	NC	0.0E+00	NC				NV	
Acenaphthylene	208-96-8	1.5E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Anthracene	120-12-7	7.5E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benz[a]anthracene	56-55-3	8.0E-03	9.8E-10	1.0E-09	4.3E-10	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	1E-10	1E-10	5E-14	NV	2E-10
Benzo[a]pyrene	50-32-8	4.8E-02	5.9E-09	6.2E-09	2.6E-09	NV	1	0.15	1.0E+00	1.0E+00	1.1E-03	6E-09	6E-09	3E-12	NV	1E-08
Benzo[b]fluoranthene	205-99-2	7.1E-02	8.7E-09	9.2E-09	3.8E-09	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	9E-10	9E-10	4E-13	NV	2E-09
Benzo(g,h,i)perylene	191-24-2	2.6E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benzo[k]fluoranthene	207-08-9	1.1E-01	1.3E-08	1.4E-08	6.0E-09	NV	1	0.15	1.0E-02	1.0E-02	1.1E-04	1E-10	1E-10	7E-13	NV	3E-10
Chrysene	218-01-9	1.6E-02	2.0E-09	2.1E-09	8.7E-10	NV	1	0.15	1.0E-03	1.0E-03	1.1E-05	2E-12	2E-12	1E-14	NV	4E-12
Dibenz[a,h]anthracene	53-70-3	6.3E-01	7.7E-08	8.2E-08	3.4E-08	NV	1	0.15	4.1E+00	4.1E+00	1.2E-03	3E-07	3E-07	4E-11	NV	7E-07
Dimethyl Phthalate	131-11-3	2.5E-01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Fluoranthene	206-44-0	1.2E-01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Fluorene	86-73-7	3.4E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Indeno[1,2,3-cd]pyrene	193-39-5	7.2E-01	8.8E-08	9.3E-08	3.9E-08	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	9E-09	9E-09	4E-12	NV	2E-08
Phenanthrene	85-01-8	4.5E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Pyrene	129-00-0	2.9E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	

Appendix D, Table 2
Non-Cancer Risk Calculations
Maximum/95%UCL Concentrations - Soil
FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER - LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT)

Human Health Risk Assessment
Building 29 Area
Parcel A, North Campus

Exposure Routes Evaluated		HI (Total)
Incidental Ingestion	Yes	8E-01
Dermal Contact	Yes	2E-01
Particulate Inhalation	Yes	2E-04
Ambient Vapor Inhalation	Yes	6E-03
		1

NV - not volatile
V - volatile
NTV - no toxicity value available

EC - exposure concentration
DAD - dermally absorbed dose
ABS - absorption factor

RfD - reference dose
RfC - reference concentration

HI - hazard index
HQ - hazard quotient

EPC - exposure point concentration (if blank, then COPC was not detected)
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake Calculations				Absorption Factors		Non-Cancer Toxicity Values			HQ				
			$Intake_{ingestion}$ (mg/kg/day)	DAD_{dermal} (mg/kg/day)	$EC_{particulate}$ (mg/m^3)	EC_{vapor} (mg/m^3)	ABS_{ing} (unitless)	ABS_{d} (unitless)	RfD_{oral} (mg/kg/day)	RfD_{dermal} (mg/kg/day)	RfC (mg/m^3)	$HQ_{ingestion}$	HQ_{dermal}	$HQ_{particulate}$	HQ_{vapor}	HQ_{total}
Arsenic	7440-38-2	8.6E+00	2.9E-06	6.2E-07	1.3E-09	NV	1	0.03	3.5E-06	3.5E-06	1.5E-05	8.4E-01	1.8E-01	8.7E-05	NV	1E+00
Barium	7440-39-3	3.7E+02	1.3E-04	9.0E-06	5.6E-08	NV	1	0.01	2.0E-01	1.4E-02	5.0E-04	6.4E-04	6.4E-04	1.1E-04	NV	1E-03
Copper	7440-50-8	4.2E+01	1.4E-05	1.0E-06	6.4E-09	NV	1	0.01	4.0E-02	4.0E-02		3.6E-04	2.5E-05	NTV	NV	4E-04
Zinc	7440-66-6	2.6E+02	8.7E-05	6.2E-06	3.9E-08	NV	1	0.01	3.0E-01	3.0E-01		2.9E-04	2.1E-05	NTV	NV	3E-04
Aroclor-1254	11097-69-1	8.7E-02	3.0E-08	3.2E-08	1.3E-11	NV	1	0.15	2.0E-05	2.0E-05	8.0E-05	1.5E-03	1.6E-03	1.6E-07	NV	3E-03
DDT	50-29-3	2.1E-02	7.2E-09	2.5E-09	3.2E-12	NV	1	0.05	5.0E-04	5.0E-04		1.4E-05	5.1E-06	NTV	NV	2E-05
1,1,1-Trichloroethane	71-55-6	5.3E-04	1.8E-10		V	7.8E-08	1		2.0E+00	2.0E+00	1.0E+00	9.0E-11		V	7.8E-08	8E-08
1,2,3-Trimethylbenzene	526-73-8	7.9E-03	2.7E-09		V	1.9E-07	1		1.0E-02	1.0E-02	6.0E-02	2.7E-07		V	3.2E-06	3E-06
1,2,4-Trimethylbenzene	95-63-6	5.2E-03	1.8E-09		V	1.5E-07	1		1.0E-02	1.0E-02	6.0E-02	1.8E-07		V	2.5E-06	3E-06
1,3,5-Trimethylbenzene	108-67-8	1.8E-03	6.3E-10		V	6.4E-08	1		1.0E-02	1.0E-02	6.0E-02	6.3E-08		V	1.1E-06	1E-06
Methyl Ethyl Ketone (2-Butanon	78-93-3	6.3E-02	2.2E-08		V	1.7E-06	1		6.0E-01	6.0E-01	5.0E+00	3.6E-08		V	3.4E-07	4E-07
Acetone	67-64-1	2.1E-01	7.2E-08		V	5.5E-06	1		9.0E-01	9.0E-01	3.1E+01	8.0E-08		V	1.8E-07	3E-07
Benzene	71-43-2	7.3E-04	2.5E-10		V	4.8E-08	1		4.0E-03	4.0E-03	3.0E-03	6.2E-08		V	1.6E-05	2E-05
Chloroform	67-66-3	1.9E-02	6.5E-09		V	1.9E-06	1		1.0E-02	1.0E-02	9.8E-02	6.5E-07		V	1.9E-05	2E-05
cis-1,2-Dichloroethylene	156-59-2	2.7E-02	9.4E-09		V	2.8E-06	1		2.0E-03	2.0E-03	8.0E-03	4.7E-06		V	3.5E-04	4E-04
Cymene (p-Isopropyltoluene)	99-87-6	6.6E-04	2.3E-10		V	1.3E-07	1					NTV	NTV	V	NTV	
Methyl tert-Butyl Ether (MTBE)	1634-04-4	6.8E-04	2.3E-10		V	4.0E-08	1				3.0E+00	NTV	NTV	V	1.3E-08	1E-08
Methylene Chloride	75-09-2	1.0E-02	3.6E-09		V	1.3E-06	1		6.0E-03	6.0E-03	4.0E-01	5.9E-07		V	3.2E-06	4E-06
Naphthalene	91-20-3	1.1E-02	3.9E-09	4.1E-09	V	5.6E-08	1	0.15	2.0E-02	2.0E-02	3.0E-03	1.9E-07	2.0E-07	V	1.9E-05	2E-05
Butylbenzene, n-	104-51-8	6.7E-04	2.3E-10		V	1.9E-08	1		5.0E-02	5.0E-02	2.0E-01	4.6E-09		V	9.4E-08	1E-07
Tetrachloroethylene	127-18-4	1.3E+00	4.3E-07		V	1.3E-04	1		6.0E-03	6.0E-03	4.0E-02	7.2E-05		V	3.2E-03	3E-03
trans-1,2-Dichloroethylene	156-60-5	1.8E-03	6.2E-10		V	1.8E-07	1		2.0E-02	2.0E-02	8.0E-02	3.1E-08		V	2.3E-06	2E-06
Trichloroethylene	79-01-6	3.5E-02	1.2E-08		V	3.9E-06	1		5.0E-04	5.0E-04	2.0E-03	2.4E-05		V	1.9E-03	2E-03
Acenaphthene	83-32-9	2.8E-02	9.6E-09	1.0E-08	4.2E-12	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	1.6E-07	1.7E-07	1.8E-11	NV	3E-07
Acenaphthylene	208-96-8	1.5E-02	5.1E-09	5.4E-09	2.3E-12	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	8.6E-08	9.1E-08	9.5E-12	NV	2E-07
Anthracene	120-12-7	7.5E-03	2.6E-09	2.7E-09	1.1E-12	NV	1	0.15	3.0E-01	3.0E-01	1.2E+00	8.6E-09	9.1E-09	9.5E-13	NV	2E-08
Benz[a]anthracene	56-55-3	8.0E-03	2.7E-09	2.9E-09	1.2E-12	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo[a]pyrene	50-32-8	4.8E-02	1.6E-08	1.7E-08	7.3E-12	NV	1	0.15	3.0E-04	3.0E-04	2.0E-06	5.5E-05	5.8E-05	3.6E-06	NV	1E-04
Benzo[b]fluoranthene	205-99-2	7.1E-02	2.4E-08	2.6E-08	1.1E-11	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo(g,h,i)perylene	191-24-2	2.6E-02	8.9E-09	9.4E-09	3.9E-12	NV	1	0.15	3.0E-02	3.0E-02		3.0E-07	3.1E-07	NTV	NV	6E-07
Benzo[k]fluoranthene	207-08-9	1.1E-01	3.8E-08	4.0E-08	1.7E-11	NV	1	0.15				NTV	NTV	NTV	NV	
Chrysene	218-01-9	1.6E-02	5.5E-09	5.8E-09	2.4E-12	NV	1	0.15				NTV	NTV	NTV	NV	
Dibenz[a,h]anthracene	53-70-3	6.3E-01	2.2E-07	2.3E-07	9.6E-11	NV	1	0.15				NTV	NTV	NTV	NV	
Dimethyl Phthalate	131-11-3	2.5E-01	8.6E-08	6.0E-08	3.8E-11	NV	1	0.1				NTV	NTV	NTV	NV	
Fluoranthene	206-44-0	1.2E-01	4.1E-08	4.3E-08	1.8E-11	NV	1	0.15	4.0E-02	4.0E-02		1.0E-06	1.1E-06	NTV	NV	2E-06
Fluorene	86-73-7	3.4E-03	1.2E-09	1.2E-09	5.2E-13	NV	1	0.15	4.0E-02	4.0E-02	1.6E-01	2.9E-08	3.1E-08	3.2E-12	NV	6E-08
Indeno[1,2,3-cd]pyrene	193-39-5	7.2E-01	2.5E-07	2.6E-07	1.1E-10	NV	1	0.15				NTV	NTV	NTV	NV	
Phenanthrene	85-01-8	4.5E-02	1.5E-08	1.6E-08	6.8E-12	NV	1	0.15	3.0E-02	3.0E-02		5.1E-07	5.4E-07	NTV	NV	1E-06
Pyrene	129-00-0	2.9E-02	9.9E-09	1.1E-08	4.4E-12	NV	1	0.15	3.0E-02	3.0E-02	1.2E-01	3.3E-07	3.5E-07	3.7E-11	NV	7E-07

Appendix D, Table 3
Intake and Risk Equations - Single Age

Human Health Risk Assessment
Building 29 Area
Parcel A, North Campus

Cancer Risk from Ingestion

$$ELCR = Intake_{ing} * CSF$$

$$Intake_{ing\ (age\ group\ x)} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW_x * AT_{lifetime}}$$

Cancer Risk from Dermal Absorption

$$ELCR = DAD * CSF$$

$$DAD_{derm(age\ group\ x)} = \frac{DA_{Event} * SA * EV * EF * ED}{BW_x * AT_{lifetime}}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Cancer Risk from Inhalation

$$ELCR_{inh} = EC_{can} * IUR$$

$$EC_{can\ (age\ group\ x)} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED}{24 * AT_{lifetime}}$$

Noncancer Risk from Ingestion

$$HQ = \frac{Intake_{ing}}{RfD}$$

$$Intake_{ing} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW * AT}$$

Noncancer Risk from Dermal Absorption

$$HQ = \frac{DAD}{RfD}$$

$$DAD_{derm} = \frac{DA_{Event} * SA * EV * EF * ED}{BW * AT}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Noncancer Risk from Inhalation

$$HQ = \frac{EC_{nc}}{RfC}$$

$$EC_{nc} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED * C2 \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED * C2}{24 * AT}$$

Parameter	Value - Cancer	Value - Non-Cancer	Units
CSF	Chemical specific	--	$(mg/kg\text{-}day)^{-1}$
IUR	Chemical specific	--	$(ug/m^3)^{-1}$
Intake	Age/chemical specific	--	mg/kg-day
EC_{can}	Age/chemical specific	--	(ug/m^3)
ELCR	Age/chemical specific	--	unitless
RfD	--	Chemical specific	mg/kg-day
RfC	--	Chemical specific	(mg/m^3)
DAD	Age/chemical specific	Age/chemical specific	mg/kg-day
DA_{Event}	Age/chemical specific	Age/chemical specific	mg/cm^2-event
EC_{nc}	--	Age/chemical specific	mg/m^3
HQ	--	Age/chemical specific	unitless
$[EPC]_{soil}$	Chemical specific	Chemical specific	mg/kg
$[EPC]_{PART}$	Appendix D, TABLE 4	Appendix D, TABLE 4	ug/m^3
$[EPC]_{VAPOR}$	Appendix D, TABLE A-5	Appendix D, TABLE A-5	ug/m^3
ABS_{ing}	Chemical specific	Chemical specific	unitless
ABS_d	Chemical specific	Chemical specific	unitless
BW	80	80	kg
EF	100	100	day/year
ED	25	25	year
AT	--	9125	day
ATlifetime	25550	--	day
IR	100	100	mg/day
FI	1	1	unitless
C1	0.000001	0.000001	kg/mg
SA	3527	3527	cm2
AF	0.2	0.2	mg/cm2
EV	1	1	event/day
ETPart	8	8	hours/day
C2	0.001	0.001	mg/ug
ETVap	8	8	hours/day
0	0.00E+00	0.00E+00	0

Appendix D, Table 4
Exposure Factors

Human Health Risk Assessment
Building 29 Area
Parcel A, North Campus

PLACE "X" IN THE APPROPRIATE YELLOW SHADED CELLS FOR THE APPROPRIATE RECEPTOR AND BASIS FOR CALCULATIONS

SCENARIO USED TO CALCULATE RISKS			**X**	**FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER**	
BASIS FOR CANCER CALCULATIONS			**X**		
BASIS FOR NON-CANCER CALCULATIONS			**X**		
RECEPTOR				**LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT)**	
Standard Parameters					
Body Weight	BW	kg	80	DTSC, 2019	
Exposure Frequency	EF	day/year	100	Site Specific	
Exposure Duration	ED	year	25	DTSC, 2019	
Non–carcinogenic Averaging Time	AT	day	9125	Exposure duration expressed in days	
Carcinogenic Averaging Time	$AT_{lifetime}$	day	25550	70 year lifetime	
Incidental Ingestion of Soil					
Soil Ingestion Rate	IR	mg/day	100	DTSC, 2019	
Fraction Ingested	FI	unitless	1.0	Assumption	
Age-Adjusted Soil Ingestion Rate	IFSadj	mg-yr/kg-day	NA		
Dermal Exposure with Soil					
Exposed Skin Surface Area	SA	cm^2	3527	EPA, 2014	
Soil Adherence Factor	AF	mg/cm^2	0.2	DTSC, 2019	
Fraction Dermal	EV	event/day	1.0	Assumption	
Age-Adjusted Dermal Contact Factor	DFSadj	mg-yr/kg-day	NA		
Particulate Inhalation					
Exposure Time	ET_{Part}	hours/day	8	Assumption	
Vapor Inhalation					
Exposure Time	ET_{Vap}	hours/day	8	Assumption	

Appendix D, Table 5
Particulate to Outdoor Air EPC Calculations
Maximum/95%UCL Concentrations - Soil
FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER - LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT)

Human Health Risk Assessment
Building 29 Area
Parcel A, North Campus

EQUATIONS:

$$EPC_{[PARTICULATE]} = EPC_{[SOIL]} \times PARTICULATE_{[AIR]} \times 1E\text{-}06 \text{ [kg/mg]}$$

where:

$$PARTICULATE_{[AIR]} = (1/PEF * 1E+09 \text{ ug/kg}) \text{ or Measured/Modelled}$$

and:

$$PEF (m^3/kg) = Q/C \times [(3600 \text{ s/hr}) / ((0.036 \times (1-V) \times (U_m/U_t)^3 \times F(x))]$$

PARAMETER/DEFINITION	UNITS	DEFAULT	Source
$PARTICULATE_{[Air]}$ / Particulate concentration in air	ug/m^3	1.66	Calculated or measured
Measured or modeled $PARTICULATE_{[AIR]}$	ug/m^3		Measured value
PEF / Particulate emission factor	m^3/kg		Guidance value
PEF / Particulate emission factor	m^3/kg	6.02E+08	Calculated here
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	41.53	Calculated / USEPA, 2014 [a]
V / Fraction of vegetative cover	unitless	0.5	Site-specific, estimated
U_m / mean annual windspeed	m/s	4.69	Site-specific / USEPA, 2014
U_t / equivalent threshold value of wind speed at 7 m	m/s	11.32	USEPA, 2014
F(x) / function dependant on U_m/U_t derived using Cowherd et al. (1985)	unitless	1.94E-01	Calculated / USEPA, 2014

USEPA, 2014. Regional Screening Levels.
[a] Climactic zone: Phoenix Arizona [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	EPC Soil (mg/kg)	EPC Particulate (ug/m^3)
7440-38-2	Arsenic	8.56	1.4E-05
7440-39-3	Barium	371	6.2E-04
7440-50-8	Copper	42.1	7.0E-05
7440-66-6	Zinc	255	4.2E-04
11097-69-1	Aroclor-1254	0.087	1.4E-07
50-29-3	DDT	0.021	3.5E-08
71-55-6	1,1,1-Trichloroethane	0.000525	V
526-73-8	1,2,3-Trimethylbenzene	0.00788	V
95-63-6	1,2,4-Trimethylbenzene	0.0052	V
108-67-8	1,3,5-Trimethylbenzene	0.00183	V
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0631	V
67-64-1	Acetone	0.21	V
71-43-2	Benzene	0.000725	V
67-66-3	Chloroform	0.019	V
156-59-2	cis-1,2-Dichloroethylene	0.0274	V
99-87-6	Cymene (p-Isopropyltoluene)	0.00066	V
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.000675	V
75-09-2	Methylene Chloride	0.0104	V
91-20-3	Naphthalene	0.0113	V
104-51-8	Butylbenzene, n-	0.00067	V
127-18-4	Tetrachloroethylene	1.26	V
156-60-5	trans-1,2-Dichloroethylene	0.0018	V
79-01-6	Trichloroethylene	0.035	V
83-32-9	Acenaphthene	0.028	4.7E-08
208-96-8	Acenaphthylene	0.015	2.5E-08
120-12-7	Anthracene	0.0075	1.2E-08
56-55-3	Benz[a]anthracene	0.008	1.3E-08
50-32-8	Benzo[a]pyrene	0.048	8.0E-08
205-99-2	Benzo[b]fluoranthene	0.071	1.2E-07
191-24-2	Benzo(g,h,i)perylene	0.026	4.3E-08
207-08-9	Benzo[k]fluoranthene	0.11	1.8E-07
218-01-9	Chrysene	0.016	2.7E-08
53-70-3	Dibenz[a,h]anthracene	0.63	1.0E-06
131-11-3	Dimethyl Phthalate	0.25	4.2E-07
206-44-0	Fluoranthene	0.12	2.0E-07
86-73-7	Fluorene	0.0034	5.6E-09
193-39-5	Indeno[1,2,3-cd]pyrene	0.72	1.2E-06
85-01-8	Phenanthrene	0.045	7.5E-08
129-00-0	Pyrene	0.029	4.8E-08

Appendix D, Table 6
Vapor to Outdoor Air EPC Calculations
Maximum/95%UCL Concentrations - Soil
FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER - LANDSCAPER/UTILITY MAINTENANCE WORKER (ADULT

Human Health Risk Assessment
Building 29 Area
Parcel A, North Campus

EQUATIONS:

$$EPC_{[VAPOR]} = EPC_{[SOIL]} \times 1/VF \times 1000\ ug/mg$$

where:

$$VF\ (m^3/kg) = Q/C \times (3.14 \times D_A \times T)^{1/2} \times 10^{-4}(m^2/cm^2) / (2 \times P_b \times D_A)$$

and:

$$DA = [(O_a^{10/3} D_i H' + O_w^{10/3} D_w)/n^2] / P_b K_d + O_w + O_a H'$$

ARAMETER/DEFINITION	UNITS	DEFAULT	Source
VF / volatilization factor	m^3/kg	Calculated	
D_A / apparent diffusivity	cm^2/s	Calculated	
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	41.53	USEPA, 2014 [a]
T / exposure interval	s	7.88E+08	FUTURE ON-SITE LANDSCAPER/UTILITY MAINTENANCE WORKER
Π_b / dry soil bulk density	g/cm^3	1.66	USEPA, 2014
O_a / air-filled soil porosity	L_{air}/L_{soil}	0.321	USEPA, 2014
n / total soil porosity	L_{pore}/L_{soil}	0.375	USEPA, 2014
O_w / water-filled soil porosity	L_{water}/L_{soil}	0.054	USEPA, 2014
Ψ_s / soil particle density	g/cm^3	2.65	USEPA, 1996
D_i / diffusivity in air	cm^2/s	chemical-specific	
H' / Henry's Law constant	dimensionless	chemical-specific	
D_w / diffusivity in water	cm^2/s	chemical-specific	
K_d / soil-water partition coefficient (Koc x foc) organics	cm^3/g	chemical-specific	
K_{oc} / soil organic carbon partition coefficient	cm^3/g	chemical-specific	
f_{oc} / fraction organic carbon in soil	g/g	0.006	Default

USEPA, 2014. Regional Screening Levels.
[a] Climactic zone: Cleveland, Ohio [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	Volatile (Y/N)	D_i (cm^2/s)	H' (unitless)	D_w (cm^2/s)	K_d (cm^3/g)	K_{oc} (cm^3/g)	D_A (cm^2/s)	VF (m^3/kg)	EPC Soil (mg/kg)	EPC Vapor (ug/m^3)
7440-38-2	Arsenic	N									NV
7440-39-3	Barium	N									NV
7440-50-8	Copper	N									NV
7440-66-6	Zinc	N									NV
11097-69-1	Aroclor-1254	N	4.01E-02	1.16E-02	4.68E-06	7.83E+02	1.31E+05				NV
50-29-3	DDT	N	3.79E-02	3.40E-04	4.43E-06	1.01E+03	1.69E+05				NV
71-55-6	1,1,1-Trichloroethane	Y	6.48E-02	7.03E-01	9.60E-06	2.63E-01	4.39E+01	1.0E-02	615	0.000525	8.5E-04
526-73-8	1,2,3-Trimethylbenzene	Y	6.13E-02	1.78E-01	8.02E-06	3.76E+00	6.27E+02	2.8E-04	3742	0.00788	2.1E-03
95-63-6	1,2,4-Trimethylbenzene	Y	6.07E-02	2.52E-01	7.92E-06	3.69E+00	6.14E+02	3.9E-04	3137	0.0052	1.7E-03
108-67-8	1,3,5-Trimethylbenzene	Y	6.02E-02	3.59E-01	7.84E-06	3.61E+00	6.02E+02	5.6E-04	2621	0.00183	7.0E-04
78-93-3	Methyl Ethyl Ketone (2-Butanone)	Y	9.14E-02	2.33E-03	1.02E-05	2.71E-02	4.51E+00	3.4E-04	3357	0.0631	1.9E-02
67-64-1	Acetone	Y	1.06E-01	1.43E-03	1.15E-05	1.42E-02	2.36E+00	3.1E-04	3518	0.21	6.0E-02
71-43-2	Benzene	Y	8.95E-02	2.27E-01	1.03E-05	8.75E-01	1.46E+02	2.1E-03	1367	0.000725	5.3E-04
67-66-3	Chloroform	Y	7.69E-02	1.50E-01	1.09E-05	1.91E-01	3.18E+01	4.4E-03	935	0.019	2.0E-02
156-59-2	cis-1,2-Dichloroethylene	Y	8.84E-02	1.67E-01	1.13E-05	2.38E-01	3.96E+01	4.7E-03	905	0.0274	3.0E-02
99-87-6	Cymene (p-Isopropyltoluene)	Y	0.057249	4.66E-01	6.73e-06	2.02E-02	3.36E+00	1.8E-02	462	0.00066	1.4E-03
1634-04-4	Methyl tert-Butyl Ether (MTBE)	Y	7.53E-02	2.40E-02	8.59E-06	6.94E-02	1.16E+01	1.6E-03	1535	0.000675	4.4E-04
75-09-2	Methylene Chloride	Y	9.99E-02	1.33E-01	1.25E-05	1.30E-01	2.17E+01	6.8E-03	753	0.0104	1.4E-02
91-20-3	Naphthalene	Y	6.05E-02	1.80E-02	8.38E-06	9.26E+00	1.54E+03	1.1E-05	18471	0.0113	6.1E-04
104-51-8	Butylbenzene, n-	Y	5.28E-02	6.50E-01	7.33E-06	8.89E+00	1.48E+03	3.7E-04	3246	0.00067	2.1E-04
127-18-4	Tetrachloroethylene	Y	5.05E-02	7.24E-01	9.46E-06	5.70E-01	9.49E+01	4.8E-03	901	1.26	1.4E+00
156-60-5	trans-1,2-Dichloroethylene	Y	8.76E-02	1.67E-01	1.12E-05	2.38E-01	3.96E+01	4.7E-03	909	0.0018	2.0E-03
79-01-6	Trichloroethylene	Y	6.87E-02	4.03E-01	1.02E-05	3.64E-01	6.07E+01	5.7E-03	828	0.035	4.2E-02
83-32-9	Acenaphthene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
208-96-8	Acenaphthylene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
120-12-7	Anthracene	N	3.90E-02	2.27E-03	7.85E-06	9.82E+01	1.64E+04				NV
56-55-3	Benz[a]anthracene	N	5.09E-02	4.91E-04	5.94E-06	1.06E+03	1.77E+05				NV
50-32-8	Benzo[a]pyrene	N	4.76E-02	1.87E-05	5.56E-06	3.52E+03	5.87E+05				NV
205-99-2	Benzo[b]fluoranthene	N	4.76E-02	2.69E-05	5.56E-06	3.60E+03	5.99E+05				NV
191-24-2	Benzo(g,h,i)perylene	N	5.28E-02	9.65E-08	6.17E-06	1.35E+00	2.25E+02				NV
207-08-9	Benzo[k]fluoranthene	N	4.76E-02	2.39E-05	5.56E-06	3.52E+03	5.87E+05				NV
218-01-9	Chrysene	N	2.61E-02	2.14E-04	6.75E-06	1.08E+03	1.81E+05				NV
53-70-3	Dibenz[a,h]anthracene	N	4.46E-02	5.76E-06	5.21E-06	1.15E+04	1.91E+06				NV
131-11-3	Dimethyl Phthalate	N	2.61E-02	2.49E-05	6.72E-06	6.29E-01	1.05E+02				NV
206-44-0	Fluoranthene	N	2.76E-02	3.62E-04	7.18E-06	3.33E+02	5.55E+04				NV
86-73-7	Fluorene	N	4.40E-02	3.93E-03	7.89E-06	5.50E+01	9.16E+03				NV
193-39-5	Indeno[1,2,3-cd]pyrene	N	4.48E-02	6.56E-05	5.23E-06	2.08E+04	3.47E+06				NV
85-01-8	Phenanthrene	N	2.08E-02	5.81E-12	5.19E-06	5.56E+01	9.27E+03				NV
129-00-0	Pyrene	N	2.78E-02	4.87E-04	7.25E-06	3.26E+02	5.43E+04				NV

Calculation of Respirable Particulate Emission Factor (PEF)
Building 29 Area

Sources: EPA, 1996. Soil Screening Guidance: Technical Background Document. May.
EPA, 2001. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Peer Review Draft. March.

Assumptions: The soil surface has an unlimited erosion potential.
The surface soil is comprised of fine sand.
Highly erodible soils do not retain moisture.
The ground surface is comprised only of soil containing 50 percent vegetative cover.
No portion of the property is paved or contains structures (e.g., surfaces with limited erosion potential.)

$PEF = Q/C \times [3{,}600 \text{ s/hr} / (0.036 \times (1\text{-}V) \times (U_m/U_t)^3 \times F(x))]$

$Q/C = A \times \exp[(\ln A_{site} - B)^2 / C]$

Where:

PEF = Particluate emission factor of annual average PM_{10} impacted fugitive dust emissions (m^3/kg);
PM_{10} = Respirable fraction, particles less than 10 um in diameter;
Q/C = Inverse of mean concentration at center of source (g/m^2-s per kg/m^2);
A, B, C = Constants based on air dispersion modeling for Los Angeles, CA, from EPA, 2001;
A_{site} = Areal extent of site or contamination (acres);
0.036 = Respirable fraction (g/m^2-hr);
V = Fraction of impacted surface with vegetative cover (unitless);
U_m = Mean annual wind speed (m/s), from EPA, 1996, 2001;
U_t = Equivalent threshold value of windspeed at 7 m (m/s), from EPA, 1996, 2001;
F(x) = Function dependent on U_m/U_t derived using Cowherd et al. 1985 (unitless), from EPA, 1996, 2001.

A	B	C	A_{site}	Q/C	V	U_m	U_t	F(x)	PEF
11.911	18.439	209.7845	9.5	41.53	0.5	4.69	11.32	0.194	6.02E+08

Building 29 Exposure Area

Planned Loading Dock Excavation Area

Construction Worker

Appendix D, Table 1
Cancer Risk Calculations - Single Age
Maximum/95%UCL Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

Exposure Routes Evaluated		ELCR (Total)
Incidental Ingestion	Yes	2E-07
Dermal Contact	Yes	1E-07
Particulate Inhalation	Yes	3E-09
Ambient Vapor Inhalation	Yes	8E-07
		1E-06

NC - not carcinogenic by this exposure route
NTV - no toxicity value available
NV - not volatile
DAD - dermally absorbed dose
EC - exposure concentration
ABS - absorption factor
CSF - cancer slope factor
UR - cancer unit risk
ELCR - excess lifetime cancer risk
EPC - exposure point concentration
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake$_{ingestion}$ (mg/kg/day)	DAD$_{dermal}$ (mg/kg/day)	EC$_{particulate}$ (ug/m^3)	EC$_{vapor}$ (ug/m^3)	ABS$_{ing}$ (unitless)	ABS$_{d}$ (unitless)	CSF$_{oral}$ (mg/kg/day)$^{-1}$	CSF$_{dermal}$ (mg/kg/day)$^{-1}$	IUR (ug/m^3)$^{-1}$	ELCR$_{ingestion}$	ELCR$_{dermal}$	ELCR$_{particulate}$	ELCR$_{vapor}$	ELCR$_{total}$
			Intake Calculations				**Absorption Factors**		**Cancer Toxicity Values**							
Copper	7440-50-8	4.1E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Zinc	7440-66-6	5.1E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Aroclor-1254	11097-69-1	1.3E+00	5.2E-08	6.7E-08	4.2E-06	NV	1	0.15	2.0E+00	2.0E+00	5.7E-04	1E-07	1E-07	2E-09	NV	2E-07
DDT	50-29-3	2.1E-02	8.5E-10	3.6E-10	6.8E-08	NV	1	0.05	3.4E-01	3.4E-01	9.7E-05	3E-10	1E-10	7E-12	NV	4E-10
Acenaphthene	83-32-9	2.8E-02	NC	NC	NC	NV	NC	NC	NC	0.0E+00	NC				NV	
Acenaphthylene	208-96-8	1.5E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Anthracene	120-12-7	7.5E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benz[a]anthracene	56-55-3	8.0E-03	3.2E-10	4.1E-10	2.6E-08	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	3E-11	4E-11	3E-12	NV	8E-11
Benzo[a]pyrene	50-32-8	2.0E-02	8.1E-10	1.0E-09	6.5E-08	NV	1	0.15	1.0E+00	1.0E+00	1.1E-03	8E-10	1E-09	7E-11	NV	2E-09
Benzo[b]fluoranthene	205-99-2	1.8E-02	7.3E-10	9.3E-10	5.9E-08	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	7E-11	9E-11	6E-12	NV	2E-10
Benzo(g,h,i)perylene	191-24-2	1.4E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benzo[k]fluoranthene	207-08-9	1.1E-01	4.4E-09	5.7E-09	3.6E-07	NV	1	0.15	1.0E-02	1.0E-02	1.1E-04	4E-11	6E-11	4E-11	NV	1E-10
Chrysene	218-01-9	1.6E-02	6.5E-10	8.3E-10	5.2E-08	NV	1	0.15	1.0E-03	1.0E-03	1.1E-05	6E-13	8E-13	6E-13	NV	2E-12
Fluoranthene	206-44-0	1.2E-01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Fluorene	86-73-7	3.4E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Phenanthrene	85-01-8	4.5E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Pyrene	129-00-0	2.9E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
1,1,1-Trichloroethane	71-55-6	5.3E-04	NC	NC	NC	NC	NC	NC	NC	NC	NC					
1,2,3-Trimethylbenzene	526-73-8	1.3E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
1,2,4-Trimethylbenzene	95-63-6	3.0E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	4.6E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Acetone	67-64-1	1.5E-01	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Benzene	71-43-2	7.3E-04	2.9E-11		V	7.8E-06	1		1.0E-01	1.0E-01	2.9E-05	3E-12		V	2E-10	2E-10
Chloroform	67-66-3	1.9E-02	7.7E-10		V	3.0E-04	1		3.1E-02	3.1E-02	2.3E-05	2E-11		V	7E-09	7E-09
cis-1,2-Dichloroethylene	156-59-2	1.5E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Methyl tert-Butyl Ether (MTBE)	1634-04-4	6.8E-04	2.7E-11		V	6.5E-06	1		1.8E-03	1.8E-03	2.6E-07	5E-14		V	2E-12	2E-12
Methylene Chloride	75-09-2	9.5E-03	3.8E-10		V	1.9E-04	1		2.0E-03	2.0E-03	1.0E-06	8E-13		V	2E-10	2E-10
Tetrachloroethylene	127-18-4	1.3E+00	5.1E-08		V	2.1E-02	1		5.4E-01	5.4E-01	6.1E-06	3E-08		V	1E-07	2E-07
trans-1,2-Dichloroethylene	156-60-5	1.8E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Trichloroethylene	79-01-6	8.8E+00	3.6E-07		V	1.6E-01	1		4.6E-02	4.6E-02	4.1E-06	2E-08		V	6E-07	7E-07

Appendix D, Table 2
Non-Cancer Risk Calculations
Maximum/95%UCL Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

Exposure Routes Evaluated		HI (Total)
Incidental Ingestion	Yes	2E-01
Dermal Contact	Yes	2E-01
Particulate Inhalation	Yes	6E-03
Ambient Vapor Inhalation	Yes	6E+00
		6

NV - not volatile
V - volatile
NTV - no toxicity value available

EC - exposure concentration
DAD - dermally absorbed dose
ABS - absorption factor

RfD - reference dose
RfC - reference concentration

HI - hazard index
HQ - hazard quotient

EPC - exposure point concentration (if blank, then COPC was not detected)
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake Calculations				Absorption Factors		Non-Cancer Toxicity Values			HQ				
			$Intake_{ingestion}$ (mg/kg/day)	DAD_{dermal} (mg/kg/day)	$EC_{particulate}$ (mg/m^3)	EC_{vapor} (mg/m^3)	ABS_{ing} (unitless)	ABS_{d} (unitless)	RfD_{oral} (mg/kg/day)	RfD_{dermal} (mg/kg/day)	RfC (mg/m^3)	$HQ_{ingestion}$	HQ_{dermal}	$HQ_{particulate}$	HQ_{vapor}	HQ_{total}
Copper	7440-50-8	4.1E+01	1.2E-04		9.4E-06	NV	1		4.0E-02	4.0E-02		2.9E-03		NTV	NV	3E-03
Zinc	7440-66-6	5.1E+01	1.4E-04		1.2E-05	NV	1		3.0E-01	3.0E-01		4.8E-04		NTV	NV	5E-04
Aroclor-1254	11097-69-1	1.3E+00	3.7E-06	4.7E-06	3.0E-07	NV	1	0.15	2.0E-05	2.0E-05	8.0E-05	1.8E-01	2.4E-01	3.7E-03	NV	4E-01
DDT	50-29-3	2.1E-02	5.9E-08	2.5E-08	4.8E-09	NV	1	0.05	5.0E-04	5.0E-04		1.2E-04	5.1E-05	NTV	NV	2E-04
Acenaphthene	83-32-9	2.8E-02	7.9E-08	1.0E-07	6.4E-09	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	1.3E-06	1.7E-06	2.7E-08	NV	3E-06
Acenaphthylene	208-96-8	1.5E-02	4.2E-08	5.4E-08	3.4E-09	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	7.1E-07	9.1E-07	1.4E-08	NV	2E-06
Anthracene	120-12-7	7.5E-03	2.1E-08	2.7E-08	1.7E-09	NV	1	0.15	3.0E-01	3.0E-01	1.2E+00	7.1E-08	9.1E-08	1.4E-09	NV	2E-07
Benz[a]anthracene	56-55-3	8.0E-03	2.3E-08	2.9E-08	1.8E-09	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo[a]pyrene	50-32-8	2.0E-02	5.7E-08	7.2E-08	4.6E-09	NV	1	0.15	3.0E-04	3.0E-04	2.0E-06	1.9E-04	2.4E-04	2.3E-03	NV	3E-03
Benzo[b]fluoranthene	205-99-2	1.8E-02	5.1E-08	6.5E-08	4.1E-09	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo(g,h,i)perylene	191-24-2	1.4E-02	4.0E-08	5.1E-08	3.2E-09	NV	1	0.15	3.0E-02	3.0E-02		1.3E-06	1.7E-06	NTV	NV	3E-06
Benzo[k]fluoranthene	207-08-9	1.1E-01	3.1E-07	4.0E-07	2.5E-08	NV	1	0.15				NTV	NTV	NTV	NV	
Chrysene	218-01-9	1.6E-02	4.5E-08	5.0E-08	3.7E-09	NV	1	0.13				NTV	NTV	NTV	NV	
Fluoranthene	206-44-0	1.2E-01	3.4E-07	4.3E-07	2.7E-08	NV	1	0.15	4.0E-02	4.0E-02		8.5E-06	1.1E-05	NTV	NV	2E-05
Fluorene	86-73-7	3.4E-03	9.6E-09	1.2E-08	7.8E-10	NV	1	0.15	4.0E-02	4.0E-02	1.6E-01	2.4E-07	3.1E-07	4.9E-09	NV	6E-07
Phenanthrene	85-01-8	4.5E-02	1.3E-07	1.6E-07	1.0E-08	NV	1	0.15	3.0E-02	3.0E-02		4.2E-06	5.4E-06	NTV	NV	1E-05
Pyrene	129-00-0	2.9E-02	8.2E-08	1.1E-07	6.6E-09	NV	1	0.15	3.0E-02	3.0E-02	1.2E-01	2.7E-06	3.5E-06	5.5E-08	NV	6E-06
1,1,1-Trichloroethane	71-55-6	5.3E-04	1.5E-09		V	8.8E-07	1		2.0E+00	2.0E+00	1.0E+00	7.4E-10		V	8.8E-07	9E-07
1,2,3-Trimethylbenzene	526-73-8	1.3E-03	3.5E-09		V	3.5E-07	1		1.0E-02	1.0E-02	6.0E-02	3.5E-07		V	5.8E-06	6E-06
1,2,4-Trimethylbenzene	95-63-6	3.0E-03	8.6E-09		V	1.0E-06	1		1.0E-02	1.0E-02	6.0E-02	8.6E-07		V	1.7E-05	2E-05
Methyl Ethyl Ketone (2-Butanon	78-93-3	4.6E-02	1.3E-07		V	1.4E-05	1		6.0E-01	6.0E-01	5.0E+00	2.1E-07		V	2.8E-06	3E-06
Acetone	67-64-1	1.5E-01	4.2E-07		V	4.4E-05	1		9.0E-01	9.0E-01	3.1E+01	4.7E-07		V	1.4E-06	2E-06
Benzene	71-43-2	7.3E-04	2.0E-09		V	5.5E-07	1		4.0E-03	4.0E-03	3.0E-03	5.1E-07		V	1.8E-04	2E-04
Chloroform	67-66-3	1.9E-02	5.4E-08		V	2.1E-05	1		1.0E-02	1.0E-02	9.8E-02	5.4E-06		V	2.1E-04	2E-04
cis-1,2-Dichloroethylene	156-59-2	1.5E-03	4.3E-09		V	1.7E-06	1		2.0E-03	2.0E-03	8.0E-03	2.2E-06		V	2.2E-04	2E-04
Methyl tert-Butyl Ether (MTBE)	1634-04-4	6.8E-04	1.9E-09		V	4.5E-07	1				3.0E+00	NTV	NTV	V	1.5E-07	2E-07
Methylene Chloride	75-09-2	9.5E-03	2.7E-08		V	1.3E-05	1		6.0E-03	6.0E-03	4.0E-01	4.5E-06		V	3.3E-05	4E-05
Tetrachloroethylene	127-18-4	1.3E+00	3.6E-06		V	1.4E-03	1		6.0E-03	6.0E-03	4.0E-02	5.9E-04		V	3.6E-02	4E-02
trans-1,2-Dichloroethylene	156-60-5	1.8E-03	5.1E-09		V	2.0E-06	1		2.0E-02	2.0E-02	8.0E-02	2.5E-07		V	2.6E-05	3E-05
Trichloroethylene	79-01-6	8.8E+00	2.5E-05		V	1.1E-02	1		5.0E-04	5.0E-04	2.0E-03	5.0E-02		V	5.5E+00	6E+00

Appendix D, Table 3
Intake and Risk Equations - Single Age

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

Cancer Risk from Ingestion

$$ELCR = Intake_{ing} * CSF$$

$$Intake_{ing\ (age\ group\ x)} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW_x * AT_{lifetime}}$$

Cancer Risk from Dermal Absorption

$$ELCR = DAD * CSF$$

$$DAD_{derm(age\ group\ x)} = \frac{DA_{Event} * SA * EV * EF * ED}{BW_x * AT_{lifetime}}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Cancer Risk from Inhalation

$$ELCR_{inh} = EC_{can} * IUR$$

$$EC_{can\ (age\ group\ x)} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED}{24 * AT_{lifetime}}$$

Noncancer Risk from Ingestion

$$HQ = \frac{Intake_{ing}}{RfD}$$

$$Intake_{ing} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW * AT}$$

Noncancer Risk from Dermal Absorption

$$HQ = \frac{DAD}{RfD}$$

$$DAD_{derm} = \frac{DA_{Event} * SA * EV * EF * ED}{BW * AT}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Noncancer Risk from Inhalation

$$HQ = \frac{EC_{nc}}{RfC}$$

$$EC_{nc} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED * C2 \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED * C2}{24 * AT}$$

Parameter	Value - Cancer	Value - Non-Cancer	Units
CSF	Chemical specific	--	$(mg/kg\text{-}day)^{-1}$
IUR	Chemical specific	--	$(ug/m^3)^{-1}$
Intake	Age/chemical specific	--	mg/kg-day
EC_{can}	Age/chemical specific	--	(ug/m^3)
ELCR	Age/chemical specific	--	unitless
RfD	--	Chemical specific	mg/kg-day
RfC	--	Chemical specific	(mg/m^3)
DAD	Age/chemical specific	Age/chemical specific	mg/kg-day
DA_{Event}	Age/chemical specific	Age/chemical specific	mg/cm^2-event
EC_{nc}	--	Age/chemical specific	mg/m^3
HQ	--	Age/chemical specific	unitless
$[EPC]_{soil}$	Chemical specific	Chemical specific	mg/kg
$[EPC]_{PART}$	Appendix D, TABLE 4	Appendix D, TABLE 4	ug/m^3
$[EPC]_{VAPOR}$	Appendix D, TABLE A-5	Appendix D, TABLE A-5	ug/m^3
ABS_{ing}	Chemical specific	Chemical specific	unitless
ABS_d	Chemical specific	Chemical specific	unitless
BW	80	80	kg
EF	250	250	day/year
ED	1	1	year
AT	--	365	day
ATlifetime	25550	--	day
IR	330	330	mg/day
FI	1	1	unitless
C1	0.000001	0.000001	kg/mg
SA	3527	3527	cm2
AF	0.8	0.8	mg/cm2
EV	1	1	event/day
ETPart	8	8	hours/day
C2	0.001	0.001	mg/ug
ETVap	8	8	hours/day
0	0.00E+00	0.00E+00	0

Appendix D, Table 4
Exposure Factors

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

PLACE "X" IN THE APPROPRIATE YELLOW SHADED CELLS FOR THE APPROPRIATE RECEPTOR AND BASIS FOR CALCULATIONS

SCENARIO USED TO CALCULATE RISKS			**X**	**FUTURE ON-SITE CONSTRUCTION WORKER**
BASIS FOR CANCER CALCULATIONS			**X**	
BASIS FOR NON-CANCER CALCULATIONS			**X**	
RECEPTOR			**CONSTRUCTION WORKER (ADULT)**	
Standard Parameters				
Body Weight	BW	kg	80	DTSC, 2019
Exposure Frequency	EF	day/year	250	Site Specific
Exposure Duration	ED	year	1	DTSC, 2019
Non–carcinogenic Averaging Time	AT	day	365	Exposure duration expressed in days
Carcinogenic Averaging Time	$AT_{lifetime}$	day	25550	70 year lifetime
Incidental Ingestion of Soil				
Soil Ingestion Rate	IR	mg/day	330	DTSC, 2019
Fraction Ingested	FI	unitless	1.0	Assumption
Age-Adjusted Soil Ingestion Rate	IFSadj	mg-yr/kg-day	NA	
Dermal Exposure with Soil				
Exposed Skin Surface Area	SA	cm^2	3527	EPA, 2014
Soil Adherence Factor	AF	mg/cm^2	0.8	DTSC, 2019
Fraction Dermal	EV	event/day	1.0	Assumption
Age-Adjusted Dermal Contact Factor	DFSadj	mg-yr/kg-day	NA	
Particulate Inhalation				
Exposure Time	ET_{Part}	hours/day	8	Assumption
Vapor Inhalation				
Exposure Time	ET_{Vap}	hours/day	8	Assumption

Appendix D, Table 5
Particulate to Outdoor Air EPC Calculations
Maximum/95%UCL Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

EQUATIONS:

$$EPC_{[PARTICULATE]} = EPC_{[SOIL]} \times PARTICULATE_{[AIR]} \times 1E\text{-}06 \text{ [kg/mg]}$$

where:

$$PARTICULATE_{[AIR]} = (1/PEF * 1E+09 \text{ ug/kg}) \text{ or Measured/Modelled}$$

and:

$$PEF (m^3/kg) = Q/C \times [(3600 \text{ s/hr}) / ((0.036 \times (1-V) \times (U_m/U_t)^3 \times F(x))]$$

PARAMETER/DEFINITION	UNITS	DEFAULT	Source
$PARTICULATE_{[Air]}$ / Particulate concentration in air	ug/m^3	1000.00	Calculated or measured
Measured or modeled $PARTICULATE_{[AIR]}$	ug/m^3		Measured value
PEF / Particulate emission factor	m^3/kg		Guidance value
PEF / Particulate emission factor	m^3/kg	1.00E+06	Calculated here
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	8.49	Calculated / USEPA, 2014 [a]
V / Fraction of vegetative cover	unitless	0.5	Site-specific, estimated
U_m / mean annual windspeed	m/s	4.69	Site-specific / USEPA, 2014
U_t / equivalent threshold value of wind speed at 7 m	m/s	11.32	USEPA, 2014
F(x) / function dependant on U_m/U_t derived using Cowherd et al. (1985)	unitless	1.94E-01	Calculated / USEPA, 2014

USEPA, 2014. Regional Screening Levels.
[a] Climactic zone: Phoenix Arizona [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	EPC Soil (mg/kg)	EPC Particulate (ug/m^3)
7440-50-8	Copper	41	4.1E-02
7440-66-6	Zinc	51	5.1E-02
11097-69-1	Aroclor-1254	1.3	1.3E-03
50-29-3	DDT	0.021	2.1E-05
83-32-9	Acenaphthene	0.028	2.8E-05
208-96-8	Acenaphthylene	0.015	1.5E-05
120-12-7	Anthracene	0.0075	7.5E-06
56-55-3	Benz[a]anthracene	0.008	8.0E-06
50-32-8	Benzo[a]pyrene	0.02	2.0E-05
205-99-2	Benzo[b]fluoranthene	0.018	1.8E-05
191-24-2	Benzo(g,h,i)perylene	0.014	1.4E-05
207-08-9	Benzo[k]fluoranthene	0.11	1.1E-04
218-01-9	Chrysene	0.016	1.6E-05
206-44-0	Fluoranthene	0.12	1.2E-04
86-73-7	Fluorene	0.0034	3.4E-06
85-01-8	Phenanthrene	0.045	4.5E-05
129-00-0	Pyrene	0.029	2.9E-05
71-55-6	1,1,1-Trichloroethane	0.000525	V
526-73-8	1,2,3-Trimethylbenzene	0.00125	V
95-63-6	1,2,4-Trimethylbenzene	0.00303	V
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0455	V
67-64-1	Acetone	0.15	V
71-43-2	Benzene	0.000725	V
67-66-3	Chloroform	0.019	V
156-59-2	cis-1,2-Dichloroethylene	0.00153	V
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.000675	V
75-09-2	Methylene Chloride	0.00953	V
127-18-4	Tetrachloroethylene	1.26	V
156-60-5	trans-1,2-Dichloroethylene	0.0018	V
79-01-6	Trichloroethylene	8.83	V

Appendix D, Table 6
Vapor to Outdoor Air EPC Calculations
Maximum/95%UCL Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

EQUATIONS:

$EPC_{[VAPOR]} = EPC_{[SOIL]} \times 1/VF \times 1000\ ug/mg$

where:

$VF\ (m^3/kg) = Q/C \times (3.14 \times D_A \times T)^{1/2} \times 10^{-4}(m^2/cm^2) / (2 \times P_b \times D_A) \times (1/Fd)$

and:

$DA = [(O_a^{10/3} D_i H' + O_w^{10/3} D_w)/n^2] / P_b K_d + O_w + O_a H'$

PARAMETER/DEFINITION	UNITS	DEFAULT	Source
VF / volatilization factor	m^3/kg	Calculated	
D_A / apparent diffusivity	cm^2/s	Calculated	
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	8.49	USEPA, 2014 [a]
T / exposure interval	s	3.15E+07	FUTURE ON-SITE CONSTRUCTION WORKER
Π_b / dry soil bulk density	g/cm^3	1.66	USEPA, 2014
O_a / air-filled soil porosity	L_{air}/L_{soil}	0.321	USEPA, 2014
n / total soil porosity	L_{pore}/L_{soil}	0.375	USEPA, 2014
O_w / water-filled soil porosity	L_{water}/L_{soil}	0.054	USEPA, 2014
Ψ_s / soil particle density	g/cm^3	2.65	USEPA, 1996
D_i / diffusivity in air	cm^2/s	chemical-specific	
H' / Henry's Law constant	dimensionless	chemical-specific	
D_w / diffusivity in water	cm^2/s	chemical-specific	
K_d / soil-water partition coefficient (Koc x foc) organics	cm^3/g	chemical-specific	
K_{oc} / soil organic carbon partition coefficient	cm^3/g	chemical-specific	
f_{oc} / fraction organic carbon in soil	g/g	0.006	Default
Fd / Disperson correlation factor	Unitless	0.185	Default, USEPA 2002

USEPA, 2014. Regional Screening Levels.

[a] Climactic zone: Cleveland, Ohio [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	Volatile (Y/N)	D_i (cm^2/s)	H' (unitless)	D_w (cm^2/s)	K_d (cm^3/g)	K_{oc} (cm^3/g)	D_A (cm^2/s)	VF (m^3/kg)	EPC Soil (mg/kg)	EPC Vapor (ug/m^3)
7440-50-8	Copper	N									NV
7440-66-6	Zinc	N									NV
11097-69-1	Aroclor-1254	N	4.01E-02	1.16E-02	4.68E-06	7.83E+02	1.31E+05				NV
50-29-3	DDT	N	3.79E-02	3.40E-04	4.43E-06	1.01E+03	1.69E+05				NV
83-32-9	Acenaphthene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
208-96-8	Acenaphthylene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
120-12-7	Anthracene	N	3.90E-02	2.27E-03	7.85E-06	9.82E+01	1.64E+04				NV
56-55-3	Benz[a]anthracene	N	5.09E-02	4.91E-04	5.94E-06	1.06E+03	1.77E+05				NV
50-32-8	Benzo[a]pyrene	N	4.76E-02	1.87E-05	5.56E-06	3.52E+03	5.87E+05				NV
205-99-2	Benzo[b]fluoranthene	N	4.76E-02	2.69E-05	5.56E-06	3.60E+03	5.99E+05				NV
191-24-2	Benzo(g,h,i)perylene	N	5.28E-02	9.65E-08	6.17E-06	1.35E+00	2.25E+02				NV
207-08-9	Benzo[k]fluoranthene	N	4.76E-02	2.39E-05	5.56E-06	3.52E+03	5.87E+05				NV
218-01-9	Chrysene	N	2.61E-02	2.14E-04	6.75E-06	1.08E+03	1.81E+05				NV
206-44-0	Fluoranthene	N	2.76E-02	3.62E-04	7.18E-06	3.33E+02	5.55E+04				NV
86-73-7	Fluorene	N	4.40E-02	3.93E-03	7.89E-06	5.50E+01	9.16E+03				NV
85-01-8	Phenanthrene	N	2.08E-02	5.81E-12	5.19E-06	5.56E+01	9.27E+03				NV
129-00-0	Pyrene	N	2.78E-02	4.87E-04	7.25E-06	3.26E+02	5.43E+04				NV
71-55-6	1,1,1-Trichloroethane	Y	6.48E-02	7.03E-01	9.60E-06	2.63E-01	4.39E+01	1.0E-02	136	0.000525	3.9E-03
526-73-8	1,2,3-Trimethylbenzene	Y	6.13E-02	1.78E-01	8.02E-06	3.76E+00	6.27E+02	2.8E-04	826	0.00125	1.5E-03
95-63-6	1,2,4-Trimethylbenzene	Y	6.07E-02	2.52E-01	7.92E-06	3.69E+00	6.14E+02	3.9E-04	693	0.00303	4.4E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	Y	9.14E-02	2.33E-03	1.02E-05	2.71E-02	4.51E+00	3.4E-04	741	0.0455	6.1E-02
67-64-1	Acetone	Y	1.06E-01	1.43E-03	1.15E-05	1.42E-02	2.36E+00	3.1E-04	777	0.15	1.9E-01
71-43-2	Benzene	Y	8.95E-02	2.27E-01	1.03E-05	8.75E-01	1.46E+02	2.1E-03	302	0.000725	2.4E-03
67-66-3	Chloroform	Y	7.69E-02	1.50E-01	1.09E-05	1.91E-01	3.18E+01	4.4E-03	206	0.019	9.2E-02
156-59-2	cis-1,2-Dichloroethylene	Y	8.84E-02	1.67E-01	1.13E-05	2.38E-01	3.96E+01	4.7E-03	200	0.00153	7.7E-03
1634-04-4	Methyl tert-Butyl Ether (MTBE)	Y	7.53E-02	2.40E-02	8.59E-06	6.94E-02	1.16E+01	1.6E-03	339	0.000675	2.0E-03
75-09-2	Methylene Chloride	Y	9.99E-02	1.33E-01	1.25E-05	1.30E-01	2.17E+01	6.8E-03	166	0.00953	5.7E-02
127-18-4	Tetrachloroethylene	Y	5.05E-02	7.24E-01	9.46E-06	5.70E-01	9.49E+01	4.8E-03	199	1.26	6.3E+00
156-60-5	trans-1,2-Dichloroethylene	Y	8.76E-02	1.67E-01	1.12E-05	2.38E-01	3.96E+01	4.7E-03	201	0.0018	9.0E-03
79-01-6	Trichloroethylene	Y	6.87E-02	4.03E-01	1.02E-05	3.64E-01	6.07E+01	5.7E-03	183	8.83	4.8E+01

Calculation of Q/C During Construction
Building 29 Exposure Area

Sources: EPA, 1996. Soil Screening Guidance: Technical Background Document. May.
EPA, 2001. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Peer Review Draft. March.

$Q/C = A \times \exp [(\ln A_{site} - B)^2 / C]$

Where:

Q/C = Inverse of mean concentration at center of source (g/m^2-s per kg/m^2);
A, B, C = Constants based on air dispersion modeling for Los Angeles, CA, from EPA 2001;
A_{site} = Areal extent of site or contamination (acres);

A	B	C	A_{site}	Q/C
2.4538	17.566	189.0426	9.5	8.49

APPENDIX E

Risk Calculations – Development of Health-Based Remediation Goals

Building 29 Exposure Area

Soil Vapor

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B99-V01

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	80	0.03	2.4	na	3900	na	6E-04
					B99-V01	0E+00	6E-04

Sample ID: B99-V02

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	61	0.03	1.83	na	3900	na	5E-04
					B99-V02	0E+00	5E-04

Sample ID: B99-V03

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	64	0.03	1.92	na	3900	na	5E-04
					B99-V03	0E+00	5E-04

Sample ID: B99-V04

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
No VOCs Detected							
					B99-V04	0E+00	0E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B99-V05

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	82	0.03	2.46	na	3900	na	6E-04
Trichloroethene	32	0.03	0.96	3	8.8	3E-07	1E-01
					B99-V05	3E-07	1E-01

Sample ID: B99-V06

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	63	0.03	1.89	na	3900	na	5E-04
					B99-V06	0E+00	5E-04

Sample ID: B100-V01

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Trichloroethene	30	0.03	0.9	3	8.8	3E-07	1E-01
					B100-V01	3E-07	1E-01

Sample ID: B100-V02

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	69	0.03	2.07	na	3900	na	5E-04
					B100-V02	0E+00	5E-04

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B100-V03

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
No VOCs Detected							
					B100-V03	0E+00	0E+00

Sample ID: B29-V04

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	210	0.03	6.3	2	180	3E-06	4E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					B29-V04	7E-06	1E+00

Sample ID: B29-V05

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	46	0.03	1.38	na	4400	na	3E-04
Benzene	27	0.03	0.81	0.42	13	2E-06	6E-02
Ethylbenzene	47	0.03	1.41	4.9	4400	3E-07	3E-04
m,p-Xylenes	190	0.03	5.7	na	440	na	1E-02
o-Xylene	53	0.03	1.59	na	440	na	4E-03
Tetrachloroethene	220	0.03	6.6	2	180	3E-06	4E-02
Toluene	180	0.03	5.4	na	1300	na	4E-03
					B29-V05	6E-06	1E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B29-V06

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	110	0.03	3.3	na	3900	na	8E-04
Toluene	44	0.03	1.32	na	1300	na	1E-03
					B29-V06	0E+00	2E-03

Sample ID: B29-V07

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Chloroform (Trichloromethane)	**80**	0.03	2.4	0.53	430	5E-06	6E-03
m,p-Xylenes	88	0.03	2.64	na	440	na	6E-03
o-Xylene	31	0.03	0.93	na	440	na	2E-03
Tetrachloroethene	**370**	0.03	11.1	2	180	6E-06	6E-02
Toluene	46	0.03	1.38	na	1300	na	1E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					B29-V07	1E-05	1E+00

Sample ID: B29-V08

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	52	0.03	1.56	na	3900	na	4E-04
Tetrachloroethene	80	0.03	2.4	2	180	1E-06	1E-02
Trichloroethene	130	0.03	3.9	3	8.8	1E-06	4E-01
					B29-V08	3E-06	5E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B29-V09

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	110	0.03	3.3	na	4400	na	8E-04
Chloroform (Trichloromethane)	170	0.03	5.1	0.53	430	1E-05	1E-02
Styrene	52	0.03	1.56	na	3900	na	4E-04
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					B29-V09	1E-05	1E+00

Sample ID: B29-V10

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	92	0.03	2.76	na	3900	na	7E-04
Trichloroethene	120	0.03	3.6	3	8.8	1E-06	4E-01
					B29-V10	1E-06	4E-01

Sample ID: B29-V11

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	66	0.03	1.98	na	3900	na	5E-04
					B29-V11	0E+00	5E-04

Sample ID: B29-V12

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	53	0.03	1.59	na	3900	na	4E-04
					B29-V12	0E+00	4E-04

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B29-V13

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	74	0.03	2.22	na	3900	na	6E-04
					B29-V13	0E+00	6E-04

Sample ID: B29-V14

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	46	0.03	1.38	na	4400	na	3E-04
Styrene	65	0.03	1.95	na	3900	na	5E-04
					B29-V14	0E+00	8E-04

Sample ID: B29-V15

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	64	0.03	1.92	na	3900	na	5E-04
Trichlorofluoromethane (CFC-11)	60	0.03	1.8	na	5300	na	3E-04
					B29-V15	0E+00	8E-04

Sample ID: B29-V16

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	790	0.03	23.7	na	4400	na	5E-03
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	320	0.03	9.6	na	22000	na	4E-04
Tetrachloroethene	340	0.03	10.2	2	180	5E-06	6E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					B29-V16	9E-06	1E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: B29-V17

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	110	0.03	3.3	na	3900	na	8E-04
Trichloroethene	43	0.03	1.29	3	8.8	4E-07	1E-01
					B29-V17	4E-07	1E-01

Sample ID: B29-V18

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Styrene	62	0.03	1.86	na	3900	na	5E-04
Tetrachloroethene	57	0.03	1.71	2	180	9E-07	1E-02
Trichloroethene	42	0.03	1.26	3	8.8	4E-07	1E-01
					B29-V18	1E-06	2E-01

Sample ID: B29-V19

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	480	0.03	14.4	na	4400	na	3E-03
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	1900	0.03	57	na	22000	na	3E-03
1,1-Dichloroethane	53	0.03	1.59	7.7	3500	2E-07	5E-04
cis-1,2-Dichloroethene	**100**	0.03	3	na	35	na	9E-02
Styrene	99	0.03	2.97	na	3900	na	8E-04
trans-1,2-Dichloroethene	150	0.03	4.5	na	350	na	1E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					B29-V19	4E-06	1E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW01B-SV-5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,2,4-Trimethylbenzene	610	0.03	18.3	na	260	na	7E-02
1,3,5-Trimethylbenzene	220	0.03	6.6	na	260	na	3E-02
4-Ethyltoluene	130	0.03	3.9	na	na	na	na
4-Isopropyltoluene	79	0.03	2.37	na	na	na	na
Ethylbenzene	150	0.03	4.5	4.9	4400	9E-07	1E-03
m,p-Xylenes	670	0.03	20.1	na	440	na	5E-02
n-Propylbenzene	80	0.03	2.4	na	4400	na	5E-04
o-Xylene	240	0.03	7.2	na	440	na	2E-02
Toluene	230	0.03	6.9	na	1300	na	5E-03
Trichloroethene	140	0.03	4.2	3	8.8	1E-06	5E-01
					PW01B-SV-5	2E-06	6E-01

Sample ID: PW06-SV-3.5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,2,4-Trimethylbenzene	600	0.03	18	na	260	na	7E-02
Chloroform (Trichloromethane)	**80**	0.03	2.4	0.53	430	5E-06	6E-03
m,p-Xylenes	1100	0.03	33	na	440	na	8E-02
Toluene	510	0.03	15.3	na	1300	na	1E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					PW06-SV-3.5	8E-06	1E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW07-SV-4

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	38	0.03	1.14	na	4400	na	3E-04
1,2,4-Trimethylbenzene	120	0.03	3.6	na	260	na	1E-02
1,3,5-Trimethylbenzene	48	0.03	1.44	na	260	na	6E-03
4-Ethyltoluene	22	0.03	0.66	na	na	na	na
Chloroform (Trichloromethane)	**80**	0.03	2.4	0.53	430	5E-06	6E-03
Ethylbenzene	28	0.03	0.84	4.9	4400	2E-07	2E-04
m,p-Xylenes	130	0.03	3.9	na	440	na	9E-03
o-Xylene	40	0.03	1.2	na	440	na	3E-03
Tetrachloroethene	330	0.03	9.9	2	180	5E-06	6E-02
Toluene	51	0.03	1.53	na	1300	na	1E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					PW07-SV-4	1E-05	1E+00

Sample ID: PW08-SV-5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,2,4-Trimethylbenzene	530	0.03	15.9	na	260	na	6E-02
1,3,5-Trimethylbenzene	270	0.03	8.1	na	260	na	3E-02
4-Ethyltoluene	160	0.03	4.8	na	na	na	na
4-Isopropyltoluene	80	0.03	2.4	na	na	na	na
Benzene	75	0.03	2.25	0.42	13	5E-06	2E-01
Chloroform (Trichloromethane)	32	0.03	0.96	0.53	430	2E-06	2E-03
Ethylbenzene	340	0.03	10.2	4.9	4400	2E-06	2E-03
Isopropylbenzene	33	0.03	0.99	na	1800	na	6E-04
m,p-Xylenes	1300	0.03	39	na	440	na	9E-02
n-Propylbenzene	120	0.03	3.6	na	4400	na	8E-04
o-Xylene	360	0.03	10.8	na	440	na	2E-02
Tetrachloroethene	96	0.03	2.88	2	180	1E-06	2E-02
Toluene	670	0.03	20.1	na	1300	na	2E-02
Trichloroethene	54	0.03	1.62	3	8.8	5E-07	2E-01
					PW08-SV-5	1E-05	6E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW09-SV-4.5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	120	0.03	3.6	na	4400	na	8E-04
1,2,4-Trimethylbenzene	140	0.03	4.2	na	260	na	2E-02
Bromodichloromethane	**70**	0.03	2.1	0.33	350	6E-06	6E-03
Chloroform (Trichloromethane)	**80**	0.03	2.4	0.53	430	5E-06	6E-03
m,p-Xylenes	200	0.03	6	na	440	na	1E-02
Toluene	150	0.03	4.5	na	1300	na	3E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					PW09-SV-4.5	1E-05	1E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW11-SV-3

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	5.6	0.03	0.168	na	22000	na	8E-06
1,2,4-Trimethylbenzene	110	0.03	3.3	na	260	na	1E-02
1,3,5-Trimethylbenzene	67	0.03	2.01	na	260	na	8E-03
4-Ethyltoluene	29	0.03	0.87	na	na	na	na
4-Isopropyltoluene	8.8	0.03	0.264	na	na	na	na
Acetone	51	0.03	1.53	na	140000	na	1E-05
Benzene	10	0.03	0.3	0.42	13	7E-07	2E-02
Bromodichloromethane	16	0.03	0.48	0.33	350	1E-06	1E-03
Chloroform (Trichloromethane)	14	0.03	0.42	0.53	430	8E-07	1E-03
Dibromochloromethane	12	0.03	0.36	0.58	350	6E-07	1E-03
Ethylbenzene	50	0.03	1.5	4.9	4400	3E-07	3E-04
Heptane	4.9	0.03	0.147	na	1800	na	8E-05
Isobutane	5.1	0.03	0.153	na	na	na	na
Isopropylbenzene	5.9	0.03	0.177	na	1800	na	1E-04
m,p-Xylenes	160	0.03	4.8	na	440	na	1E-02
n-Hexane	5.9	0.03	0.177	na	3100	na	6E-05
n-Propylbenzene	19	0.03	0.57	na	4400	na	1E-04
o-Xylene	70	0.03	2.1	na	440	na	5E-03
Propylene	7.5	0.03	0.225	na	13000	na	2E-05
Styrene	14	0.03	0.42	na	3900	na	1E-04
Tetrachloroethene	16	0.03	0.48	2	180	2E-07	3E-03
Toluene	89	0.03	2.67	na	1300	na	2E-03
Trichloroethene	5.9	0.03	0.177	3	8.8	6E-08	2E-02
					PW11-SV-3	4E-06	9E-02

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW12-SV-3

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,2,4-Trimethylbenzene	400	0.03	12	na	260	na	5E-02
1,3,5-Trimethylbenzene	180	0.03	5.4	na	260	na	2E-02
2,2,4-Trimethylpentane	12	0.03	0.36	na	na	na	na
4-Ethyltoluene	110	0.03	3.3	na	na	na	na
4-Isopropyltoluene	63	0.03	1.89	na	na	na	na
Acetone	59	0.03	1.77	na	140000	na	1E-05
Benzene	36	0.03	1.08	0.42	13	3E-06	8E-02
Bromodichloromethane	17	0.03	0.51	0.33	350	2E-06	1E-03
Chloroform (Trichloromethane)	20	0.03	0.6	0.53	430	1E-06	1E-03
Cyclohexane	3.6	0.03	0.108	na	26000	na	4E-06
Dibromochloromethane	9.5	0.03	0.285	0.58	350	5E-07	8E-04
Ethylbenzene	150	0.03	4.5	4.9	4400	9E-07	1E-03
Heptane	12	0.03	0.36	na	1800	na	2E-04
Isopropylbenzene	20	0.03	0.6	na	1800	na	3E-04
m,p-Xylenes	710	0.03	21.3	na	440	na	5E-02
n-Hexane	11	0.03	0.33	na	3100	na	1E-04
n-Propylbenzene	87	0.03	2.61	na	4400	na	6E-04
o-Xylene	200	0.03	6	na	440	na	1E-02
Propylene	30	0.03	0.9	na	13000	na	7E-05
sec-Butylbenzene	8.1	0.03	0.243	na	1800	na	1E-04
Styrene	19	0.03	0.57	na	3900	na	1E-04
Tetrachloroethene	**370**	0.03	11.1	2	180	6E-06	6E-02
Toluene	350	0.03	10.5	na	1300	na	8E-03
Trichloroethene	35	0.03	1.05	3	8.8	4E-07	1E-01
					PW12-SV-3	1E-05	4E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW13-SV-4

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	12	0.03	0.36	na	4400	na	8E-05
1,2,4-Trimethylbenzene	500	0.03	15	na	260	na	6E-02
1,3,5-Trimethylbenzene	180	0.03	5.4	na	260	na	2E-02
2,2,4-Trimethylpentane	3.9	0.03	0.117	na	na	na	na
4-Ethyltoluene	94	0.03	2.82	na	na	na	na
4-Isopropyltoluene	53	0.03	1.59	na	na	na	na
Acetone	43	0.03	1.29	na	140000	na	9E-06
Benzene	8	0.03	0.24	0.42	13	6E-07	2E-02
Benzyl chloride	9.8	0.03	0.294	0.25	4.4	1E-06	7E-02
Chloroform (Trichloromethane)	26	0.03	0.78	0.53	430	1E-06	2E-03
cis-1,2-Dichloroethene	3.8	0.03	0.114	na	35	na	3E-03
Dichlorodifluoromethane (R12)	17	0.03	0.51	na	440	na	1E-03
Ethylbenzene	81	0.03	2.43	4.9	4400	5E-07	6E-04
Heptane	4.2	0.03	0.126	na	1800	na	7E-05
Isopropylbenzene	11	0.03	0.33	na	1800	na	2E-04
m,p-Xylenes	400	0.03	12	na	440	na	3E-02
n-Hexane	3.6	0.03	0.108	na	3100	na	3E-05
n-Propylbenzene	59	0.03	1.77	na	4400	na	4E-04
o-Xylene	140	0.03	4.2	na	440	na	1E-02
Tetrachloroethene	4.7	0.03	0.141	2	180	7E-08	8E-04
Toluene	98	0.03	2.94	na	1300	na	2E-03
Trichloroethene	91	0.03	2.73	3	8.8	9E-07	3E-01
Trichlorofluoromethane (CFC-11)	94	0.03	2.82	na	5300	na	5E-04
					PW13-SV-4	5E-06	5E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW14-SV-4

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
cis-1,2-Dichloroethene	**100**	0.03	3	na	35	na	9E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					PW14-SV-4	4E-06	1E+00

Sample ID: PW14-SV-4DUP

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
cis-1,2-Dichloroethene	**100**	0.03	3	na	35	na	9E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					PW14-SV-4DUP	4E-06	1E+00

Sample ID: PW15-SV-4.5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	1100	0.03	33	na	4400	na	8E-03
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	740	0.03	22.2	na	22000	na	1E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					PW15-SV-4.5	4E-06	1E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: PW16-SV-5

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	35	0.03	1.05	na	4400	na	2E-04
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	72	0.03	2.16	na	22000	na	1E-04
1,2,4-Trimethylbenzene	490	0.03	14.7	na	260	na	6E-02
1,3,5-Trimethylbenzene	180	0.03	5.4	na	260	na	2E-02
4-Ethyltoluene	55	0.03	1.65	na	na	na	na
4-Isopropyltoluene	27	0.03	0.81	na	na	na	na
Benzene	7.6	0.03	0.228	0.42	13	5E-07	2E-02
Chloroform (Trichloromethane)	5.8	0.03	0.174	0.53	430	3E-07	4E-04
Ethylbenzene	61	0.03	1.83	4.9	4400	4E-07	4E-04
Isopropylbenzene	7.7	0.03	0.231	na	1800	na	1E-04
m,p-Xylenes	310	0.03	9.3	na	440	na	2E-02
Naphthalene	6.3	0.03	0.189	0.36	13	5E-07	1E-02
n-Propylbenzene	36	0.03	1.08	na	4400	na	2E-04
o-Xylene	99	0.03	2.97	na	440	na	7E-03
sec-Butylbenzene	4.5	0.03	0.135	na	1800	na	8E-05
Styrene	10	0.03	0.3	na	3900	na	8E-05
Tetrachloroethene	16	0.03	0.48	2	180	2E-07	3E-03
Toluene	120	0.03	3.6	na	1300	na	3E-03
Trichloroethene	25	0.03	0.75	3	8.8	3E-07	9E-02
Trichlorofluoromethane (CFC-11)	6.7	0.03	0.201	na	5300	na	4E-05
					PW16-SV-5	2E-06	2E-01

Sample ID: DGA-003-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	160	0.03	4.8	na	22000	na	2E-04
Benzene	20	0.03	0.6	0.42	13	1E-06	5E-02
Trichloroethene	260	0.03	7.8	3	8.8	3E-06	9E-01
					DGA-003-2-SG	4E-06	9E-01

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-004-1-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	2000	0.03	60	na	4400	na	1E-02
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	1600	0.03	48	na	22000	na	2E-03
1,1-Dichloroethane	430	0.03	12.9	7.7	3500	2E-06	4E-03
Benzene	24	0.03	0.72	0.42	13	2E-06	6E-02
Chloroform (Trichloromethane)	**80**	0.03	2.4	0.53	430	5E-06	6E-03
cis-1,2-Dichloroethene	**100**	0.03	3	na	35	na	9E-02
Tetrachloroethene	100	0.03	3	2	180	2E-06	2E-02
trans-1,2-Dichloroethene	340	0.03	10.2	na	350	na	3E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-004-1-SG	1E-05	1E+00

Sample ID: DGA-007-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	3300	0.03	99	na	4400	na	2E-02
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	2600	0.03	78	na	22000	na	4E-03
1,1-Dichloroethene	150	0.03	4.5	na	310	na	1E-02
Benzene	36	0.03	1.08	0.42	13	3E-06	8E-02
Chloroform (Trichloromethane)	**80**	0.03	2.4	0.53	430	5E-06	6E-03
Tetrachloroethene	20	0.03	0.6	2	180	3E-07	3E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-007-2-SG	1E-05	1E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-008-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1-Difluoroethane	110	0.03	3.3	na	180000	na	2E-05
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-008-2-SG	4E-06	1E+00

Sample ID: DGA-009-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1-Dichloroethane	120	0.03	3.6	7.7	3500	5E-07	1E-03
Benzene	34	0.03	1.02	0.42	13	2E-06	8E-02
cis-1,2-Dichloroethene	**100**	0.03	3	na	35	na	9E-02
Tetrachloroethene	66	0.03	1.98	2	180	1E-06	1E-02
trans-1,2-Dichloroethene	470	0.03	14.1	na	350	na	4E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
Vinyl chloride	36	0.03	1.08	0.16	440	7E-06	2E-03
					DGA-009-2-SG	1E-05	1E+00

Sample ID: DGA-011-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	35	0.03	1.05	2	180	5E-07	6E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-011-2-SG	4E-06	1E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-013-1-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	180	0.03	5.4	2	180	3E-06	3E-02
Trichloroethene	54	0.03	1.62	3	8.8	5E-07	2E-01
					DGA-013-1-SG	3E-06	2E-01

Sample ID: DGA-014-2.5-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	260	0.03	7.8	2	180	4E-06	4E-02
					DGA-014-2.5-SG	4E-06	4E-02

Sample ID: DGA-015-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
No Detections							
					DGA-015-2-SG	0E+00	0E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-016-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Benzene	56	0.03	1.68	0.42	13	4E-06	1E-01
Chloroform (Trichloromethane)	61	0.03	1.83	0.53	430	3E-06	4E-03
Toluene	200	0.03	6	na	1300	na	5E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-016-2-SG	1E-05	1E+00

Sample ID: DGA-017-1-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
1,1,1-Trichloroethane	150	0.03	4.5	na	4400	na	1E-03
Chloroform (Trichloromethane)	**80**	0.03	2.4	0.53	430	5E-06	6E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-017-1-SG	8E-06	1E+00

Sample ID: DGA-019-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Co+F505mmercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Benzene	26	0.03	0.78	0.42	13	2E-06	6E-02
Chloroform (Trichloromethane)	30	0.03	0.9	0.53	430	2E-06	2E-03
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-019-2-SG	7E-06	1E+00

TABLE 1
VAPOR INTRUSION EVALUATION - CANCER AND NON-CANCER RISK EVALUATION
ROHR - BUILDINGS 29, 99, AND 100
USING SOIL VAPOR HEALTH-BASED REMEDIATION GOAL CONCENTRATIONS
CHULA VISTA, CALIFORNIA

Sample ID: DGA-021-1-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Tetrachloroethene	**370**	0.03	11.1	2	180	6E-06	6E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-021-1-SG	9E-06	1E+00

Sample ID: DGA-022-2-SG

Chemical Name	Soil Vapor Concentration	Default Attenuation Factor	Estimated Indoor Air Concentration Using Default AF = 0.03	Carcinogenic Screening Level for Commercial/Industrial Air	Non-Carcinogenic Screening Level for Commercial/Industrial Air	Incremental Lifetime Cancer Risk	Hazard Index
	ug/m^3	0.03	ug/m^3	ug/m^3	ug/m^3		
Benzene	30	0.03	0.9	0.42	13	2E-06	7E-02
Chloroform (Trichloromethane)	**80**	0.03	2.4	0.53	430	5E-06	6E-03
Tetrachloroethene	98	0.03	2.94	2	180	1E-06	2E-02
Trichloroethene	**350**	0.03	10.5	3	8.8	4E-06	1E+00
					DGA-022-2-SG	1E-05	1E+00

Health-based Remediation Goals

Building 29 Exposure Area

Planned Loading Dock Excavation Area

Construction Worker

Appendix E, Table 1
Cancer Risk Calculations - Single Age
Health-based Remediation Goal Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

Exposure Routes Evaluated		ELCR (Total)
Incidental Ingestion	Yes	1E-07
Dermal Contact	Yes	1E-07
Particulate Inhalation	Yes	3E-09
Ambient Vapor Inhalation	Yes	2E-07
		5E-07

NC - not carcinogenic by this exposure route
NTV - no toxicity value available
NV - not volatile
DAD - dermally absorbed dose
EC - exposure concentration
ABS - absorption factor
CSF - cancer slope factor
UR - cancer unit risk
ELCR - excess lifetime cancer risk
EPC - exposure point concentration
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake$_{ingestion}$ (mg/kg/day)	DAD$_{dermal}$ (mg/kg/day)	EC$_{particulate}$ (ug/m^3)	EC$_{vapor}$ (ug/m^3)	ABS$_{ing}$ (unitless)	ABS$_{d}$ (unitless)	CSF$_{oral}$ (mg/kg/day)$^{-1}$	CSF$_{dermal}$ (mg/kg/day)$^{-1}$	IUR (ug/m^3)$^{-1}$	ELCR$_{ingestion}$	ELCR$_{dermal}$	ELCR$_{particulate}$	ELCR$_{vapor}$	ELCR$_{total}$
			Intake Calculations				**Absorption Factors**		**Cancer Toxicity Values**							
Copper	7440-50-8	4.1E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Zinc	7440-66-6	5.1E+01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Aroclor-1254	11097-69-1	1.3E+00	5.2E-08	6.7E-08	4.2E-06	NV	1	0.15	2.0E+00	2.0E+00	5.7E-04	1E-07	1E-07	2E-09	NV	2E-07
DDT	50-29-3	2.1E-02	8.5E-10	3.6E-10	6.8E-08	NV	1	0.05	3.4E-01	3.4E-01	9.7E-05	3E-10	1E-10	7E-12	NV	4E-10
Acenaphthene	83-32-9	2.8E-02	NC	NC	NC	NV	NC	NC	NC	0.0E+00	NC				NV	
Acenaphthylene	208-96-8	1.5E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Anthracene	120-12-7	7.5E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benz[a]anthracene	56-55-3	8.0E-03	3.2E-10	4.1E-10	2.6E-08	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	3E-11	4E-11	3E-12	NV	8E-11
Benzo[a]pyrene	50-32-8	2.0E-02	8.1E-10	1.0E-09	6.5E-08	NV	1	0.15	1.0E+00	1.0E+00	1.1E-03	8E-10	1E-09	7E-11	NV	2E-09
Benzo[b]fluoranthene	205-99-2	1.8E-02	7.3E-10	9.3E-10	5.9E-08	NV	1	0.15	1.0E-01	1.0E-01	1.1E-04	7E-11	9E-11	6E-12	NV	2E-10
Benzo(g,h,i)perylene	191-24-2	1.4E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Benzo[k]fluoranthene	207-08-9	1.1E-01	4.4E-09	5.7E-09	3.6E-07	NV	1	0.15	1.0E-02	1.0E-02	1.1E-04	4E-11	6E-11	4E-11	NV	1E-10
Chrysene	218-01-9	1.6E-02	6.5E-10	8.3E-10	5.2E-08	NV	1	0.15	1.0E-03	1.0E-03	1.1E-05	6E-13	8E-13	6E-13	NV	2E-12
Fluoranthene	206-44-0	1.2E-01	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Fluorene	86-73-7	3.4E-03	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Phenanthrene	85-01-8	4.5E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
Pyrene	129-00-0	2.9E-02	NC	NC	NC	NV	NC	NC	NC	NC	NC				NV	
1,1,1-Trichloroethane	71-55-6	5.3E-04	NC	NC	NC	NC	NC	NC	NC	NC	NC					
1,2,3-Trimethylbenzene	526-73-8	1.3E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
1,2,4-Trimethylbenzene	95-63-6	3.0E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Methyl Ethyl Ketone (2-Butanone)	78-93-3	4.6E-02	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Acetone	67-64-1	1.5E-01	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Benzene	71-43-2	7.3E-04	2.9E-11		V	7.8E-06	1		1.0E-01	1.0E-01	2.9E-05	3E-12		V	2E-10	2E-10
Chloroform	67-66-3	1.9E-02	7.7E-10		V	3.0E-04	1		3.1E-02	3.1E-02	2.3E-05	2E-11		V	7E-09	7E-09
cis-1,2-Dichloroethylene	156-59-2	1.5E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Methyl tert-Butyl Ether (MTBE)	1634-04-4	6.8E-04	2.7E-11		V	6.5E-06	1		1.8E-03	1.8E-03	2.6E-07	5E-14		V	2E-12	2E-12
Methylene Chloride	75-09-2	9.5E-03	3.8E-10		V	1.9E-04	1		2.0E-03	2.0E-03	1.0E-06	8E-13		V	2E-10	2E-10
Tetrachloroethylene	127-18-4	1.3E+00	5.1E-08		V	2.1E-02	1		5.4E-01	5.4E-01	6.1E-06	3E-08		V	1E-07	2E-07
trans-1,2-Dichloroethylene	156-60-5	1.8E-03	NC	NC	NC	NC	NC	NC	NC	NC	NC					
Trichloroethylene	79-01-6	1.5E+00	6.1E-08		V	2.7E-02	1		4.6E-02	4.6E-02	4.1E-06	3E-09		V	1E-07	1E-07

Appendix E, Table 2
Non-Cancer Risk Calculations
Health-based Remediation Goal Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

Exposure Routes Evaluated		HI (Total)
Incidental Ingestion	Yes	2E-01
Dermal Contact	Yes	2E-01
Particulate Inhalation	Yes	6E-03
Ambient Vapor Inhalation	Yes	1E+00
		1

NV - not volatile
V - volatile
NTV - no toxicity value available

EC - exposure concentration
DAD - dermally absorbed dose
ABS - absorption factor

RfD - reference dose
RfC - reference concentration

HI - hazard index
HQ - hazard quotient

EPC - exposure point concentration (if blank, then COPC was not detected)
COPC - chemical of potential concern

COPC	CASRN	EPC (mg/kg)	Intake Calculations				Absorption Factors		Non-Cancer Toxicity Values			HQ				
			$Intake_{ingestion}$ (mg/kg/day)	DAD_{dermal} (mg/kg/day)	$EC_{particulate}$ (mg/m^3)	EC_{vapor} (mg/m^3)	ABS_{ing} (unitless)	ABS_{d} (unitless)	RfD_{oral} (mg/kg/day)	RfD_{dermal} (mg/kg/day)	RfC (mg/m^3)	$HQ_{ingestion}$	HQ_{dermal}	$HQ_{particulate}$	HQ_{vapor}	HQ_{total}
Copper	7440-50-8	4.1E+01	1.2E-04		9.4E-06	NV	1		4.0E-02	4.0E-02		2.9E-03		NTV	NV	3E-03
Zinc	7440-66-6	5.1E+01	1.4E-04		1.2E-05	NV	1		3.0E-01	3.0E-01		4.8E-04		NTV	NV	5E-04
Aroclor-1254	11097-69-1	1.3E+00	3.7E-06	4.7E-06	3.0E-07	NV	1	0.15	2.0E-05	2.0E-05	8.0E-05	1.8E-01	2.4E-01	3.7E-03	NV	4E-01
DDT	50-29-3	2.1E-02	5.9E-08	2.5E-08	4.8E-09	NV	1	0.05	5.0E-04	5.0E-04		1.2E-04	5.1E-05	NTV	NV	2E-04
Acenaphthene	83-32-9	2.8E-02	7.9E-08	1.0E-07	6.4E-09	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	1.3E-06	1.7E-06	2.7E-08	NV	3E-06
Acenaphthylene	208-96-8	1.5E-02	4.2E-08	5.4E-08	3.4E-09	NV	1	0.15	6.0E-02	6.0E-02	2.4E-01	7.1E-07	9.1E-07	1.4E-08	NV	2E-06
Anthracene	120-12-7	7.5E-03	2.1E-08	2.7E-08	1.7E-09	NV	1	0.15	3.0E-01	3.0E-01	1.2E+00	7.1E-08	9.1E-08	1.4E-09	NV	2E-07
Benz[a]anthracene	56-55-3	8.0E-03	2.3E-08	2.9E-08	1.8E-09	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo[a]pyrene	50-32-8	2.0E-02	5.7E-08	7.2E-08	4.6E-09	NV	1	0.15	3.0E-04	3.0E-04	2.0E-06	1.9E-04	2.4E-04	2.3E-03	NV	3E-03
Benzo[b]fluoranthene	205-99-2	1.8E-02	5.1E-08	6.5E-08	4.1E-09	NV	1	0.15				NTV	NTV	NTV	NV	
Benzo(g,h,i)perylene	191-24-2	1.4E-02	4.0E-08	5.1E-08	3.2E-09	NV	1	0.15	3.0E-02	3.0E-02		1.3E-06	1.7E-06	NTV	NV	3E-06
Benzo[k]fluoranthene	207-08-9	1.1E-01	3.1E-07	4.0E-07	2.5E-08	NV	1	0.15				NTV	NTV	NTV	NV	
Chrysene	218-01-9	1.6E-02	4.5E-08	5.0E-08	3.7E-09	NV	1	0.13				NTV	NTV	NTV	NV	
Fluoranthene	206-44-0	1.2E-01	3.4E-07	4.3E-07	2.7E-08	NV	1	0.15	4.0E-02	4.0E-02		8.5E-06	1.1E-05	NTV	NV	2E-05
Fluorene	86-73-7	3.4E-03	9.6E-09	1.2E-08	7.8E-10	NV	1	0.15	4.0E-02	4.0E-02	1.6E-01	2.4E-07	3.1E-07	4.9E-09	NV	6E-07
Phenanthrene	85-01-8	4.5E-02	1.3E-07	1.6E-07	1.0E-08	NV	1	0.15	3.0E-02	3.0E-02		4.2E-06	5.4E-06	NTV	NV	1E-05
Pyrene	129-00-0	2.9E-02	8.2E-08	1.1E-07	6.6E-09	NV	1	0.15	3.0E-02	3.0E-02	1.2E-01	2.7E-06	3.5E-06	5.5E-08	NV	6E-06
1,1,1-Trichloroethane	71-55-6	5.3E-04	1.5E-09		V	8.8E-07	1		2.0E+00	2.0E+00	1.0E+00	7.4E-10		V	8.8E-07	9E-07
1,2,3-Trimethylbenzene	526-73-8	1.3E-03	3.5E-09		V	3.5E-07	1		1.0E-02	1.0E-02	6.0E-02	3.5E-07		V	5.8E-06	6E-06
1,2,4-Trimethylbenzene	95-63-6	3.0E-03	8.6E-09		V	1.0E-06	1		1.0E-02	1.0E-02	6.0E-02	8.6E-07		V	1.7E-05	2E-05
Methyl Ethyl Ketone (2-Butanon	78-93-3	4.6E-02	1.3E-07		V	1.4E-05	1		6.0E-01	6.0E-01	5.0E+00	2.1E-07		V	2.8E-06	3E-06
Acetone	67-64-1	1.5E-01	4.2E-07		V	4.4E-05	1		9.0E-01	9.0E-01	3.1E+01	4.7E-07		V	1.4E-06	2E-06
Benzene	71-43-2	7.3E-04	2.0E-09		V	5.5E-07	1		4.0E-03	4.0E-03	3.0E-03	5.1E-07		V	1.8E-04	2E-04
Chloroform	67-66-3	1.9E-02	5.4E-08		V	2.1E-05	1		1.0E-02	1.0E-02	9.8E-02	5.4E-06		V	2.1E-04	2E-04
cis-1,2-Dichloroethylene	156-59-2	1.5E-03	4.3E-09		V	1.7E-06	1		2.0E-03	2.0E-03	8.0E-03	2.2E-06		V	2.2E-04	2E-04
Methyl tert-Butyl Ether (MTBE)	1634-04-4	6.8E-04	1.9E-09		V	4.5E-07	1				3.0E+00	NTV	NTV	V	1.5E-07	2E-07
Methylene Chloride	75-09-2	9.5E-03	2.7E-08		V	1.3E-05	1		6.0E-03	6.0E-03	4.0E-01	4.5E-06		V	3.3E-05	4E-05
Tetrachloroethylene	127-18-4	1.3E+00	3.6E-06		V	1.4E-03	1		6.0E-03	6.0E-03	4.0E-02	5.9E-04		V	3.6E-02	4E-02
trans-1,2-Dichloroethylene	156-60-5	1.8E-03	5.1E-09		V	2.0E-06	1		2.0E-02	2.0E-02	8.0E-02	2.5E-07		V	2.6E-05	3E-05
Trichloroethylene	79-01-6	1.5E+00	4.2E-06		V	1.9E-03	1		5.0E-04	5.0E-04	2.0E-03	8.5E-03		V	9.4E-01	9E-01

Appendix E, Table 3
Intake and Risk Equations - Single Age

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

Cancer Risk from Ingestion

$$ELCR = Intake_{ing} * CSF$$

$$Intake_{ing\ (age\ group\ x)} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW_x * AT_{lifetime}}$$

Cancer Risk from Dermal Absorption

$$ELCR = DAD * CSF$$

$$DAD_{derm(age\ group\ x)} = \frac{DA_{Event} * SA * EV * EF * ED}{BW_x * AT_{lifetime}}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Cancer Risk from Inhalation

$$ELCR_{inh} = EC_{can} * IUR$$

$$EC_{can\ (age\ group\ x)} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED}{24 * AT_{lifetime}}$$

Noncancer Risk from Ingestion

$$HQ = \frac{Intake_{ing}}{RfD}$$

$$Intake_{ing} = \frac{[EPC]_{soil} * IR * ABS_{ing} * FI * EF * ED * C1}{BW * AT}$$

Noncancer Risk from Dermal Absorption

$$HQ = \frac{DAD}{RfD}$$

$$DAD_{derm} = \frac{DA_{Event} * SA * EV * EF * ED}{BW * AT}$$

$$DA_{Event} = [EPC]_{soil} * ABS_d * AF * C1$$

Noncancer Risk from Inhalation

$$HQ = \frac{EC_{nc}}{RfC}$$

$$EC_{nc} = \frac{[EPC]_{PART} * ET_{Part} * EF * ED * C2 \text{ --- OR--- } [EPC]_{VAPOR} * ET_{Vap} * EF * ED * C2}{24 * AT}$$

Parameter	Value - Cancer	Value - Non-Cancer	Units
CSF	Chemical specific	--	$(mg/kg\text{-}day)^{-1}$
IUR	Chemical specific	--	$(ug/m^3)^{-1}$
Intake	Age/chemical specific	--	mg/kg-day
EC_{can}	Age/chemical specific	--	(ug/m^3)
ELCR	Age/chemical specific	--	unitless
RfD	--	Chemical specific	mg/kg-day
RfC	--	Chemical specific	(mg/m^3)
DAD	Age/chemical specific	Age/chemical specific	mg/kg-day
DA_{Event}	Age/chemical specific	Age/chemical specific	mg/cm^2-event
EC_{nc}	--	Age/chemical specific	mg/m^3
HQ	--	Age/chemical specific	unitless
$[EPC]_{soil}$	Chemical specific	Chemical specific	mg/kg
$[EPC]_{PART}$	Appendix E, TABLE 4	Appendix E, TABLE 4	ug/m^3
$[EPC]_{VAPOR}$	Appendix E, TABLE A-5	Appendix E, TABLE A-5	ug/m^3
ABS_{ing}	Chemical specific	Chemical specific	unitless
ABS_d	Chemical specific	Chemical specific	unitless
BW	80	80	kg
EF	250	250	day/year
ED	1	1	year
AT	--	365	day
ATlifetime	25550	--	day
IR	330	330	mg/day
FI	1	1	unitless
C1	0.000001	0.000001	kg/mg
SA	3527	3527	cm2
AF	0.8	0.8	mg/cm2
EV	1	1	event/day
ETPart	8	8	hours/day
C2	0.001	0.001	mg/ug
ETVap	8	8	hours/day
0	0.00E+00	0.00E+00	0

Appendix E, Table 4
Exposure Factors

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

PLACE "X" IN THE APPROPRIATE YELLOW SHADED CELLS FOR THE APPROPRIATE RECEPTOR AND BASIS FOR CALCULATIONS

SCENARIO USED TO CALCULATE RISKS			**X**	**FUTURE ON-SITE CONSTRUCTION WORKER**
BASIS FOR CANCER CALCULATIONS			**X**	
BASIS FOR NON-CANCER CALCULATIONS			**X**	
RECEPTOR			**CONSTRUCTION WORKER (ADULT)**	
Standard Parameters				
Body Weight	BW	kg	80	DTSC, 2019
Exposure Frequency	EF	day/year	250	Site Specific
Exposure Duration	ED	year	1	DTSC, 2019
Non–carcinogenic Averaging Time	AT	day	365	Exposure duration expressed in days
Carcinogenic Averaging Time	$AT_{lifetime}$	day	25550	70 year lifetime
Incidental Ingestion of Soil				
Soil Ingestion Rate	IR	mg/day	330	DTSC, 2019
Fraction Ingested	FI	unitless	1.0	Assumption
Age-Adjusted Soil Ingestion Rate	IFSadj	mg-yr/kg-day	NA	
Dermal Exposure with Soil				
Exposed Skin Surface Area	SA	cm^2	3527	EPA, 2014
Soil Adherence Factor	AF	mg/cm^2	0.8	DTSC, 2019
Fraction Dermal	EV	event/day	1.0	Assumption
Age-Adjusted Dermal Contact Factor	DFSadj	mg-yr/kg-day	NA	
Particulate Inhalation				
Exposure Time	ET_{Part}	hours/day	8	Assumption
Vapor Inhalation				
Exposure Time	ET_{Vap}	hours/day	8	Assumption

Appendix E, Table 5
Particulate to Outdoor Air EPC Calculations
Health-based Remediation Goal Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

EQUATIONS:

$$EPC_{[PARTICULATE]} = EPC_{[SOIL]} \times PARTICULATE_{[AIR]} \times 1E\text{-}06 \text{ [kg/mg]}$$

where:

$$PARTICULATE_{[AIR]} = (1/PEF * 1E+09 \text{ ug/kg}) \text{ or Measured/Modelled}$$

and:

$$PEF (m^3/kg) = Q/C \times [(3600 \text{ s/hr}) / ((0.036 \times (1-V) \times (U_m/U_t)^3 \times F(x))]$$

PARAMETER/DEFINITION	UNITS	DEFAULT	Source
$PARTICULATE_{[Air]}$ / Particulate concentration in air	ug/m^3	1000.00	Calculated or measured
Measured or modeled $PARTICULATE_{[AIR]}$	ug/m^3		Measured value
PEF / Particulate emission factor	m^3/kg		Guidance value
PEF / Particulate emission factor	m^3/kg	1.00E+06	Calculated here
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	8.49	Calculated / USEPA, 2014 [a]
V / Fraction of vegetative cover	unitless	0.5	Site-specific, estimated
U_m / mean annual windspeed	m/s	4.69	Site-specific / USEPA, 2014
U_t / equivalent threshold value of wind speed at 7 m	m/s	11.32	USEPA, 2014
F(x) / function dependant on U_m/U_t derived using Cowherd et al. (1985)	unitless	1.94E-01	Calculated / USEPA, 2014

USEPA, 2014. Regional Screening Levels.
[a] Climactic zone: Phoenix Arizona [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	EPC Soil (mg/kg)	EPC Particulate (ug/m^3)
7440-50-8	Copper	41	4.1E-02
7440-66-6	Zinc	51	5.1E-02
11097-69-1	Aroclor-1254	1.3	1.3E-03
50-29-3	DDT	0.021	2.1E-05
83-32-9	Acenaphthene	0.028	2.8E-05
208-96-8	Acenaphthylene	0.015	1.5E-05
120-12-7	Anthracene	0.0075	7.5E-06
56-55-3	Benz[a]anthracene	0.008	8.0E-06
50-32-8	Benzo[a]pyrene	0.02	2.0E-05
205-99-2	Benzo[b]fluoranthene	0.018	1.8E-05
191-24-2	Benzo(g,h,i)perylene	0.014	1.4E-05
207-08-9	Benzo[k]fluoranthene	0.11	1.1E-04
218-01-9	Chrysene	0.016	1.6E-05
206-44-0	Fluoranthene	0.12	1.2E-04
86-73-7	Fluorene	0.0034	3.4E-06
85-01-8	Phenanthrene	0.045	4.5E-05
129-00-0	Pyrene	0.029	2.9E-05
71-55-6	1,1,1-Trichloroethane	0.000525	V
526-73-8	1,2,3-Trimethylbenzene	0.00125	V
95-63-6	1,2,4-Trimethylbenzene	0.00303	V
78-93-3	Methyl Ethyl Ketone (2-Butanone)	0.0455	V
67-64-1	Acetone	0.15	V
71-43-2	Benzene	0.000725	V
67-66-3	Chloroform	0.019	V
156-59-2	cis-1,2-Dichloroethylene	0.00153	V
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.000675	V
75-09-2	Methylene Chloride	0.00953	V
127-18-4	Tetrachloroethylene	1.26	V
156-60-5	trans-1,2-Dichloroethylene	0.0018	V
79-01-6	Trichloroethylene	1.5	V

Appendix E, Table 6
Vapor to Outdoor Air EPC Calculations
Health-based Remediation Goal Concentrations - Soil
FUTURE ON-SITE CONSTRUCTION WORKER - CONSTRUCTION WORKER (ADULT)

Human Health Risk Assessment
Building 29 Excavation Area
Parcel A, North Campus

EQUATIONS:

$$EPC_{[VAPOR]} = EPC_{[SOIL]} \times 1/VF \times 1000\ ug/mg$$

where:

$$VF\ (m^3/kg) = Q/C \times (3.14 \times D_A \times T)^{1/2} \times 10^{-4}(m^2/cm^2) / (2 \times P_b \times D_A) \times (1/Fd)$$

and:

$$DA = [(O_a^{10/3} D_i H' + O_w^{10/3} D_w)/n^2] / P_b K_d + O_w + O_a H'$$

ARAMETER/DEFINITION	UNITS	DEFAULT	Source
VF / volatilization factor	m^3/kg	Calculated	
D_A / apparent diffusivity	cm^2/s	Calculated	
Q/C / inverse of the mean concentration at the center of a 0.5-acre-square source	g/m^2-s per kg/m^3	8.49	USEPA, 2014 [a]
T / exposure interval	s	3.15E+07	FUTURE ON-SITE CONSTRUCTION WORKER
Π_b / dry soil bulk density	g/cm^3	1.66	USEPA, 2014
O_a / air-filled soil porosity	L_{air}/L_{soil}	0.321	USEPA, 2014
n / total soil porosity	L_{pore}/L_{soil}	0.375	USEPA, 2014
O_w / water-filled soil porosity	L_{water}/L_{soil}	0.054	USEPA, 2014
Ψ_s / soil particle density	g/cm^3	2.65	USEPA, 1996
D_i / diffusivity in air	cm^2/s	chemical-specific	
H' / Henry's Law constant	dimensionless	chemical-specific	
D_w / diffusivity in water	cm^2/s	chemical-specific	
K_d / soil-water partition coefficient (Koc x foc) organics	cm^3/g	chemical-specific	
K_{oc} / soil organic carbon partition coefficient	cm^3/g	chemical-specific	
f_{oc} / fraction organic carbon in soil	g/g	0.006	Default
Fd / Disperson correlation factor	Unitless	0.185	Default, USEPA 2002

USEPA, 2014. Regional Screening Levels.
[a] Climactic zone: Cleveland, Ohio [a] Area of Source: Specific to size of Exposure Area

CASRN	COPC	Volatile (Y/N)	D_i (cm^2/s)	H' (unitless)	D_w (cm^2/s)	K_d (cm^3/g)	K_{oc} (cm^3/g)	D_A (cm^2/s)	VF (m^3/kg)	EPC Soil (mg/kg)	EPC Vapor (ug/m^3)
7440-50-8	Copper	N									NV
7440-66-6	Zinc	N									NV
11097-69-1	Aroclor-1254	N	4.01E-02	1.16E-02	4.68E-06	7.83E+02	1.31E+05				NV
50-29-3	DDT	N	3.79E-02	3.40E-04	4.43E-06	1.01E+03	1.69E+05				NV
83-32-9	Acenaphthene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
208-96-8	Acenaphthylene	N	5.06E-02	7.52E-03	8.33E-06	3.02E+01	5.03E+03				NV
120-12-7	Anthracene	N	3.90E-02	2.27E-03	7.85E-06	9.82E+01	1.64E+04				NV
56-55-3	Benz[a]anthracene	N	5.09E-02	4.91E-04	5.94E-06	1.06E+03	1.77E+05				NV
50-32-8	Benzo[a]pyrene	N	4.76E-02	1.87E-05	5.56E-06	3.52E+03	5.87E+05				NV
205-99-2	Benzo[b]fluoranthene	N	4.76E-02	2.69E-05	5.56E-06	3.60E+03	5.99E+05				NV
191-24-2	Benzo(g,h,i)perylene	N	5.28E-02	9.65E-08	6.17E-06	1.35E+00	2.25E+02				NV
207-08-9	Benzo[k]fluoranthene	N	4.76E-02	2.39E-05	5.56E-06	3.52E+03	5.87E+05				NV
218-01-9	Chrysene	N	2.61E-02	2.14E-04	6.75E-06	1.08E+03	1.81E+05				NV
206-44-0	Fluoranthene	N	2.76E-02	3.62E-04	7.18E-06	3.33E+02	5.55E+04				NV
86-73-7	Fluorene	N	4.40E-02	3.93E-03	7.89E-06	5.50E+01	9.16E+03				NV
85-01-8	Phenanthrene	N	2.08E-02	5.81E-12	5.19E-06	5.56E+01	9.27E+03				NV
129-00-0	Pyrene	N	2.78E-02	4.87E-04	7.25E-06	3.26E+02	5.43E+04				NV
71-55-6	1,1,1-Trichloroethane	Y	6.48E-02	7.03E-01	9.60E-06	2.63E-01	4.39E+01	1.0E-02	136	0.000525	3.9E-03
526-73-8	1,2,3-Trimethylbenzene	Y	6.13E-02	1.78E-01	8.02E-06	3.76E+00	6.27E+02	2.8E-04	826	0.00125	1.5E-03
95-63-6	1,2,4-Trimethylbenzene	Y	6.07E-02	2.52E-01	7.92E-06	3.69E+00	6.14E+02	3.9E-04	693	0.00303	4.4E-03
78-93-3	Methyl Ethyl Ketone (2-Butanone)	Y	9.14E-02	2.33E-03	1.02E-05	2.71E-02	4.51E+00	3.4E-04	741	0.0455	6.1E-02
67-64-1	Acetone	Y	1.06E-01	1.43E-03	1.15E-05	1.42E-02	2.36E+00	3.1E-04	777	0.15	1.9E-01
71-43-2	Benzene	Y	8.95E-02	2.27E-01	1.03E-05	8.75E-01	1.46E+02	2.1E-03	302	0.000725	2.4E-03
67-66-3	Chloroform	Y	7.69E-02	1.50E-01	1.09E-05	1.91E-01	3.18E+01	4.4E-03	206	0.019	9.2E-02
156-59-2	cis-1,2-Dichloroethylene	Y	8.84E-02	1.67E-01	1.13E-05	2.38E-01	3.96E+01	4.7E-03	200	0.00153	7.7E-03
1634-04-4	Methyl tert-Butyl Ether (MTBE)	Y	7.53E-02	2.40E-02	8.59E-06	6.94E-02	1.16E+01	1.6E-03	339	0.000675	2.0E-03
75-09-2	Methylene Chloride	Y	9.99E-02	1.33E-01	1.25E-05	1.30E-01	2.17E+01	6.8E-03	166	0.00953	5.7E-02
127-18-4	Tetrachloroethylene	Y	5.05E-02	7.24E-01	9.46E-06	5.70E-01	9.49E+01	4.8E-03	199	1.26	6.3E+00
156-60-5	trans-1,2-Dichloroethylene	Y	8.76E-02	1.67E-01	1.12E-05	2.38E-01	3.96E+01	4.7E-03	201	0.0018	9.0E-03
79-01-6	Trichloroethylene	Y	6.87E-02	4.03E-01	1.02E-05	3.64E-01	6.07E+01	5.7E-03	183	1.5	8.2E+00

Calculation of Q/C During Construction
Building 29 Exposure Area

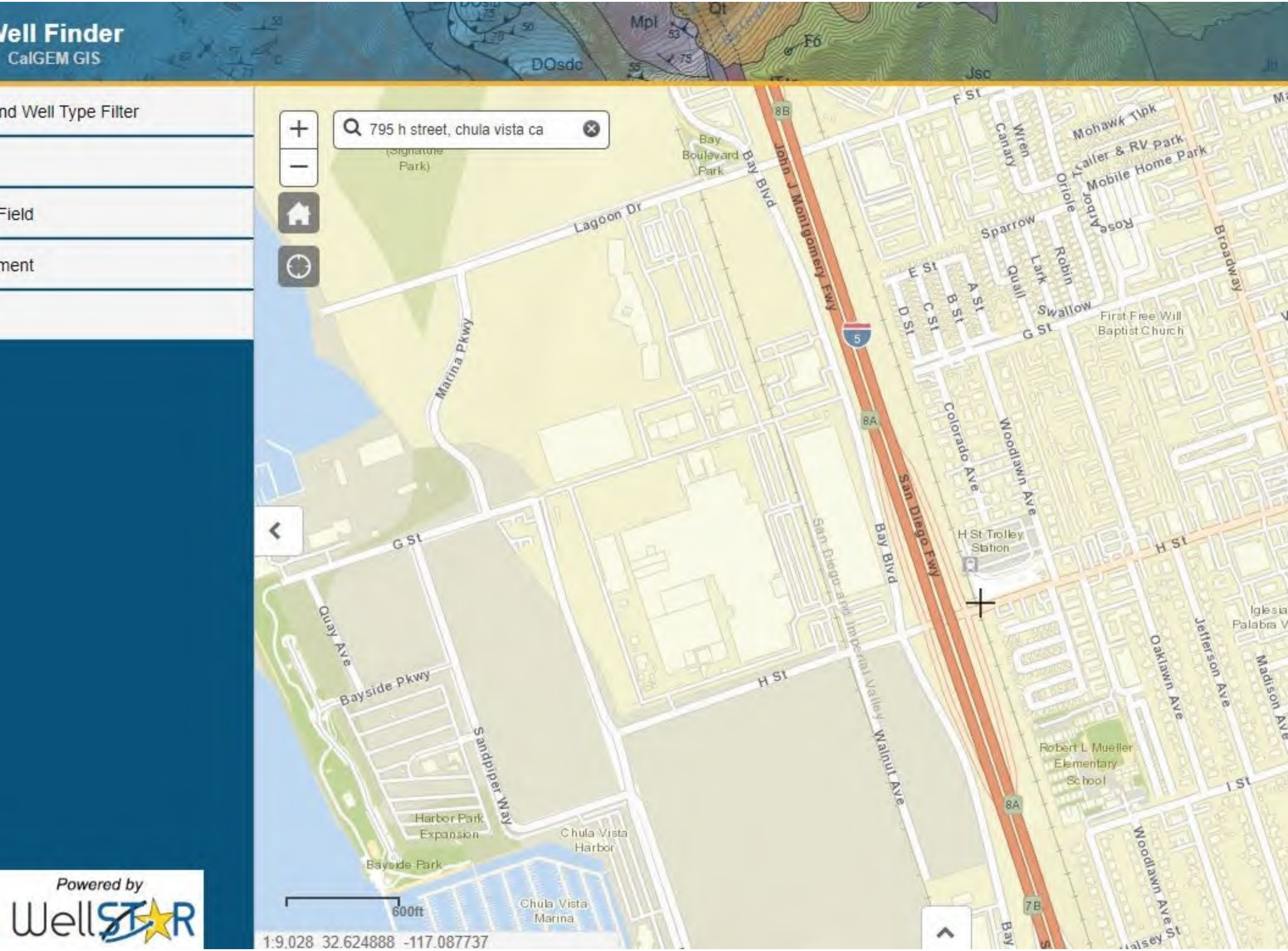
Sources: EPA, 1996. Soil Screening Guidance: Technical Background Document. May.
EPA, 2001. Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites. Peer Review Draft. March.

$Q/C = A \times \exp [(\ln A_{site} - B)^2 / C]$

Where:

Q/C = Inverse of mean concentration at center of source (g/m^2-s per kg/m^2);
A, B, C = Constants based on air dispersion modeling for Los Angeles, CA, from EPA 2001;
A_{site} = Areal extent of site or contamination (acres);

A	B	C	A_{site}	Q/C
2.4538	17.566	189.0426	9.5	8.49


Well Finder
CalGEM GIS
nd Well Type Filter
Field
ment
795 h street, chula vista ca
Bay Boulevard Park
Lagoon Dr
Marina Pkwy
Bay Blvd
John J Montgomery Fwy
San Diego Fwy
8B
8A
7B
5
F St
Mohawk Tlpk
Trailer & RV Park
Mobile Home Park
Wren
Canary
Oriole
Rose Arbor
Sparrow
Quail
Lark
Robin
Swallow
Broadway
First Free Will Baptist Church
E St
D St
C St
B St
A St
G St
Colorado Ave
Woodlawn Ave
H St Trolley Station
H St
Jefferson Ave
Oaklawn Ave
Madison Ave
I St
Robert L Mueller Elementary School
Walnut Ave
San Diego and Imperial Valley
G St
Quay Ave
Bayside Pkwy
Sandpiper Way
Harbor Park Expansion
Bayside Park
Chula Vista Harbor
Chula Vista Marina
600ft
1:9,028 32.624888 -117.087737
Powered by
WellSTAR

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

ENVIROSTOR

Tools | Reports | Community Involvement | How to Use EnviroStor | ESI | DTSC Web

CHULA VISTA (37000027)

SIGN UP FOR EM

BOULEVARD
A, CA 91910
COUNTY
EVALUATION

OFFICE: CLEANUP CYP
CENSUS TRACT: 6073012600
CALENVIROSCREEN PERCENTILE SCORE: 80-85%

Activities | Site/Facility Docs | Map | Related Sites | CalEnviroScreen

mation

TATUS
8 LOCAL AGENCY AS OF 1/31/2001

EVALUATION
PRIORITIES LIST: NO
NE SPECIFIED
SPECIFIED
VERSIGHT AGENCIES:
IFIED

ENVIROSTOR ID: 37000027
SITE CODE:
SPECIAL PROGRAM:
FUNDING: NOT APPLICABLE
ASSEMBLY DISTRICT: 80
SENATE DISTRICT: 18

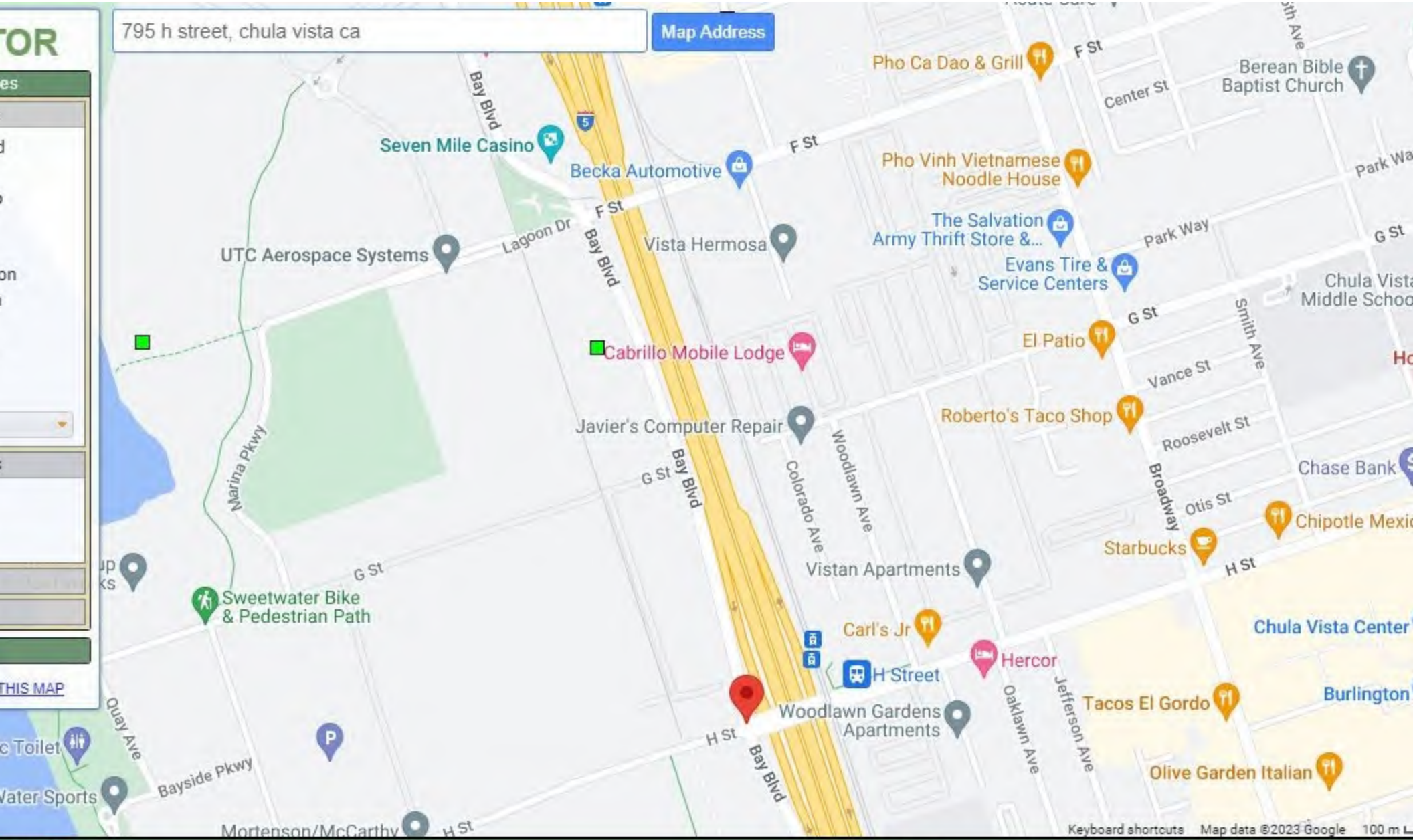
ry Profile

) THAT CAUSED CONTAMINATION
IFIED

CONTAMINANTS OF CONCERN
IFIED

POTENTIAL MEDIA AFFECTED
NONE SPECIFIED

ory



THIS MAP

E ON MAP

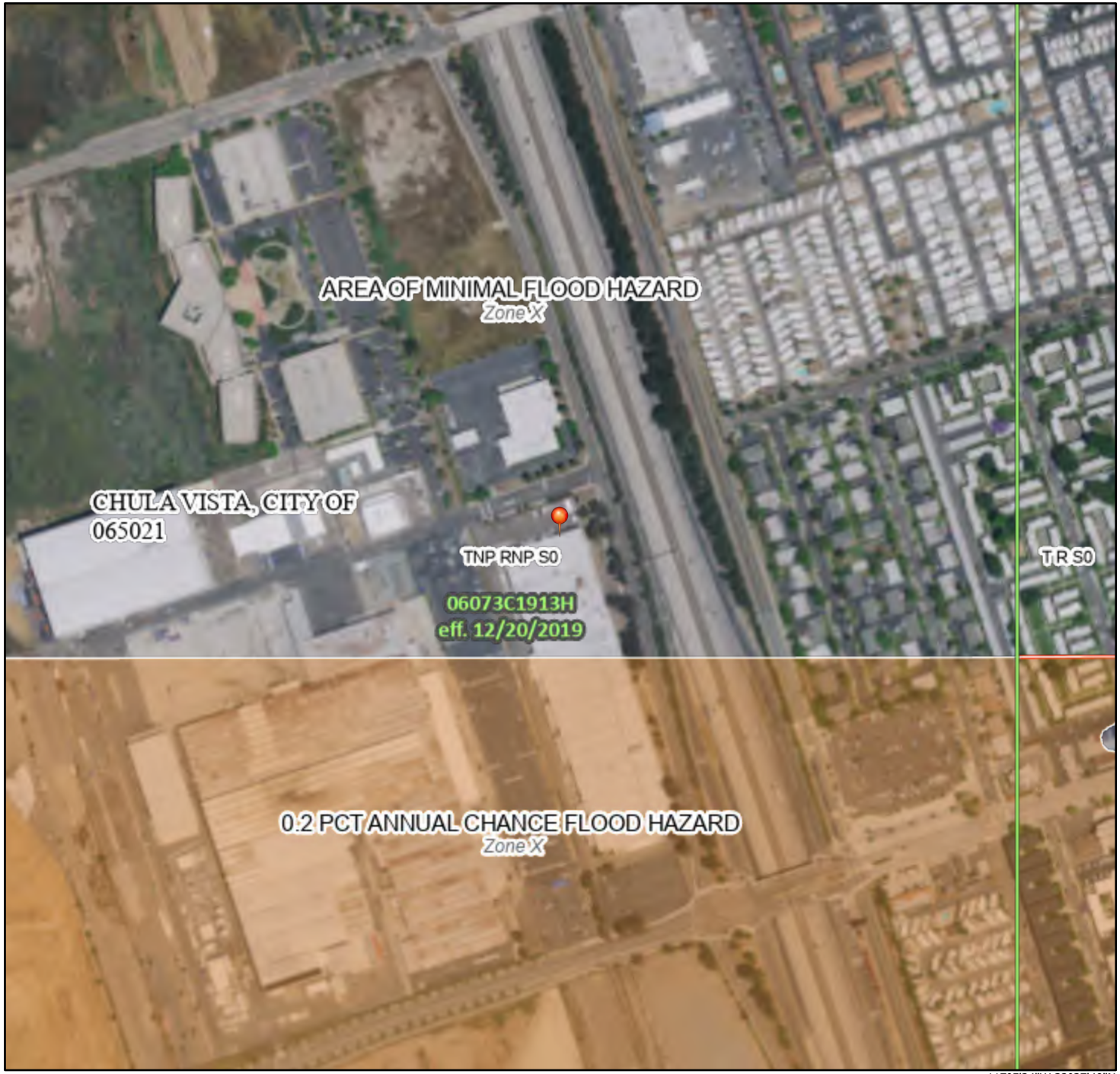
3 SITES LISTED

STATUS	PROJECT TYPE	ADDRESS
REFER: 1248 LOCAL AGENCY	EVALUATION	350-360 BAY BOULEVARD
REFER: LOCAL AGENCY	EVALUATION	965 F STREET
NO FURTHER ACTION	VOLUNTARY CLEANUP	245-255 WOODLAWN AVENUE

National Flood Hazard Layer FIRMette

FEMA

117°6'12"W 32°38'10"N



117°5'34"W 32°37'40"N

Feet 1:6,000

0 250 500 1,000 1,500 2,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/24/2023 at 12:32 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

U.S. Fish and Wildlife Service
National Wetlands Inventory

wetlands

February 25, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

ROHR PARCEL A, NORTH CAMPUS
BUILDINGS 29, 99, AND 100
850 LAGOON DRIVE AND 390 BAY BOULEVARD
CHULA VISTA, CALIFORNIA

Prepared for:

PSIP Wohl Bay Boulevard, LLC

c/o
Penwood Real Estate Investment Management
75 Isham Road, 4th Floor
West Hartford, CT 06107

Wohl Property Group, LLC
2251 San Diego Av., Suite A-247
San Diego, CA 92110

Prepared by:

GSI Environmental Inc.
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Irvine, California 92612
949.679.1070

GSI Job No. 5522
Issued: 27 August 2020

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Rohr Parcel A, North Campus
Buildings 29, 99, and 100
850 Lagoon Drive and 390 Bay Boulevard
Chula Vista, California

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
Rohr Parcel A, North Campus
Buildings 29, 99, and 100
850 Lagoon Drive and 390 Bay Boulevard
Chula Vista, California

COMMON ACRONYMS

µg/L	Micrograms per Liter
AAI	All Appropriate Inquiries
ACBM	Asbestos-Containing Building Material
ACM	Asbestos-Containing Material
AHERA	Asbestos Hazard Emergency Response Act
APCD	Air Pollution Control District
APN	Assessor's Parcel Number
AQMD	Air Quality Management District
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AUL	Activity and Use Limitation
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene and Xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
COC	Contaminant of Concern
CREC	Controlled Recognized Environmental Condition
DOGGR	Division of Oil, Gas, and Geothermal Resources
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
GPR	Ground-Penetrating Radar
HAZNET	Facility and Manifest Data
HREC	Historical Recognized Environmental Condition
HVAC	Heating, Ventilation, and Air Conditioning
HWS	Hazardous Waste Site
LBP	Lead-Based Paint
LCP	Lead Containing Paint
LLP	Landowner Liability Protection
LQG	Large Quantity Generator
LUST	Leaking Underground Storage Tank
MCL	Maximum Contaminant Level
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
MSDS	Material Safety Data Sheet
MTBE	Methyl Tertiary Butyl Ether
ND	None Detected
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFA	No Further Action
NOV	Notice of Violation
NPL	National Priorities List
NTC	Notice to Comply

PHASE I ENVIRONMENTAL SITE ASSESSMENT
Rohr Parcel A, North Campus
Buildings 29, 99, and 100
850 Lagoon Drive and 390 Bay Boulevard
Chula Vista, California

O&M	Operations and Maintenance
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PCE	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene, PERC
pCi/L	Picocuries per Liter
ppb	Parts per Billion
ppm	Parts per Million
PTO	Permit to Operate
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RP	Responsible Party
SLIC	Spills, Leaks, Investigation, and Cleanup
SQG	Small Quantity Generator
SVOC	Semi-Volatile Organic Compound
TCE	Trichloroethylene, Trichloroethene
TPH	Total Petroleum Hydrocarbons
TPHd	Total Petroleum Hydrocarbons (diesel range)
TPHg	Total Petroleum Hydrocarbons (gasoline range)
TPHo	Total Petroleum Hydrocarbons (oil range)
TRPH	Total Recoverable Petroleum Hydrocarbons
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank
VOC	Volatile Organic Compound

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Rohr Parcel A, North Campus
Buildings 29, 99, and 100
850 Lagoon Drive and 390 Bay Boulevard
Chula Vista, California

FINDINGS AND OPINIONS

At the request of PSIP Wohl Bay Boulevard, LLC (PSIP), GSI Environmental Inc. (GSI) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of the ASTM International, Inc., Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Assessment Process (ASTM Standard) for the property identified below and in Figures 1 and 2. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report.

SITE IDENTIFICATION	
Name:	Rohr Parcel A, North Campus
Address:	850 Lagoon Drive and 390 Bay Boulevard
City:	Chula Vista
County:	San Diego
State:	California
Assessor Parcel Number(s):	567-022-30-00 (Building 99 and 100) and 571-330-29-00 (Building 29)

The purpose of the Phase I ESA was to identify Recognized Environmental Conditions (RECs) as defined in the ASTM Standard. It is our understanding that this Phase I ESA has been solicited as part of environmental due diligence activities in connection with a commercial real estate transaction.

This report presents the results of the Phase I ESA and is based on the following:

- Review of the physical setting and Site reconnaissance
- Review of historical information from Sanborn fire insurance maps, topographic maps, aerial photographs, and city directories
- Review of prior Site reports provided to GSI
- Information obtained from owner and/or user interviews
- Review of available agency files including the following:
    - Chula Vista Building Department
    - Chula Vista Fire Department
    - Chula Vista Public Works Department – Industrial Waste
    - San Diego Air Pollution Control District
    - San Diego County Hazardous Materials Management District
    - Department of Toxic Substances Control (DTSC)

- Office of the State Fire Marshal
- Regional Water Quality Control Board, San Diego Region (RWQCB)
- California State Water Resources Control Board GeoTracker website
- California DTSC Envirostor website
- San Diego County Assessor's Office website
- California Department of Conservation, Division of Gas and Geothermal Resources (DOGGR)

- Review of regulatory agency database information for the Site and surrounding properties

The following sections summarize the findings of this ESA for both the Site and pertinent surrounding properties based on review of site reconnaissance information, regulatory agency databases and files, historical information, physical setting information, and existing documents.

The 11.82-acre Site consists of two parcels and is bifurcated by G Street. The Site is a portion of the Rohr aircraft parts manufacturing facility that has been in operation since 1941. The area north of G Street (390 Bay Boulevard; APN No. 567-022-30-00) is 3.12 acres and is occupied by Buildings 99 and 100. The area south of G Street (eastern portion of APN No. 571-330-29-00) is 8.70 acres and is occupied by Building 29. The Building 29 parcel utilized the address of 850 Lagoon Drive which is the Rohr Facility address.

Historical uses of the parcel north of G Street, currently occupied by Buildings 99 and 100, included agricultural, trailer park, a hardware store, possible residences, and Lawless and Valley Detroit Diesel (repair of semi-trucks). Rohr purchased the property in 1986, with Buildings 99 and 100 already existing, and conducted non-manufacturing activities in this area. Building 99 has not been occupied since approximately 2018. This building was previously used for human resources, training, gym, medical services, and a print shop. Building 100 is currently utilized for R&D. Prior to Rohr's purchase of the property, the building was utilized for servicing trucks and three service bays and a sump were in the building.

Historical uses of the parcel south of G Street, currently occupied by Building 29, included agricultural and possible residences. Additionally, Haley & Aldrich, Inc. (HAI) opined in a 2016 Phase I ESA that a lumber yard may have existed at the Site; the City Directory list obtained for this ESA identified Bay Surplus Boxes at 426 Bay Boulevard; it is possible that the neatly stacked materials identified on aerial photographs, which were interpreted as possible lumber, actually are related to the Bay Surplus Boxes. Former Building 28 was constructed by 1945, and was used as a warehouse, and demolished by the early 2000s. Building 29 was built in four phases, starting from the south in about 1957. The majority was completed by 1962. Building 29 previously housed the Maintenance Department (northern third of the building to approximately Door 29-20), tooling with a machine shop, and offices. Recent to 2013, operations were primarily manufacturing related. Operations in the central portion of Building 29 are being shut down; this area currently houses some after-market equipment.

During the Site reconnaissance, six monitoring well covers were observed near the northeast corner of Building 99. These are likely wells that were installed during a 1998/1999 Deep Boring Investigation conducted by URS. A wastewater aboveground storage tank (AST) was observed in Building 29 in the vicinity of the R&D laboratory. Most of the features identified at Building 29 during previous Phase I ESAs are no longer present at the Site.

Several historical features were identified at the Site in information compiled by others including underground storage tanks (USTs), underground vessels, ASTs, clarifiers, paint booths, sumps, and degreasers. With the exception of the 500-gallon wastewater AST observed at the Site, these have all been removed or are inactive (Haley & Aldrich, 2020a). A list of historical features is included in Table 1 of HAI's Conceptual Site Model (CSM) in Appendix C.

The primary regulatory oversight agency was San Diego County Department of Environmental Health (SDCDEH) prior to 1998, when the Site was transferred to the RWQCB and a Corrective Action Order (CAO) was issued. Site investigation activities date back to at least 1986. Primary findings include volatile organic compound (VOC) impacts to groundwater, soil vapor, and indoor air and limited arsenic-affected soil.

No off-Site properties are judged to have impacted environmental conditions at the Site.

Recognized Environmental Conditions

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

This Phase I ESA has revealed the following RECs in connection with the Site:

- Arsenic in soil at Building 29 - Arsenic was detected at concentrations above background at three locations (B29-02, B29-03, and B29-07) at the Building 29 parcel. Step-out borings were advanced at these locations (HAI, 2020b). Two of the step-out borings around boring B29-03 (B29-03A and -03B) and two around B29-07 (B29-07A and -07B) contained arsenic above the background level of 8 milligrams per kilogram (mg/kg) established for South Campus, but below its groundwater protection level (GPL). The arsenic concentration exceeded its GPL in one soil sample (B29-07A).The arsenic results, in combination with other soil data collected around the northern portion of Building 29, indicate that the distribution of arsenic above screening levels is not constrained.
- Limited polychlorinated biphenyls (PCBs) in soil at Building 29 - PCBs were detected at concentrations above the commercial/industrial screening level (SL) at one location (B29-05) in Building 29. PCBs were detected in the step-out borings around B29-05; however, concentrations were below commercial industrial SLs. Based on the information reviewed, PCB impacts appear to be discrete and limited in extent.
- VOCs in soil, groundwater, soil vapor, and indoor air – VOCs, primarily trichloroethene (TCE), are present beneath the Site in soil, soil gas, and groundwater. Analytical results from B29-23 and B29-24 suggest that there are sources of TCE in soil beneath the former Maintenance Department of Building 29. TCE is present in Zone A and Upper Zone B groundwater beneath the Former Maintenance Department at concentrations that exceed the maximum contaminant level (MCL). TCE was detected in soil vapor samples across the Site at concentrations up to 3,000,000 micrograms per cubic meter ($\mu g/m^3$) (HAI, 2020b). HAI concluded that this data suggest there may be residual sources in soil beneath the building. TCE was measured in indoor air in Building 29; concentrations were below response action levels for workers, but additional screening and engineering controls were recommended by HAI.

- Mills and Lathes - VOCs were detected in soil samples from 7 of the 12 borings advanced at and near the former mills and lathes. Tetrachloroethene (PCE) and TCE were reported in soil samples from some borings. Although none of the detected concentrations were present above the commercial/industrial SLs or GPLs, the presence of volatile constituents in soil could suggest these constituents exist in soil vapor at concentrations exceeding vapor intrusion environmental screening levels (VI-ESLs).
- Metals in groundwater - Dissolved metals (antimony, arsenic, and thallium) concentrations exceeded MCLs at some on-Site groundwater sampling locations. Although groundwater at the Site is not utilized as a drinking water source, there is no information in the publicly available regulatory record that beneficial uses of groundwater, at and in the vicinity of the Site, were re-designated to exclude use of groundwater for potable purposes.

Controlled Recognized Environmental Conditions (CRECs)

CRECs are defined in the ASTM Standard as *"a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls."*

This Phase I ESA has revealed no evidence of CRECs in connection with the Site.

Historical Recognized Environmental Conditions (HRECs)

HRECs are defined in in the ASTM Standard as *"a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls."* [1]

This Phase I ESA has revealed no evidence of HRECs in connection with the Site:

***De minimis* Conditions**

De minimis conditions are defined in the ASTM Standard as: *"a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions or controlled recognized environmental conditions."*

This Phase I ESA has revealed the following de minimis conditions in connection with the Site:

- Six monitoring well covers were observed near the northeast corner of Building 99 during the Site reconnaissance. These wells appear to be related to a 1998/1999 investigation. Reportedly, the six wells and two borings were installed in this area during that investigation. The wells/borings should be properly abandoned if not in use.

[1] If the Site has received closure in the past, but a review of the closure information indicates that Site conditions do not meet unrestricted/residential land use standards, the Site is no longer considered an HREC, and must be identified as an REC.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Rohr Parcel A, North Campus
Buildings 29, 99, and 100
850 Lagoon Drive and 390 Bay Boulevard
Chula Vista, California

1.0 INTRODUCTION

This Phase I environmental site assessment (ESA) was conducted to fulfill ASTM International, Inc. (ASTM) Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Standard) and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property identified below (Site; Figures 1 and 2).

SITE IDENTIFICATION	
Name:	Rohr Parcel A, North Campus
Owner:	Rohr, Inc., a Collins Aerospace Company (Rohr)
Address:	850 Lagoon Drive and 390 Bay Boulevard
City:	Chula Vista
County:	San Diego
State:	California
Assessor Parcel Number(s):	567-022-30-00 (Buildings 99 and 100) and 571-330-29-00 (eastern portion; Building 29)

1.1 Purpose of the ESA

The purpose of the ESA was to identify Recognized Environmental Conditions (RECs) as defined in the ASTM Standard. It is our understanding that this Phase I ESA has been solicited as part of environmental due diligence activities in connection with a commercial real estate transaction.

1.2 Limitations

GSI has completed this Phase I ESA in accordance with generally accepted environmental property assessment practices applicable at the time and location of the assessment. This Phase I ESA is not and should not be construed as a warranty or guarantee, expressed or implied, regarding the presence or absence of environmental contaminants that may affect the Site. All findings, opinions, and conclusions reported in this Phase I ESA are based on conditions and available information existing at the time of the assessment. No independent verification of the information provided to GSI was made. While GSI has no reason to doubt the accuracy of the information provided, this report is accurate and complete only to the extent that information provided to GSI was itself accurate and complete. Site conditions and regulations (local, state, tribal, and federal) can change over time. Therefore, changes in Site conditions, available information, and/or regulations may alter the findings, opinions, and conclusions of this Phase I ESA.

1.3 Non-Scope Considerations

Non-scope considerations include environmental issues or conditions that may warrant additional assessment but are outside the scope of the ASTM Standard. Environmental issues that are considered non-scope considerations are summarized in the ASTM standard and include but are

not limited to; asbestos-containing building materials (ACBM), indoor air quality, lead-based paint, mold, and radon. GSI was not retained to evaluate non-scope considerations as part of this ESA.

1.4 User Reliance

This report and all related correspondence has been prepared exclusively for use by PSIP Wohl Bay Boulevard, LLC (PSIP), Penwood Real Estate Investment Management, and Wohl Property Group, LLC (collectively "User"), and may not be relied upon by any other person or entity without the express written permission of GSI and PSIP. Without express written permission of both GSI and PSIP, no third parties shall have any rights of recourse or recovery under course of action against GSI, its officers, employees, subcontractors, vendors, or successors.

2.0 SITE DESCRIPTION

GSI contracted with Environmental Data Resources (EDR) to compile physical setting information (included in the Radius Report; Appendix A) that was used in combination with information obtained during Site reconnaissance, historical document review, interviews with the Site owner representatives during reconnaissance, review of regulatory agency records, and review of prior Site reports provided to GSI to produce a description of the Site and its physical setting.

The Site is occupied by two parcels and is bifurcated by G Street. Identifying information for each parcel is provided below.

Area	Buildings	APN No.	Acreage	Address
North of G Street ("Building 99 parcel")	Buildings 99 and 100	567-022-30-00	3.12 acres	390 Bay Boulevard (parcel specific address)
South of G Street ("Building 29 parcel")	Building 29	571-330-29-00 (Eastern portion only)	8.70 acres	850 Lagoon Drive (Rohr Facility address)

The Site is a small part of a large aircraft parts manufacturing facility (referred to herein as the "Rohr Facility"). The Rohr Facility address is 850 Lagoon Drive. Many of the documents reviewed as part of this Phase I included information about the entire Rohr Facility or sub-areas of the Rohr Facility. The Site is situated on the "North Campus" of the Rohr Facility and comprises "Parcel A".

2.1 Site Physical Description

SITE DETAILS	
Physical Description:	Office space and manufacturing buildings with associated parking.
Roads:	G Street, which runs northeast-southwest, bifurcates the Site
Parking Facilities:	Asphalt lots
Site Zoning:	Commercial/Industrial
Vicinity Zoning:	Commercial/Industrial
Site Size (acres):	11.82
Current Property Use:	Office space and manufacturing
Surface Drainage Direction:	Surface drainage generally slopes to the west and southwest.

BUILDING 29 DESCRIPTION	
Number of Buildings:	1 of 3
Building Age:	Constructed in phases between 1957 and 1962
Building Details	Spread footings foundation; corrugated metal on steel frame structure; single story with partial mezzanine
Basements:	none
Building Square footage:	281,597
Building Occupants:	Currently some laboratory workers and laborers
Building Operations:	Offices, tooling, laboratory, after-market storage, photo lab
Building Interior Hazardous Substance Use or Presence:	Currently, hydraulically powered crane systems are located on the southern and northern portions of the building
Building Exterior Hazardous Substance Use or Presence:	Currently, hydraulic fluid is located on the northern exterior end of the building

BUILDING 99 DESCRIPTION	
Number of Buildings:	2 of 3
Building Age:	Constructed in 1980
Building Details	Spread footing foundation, concrete exterior; wood frame superstructure; single-story
Basements:	none
Building Square footage:	35,560
Building Occupants:	Not occupied since approximately 2018. Previously used for human resources, training, gym, and medical services.
Building Operations:	Offices
Building Interior Hazardous Substance Use or Presence:	None identified
Building Exterior Hazardous Substance Use or Presence:	None identified

BUILDING 100 DESCRIPTION	
Number of Buildings:	3 of 3
Building Age:	Constructed in 1980
Building Details	Spread footing foundation, concrete exterior; wood frame superstructure; single-story
Basements:	none
Building Square footage:	2,800
Building Occupants:	Currently less than five laboratory workers.
Building Operations:	Currently houses a laboratory. This building was used for truck maintenance before Rohr purchased it. After it was purchased by Rohr it was used for research and development.
Building Interior Hazardous Substance Use or Presence:	A small oil/water separator is located in the laboratory for use with the laboratory equipment.
Building Exterior Hazardous Substance Use or Presence:	None identified.

SITE UTILITIES	
Sewage:	City of Chula Vista
Electricity:	San Diego Gas & Electric
Potable Water:	Sweetwater Authority
Heating System:	Yes
Cooling System:	All buildings are air conditioned.
Gas:	San Diego Gas & Electric
Other:	A stormwater culvert runs adjacent to railroad tracks located along the western border of the Site.

2.2 Surrounding Properties

SURROUNDING PROPERTIES	
Direction	**Address and Use**
North:	Undeveloped Land (owned by Rohr)
East:	Highway 5, railroad right-of-way (ROW), residences, and Trolley Transit Center.
South:	H Street and parking lot (part of the Rohr Facility)
West:	Railroad ROW, parking lots, and Building 1 (part of the Rohr Facility)

2.3 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

The Site is located at an elevation of approximately 22 feet above mean sea level (EDR Radius Report, 2020) and is relatively flat. Topographic maps indicate that there is a slight slope to the southwest, in the direction of the shoreline. The closest surface water body is San Diego Bay, located less than 1 mile to the west of the Site.

Numerous subsurface investigations have been conducted on the Site and the surrounding area. The summary of the lithological findings below is based on the description of Site geology and hydrogeology in the 2020 Conceptual Site Model published by Haley & Aldrich, Inc. (HAI, 2020b).

The Site is immediately underlain by the Bay Point Formation, which extends to approximately 150 feet below ground surface (bgs). The on-Site portion of the Bay Point Formation consists of heterogeneous, interbedded silts and clays with sand and gravel layers and lenses. The Bay Point Formation is underlain by a low-conductivity clay unit starting at 125 to 150 feet bgs with a thickness of 20 to 65 feet. This unit is referred to as the “clay aquitard” and is described as consisting of a blue-gray estuarine clay, though the color varies across the Site. The clay aquitard is underlain by an interval of coarse sands, gravels, and cobbles at least 20 feet thick and attributed to the San Diego Formation. Below this interval of coarse-grained soils are a series of discontinuous lenses of sands, silts, and clays to a depth of at least 400 feet bgs.

First-encountered groundwater has been found to range between 10 and 18 feet bgs at the Site (URS, 2015). The main groundwater-bearing zone within the Bay Point Formation is referred to in Site literature as “Zone B” and extends from approximately 25 feet bgs to approximately 125 feet bgs, or the top of the clay aquitard. This zone is further split into an upper and lower zone with a dividing line between 55 and 70 feet bgs. Groundwater is also present in the coarse-grained unit at the top of the San Diego Formation.

Groundwater monitoring wells indicate that groundwater flow in Zone B is generally to the west with a gradient of 0.0005 to 0.0007 feet per foot in the upper zone and 0.002 to 0.0007 feet per foot in the lower zone. The vertical gradient between the upper and lower zones is typically

upward. Tidal studies in the upper zone indicate that this groundwater bearing zone is tidally influenced, though the magnitude is minimal on Site because of its location east of the historical shoreline.

3.0 SITE RECONNAISSANCE

A Site reconnaissance was performed on 9 June 2020 to observe current Site conditions and identify and document potential notable environmental conditions. GSI representatives Samantha Curtis and Becky Chen were accompanied through portions of the Site by Richard Siordia, Environmental Health and Safety (EHS) Manager for Rohr. Mr. Siordia has been employed at the facility since 1987 and has worked in the environmental department since approximately 1989.

In Building 29, photographs were limited to areas where no equipment was stored within the northern 1/3 of the building due to ongoing operations.

The Sections below describe the Site and adjoining property uses, and observations during the reconnaissance. Photographs taken during the Site reconnaissance are included in Appendix B.

3.1 Current and Past Site Use

According to Mr. Siordia, when he began his employment at the Site in approximately 1989, Building 29 was utilized for equipment maintenance on the northern end, though the presence of hydraulic lifts is unknown. A tooling area and paint booth were located in the center of Building 29. Building 99 and 100 were used for a business that repaired trucks. A smaller building (Building 28) located in the southern parking lot of Building 29, was utilized for office space. The location of this building is shown on a plot plan in Appendix C (Adrian Brown, 1998).

Mr. Siordia noted that to his knowledge, there were no designated hazardous waste storage areas, and all wastes were collected and transferred off Site to the South Campus for disposal. All transformers at the Site were retrofitted in the 1990s and do not contain polychlorinated biphenyls (PCBs).

Current uses of the property are summarized below.

Building 99

Building 99 has not been occupied since approximately 2018. This building was previously used for human resources, training, gym, medical services, and a print shop. At the time of the Site walk, the building had been completely cleaned out and no furniture or equipment remained. No evidence of hazardous waste storage or significant stains or spills were observed in Building 99 during the Site reconnaissance (photographs #1 through #4, Appendix B). Six groundwater monitoring wells are located in the parking lot to the north of Building 99.

Building 100

Building 100 has three large bay doors and is currently utilized for research and development (R&D), including a laboratory. According to Mr. Siordia, prior to Rohr's purchase of the property, the building was utilized for servicing trucks and three service bays and a sump were located in the building. No evidence of sumps or hydraulic equipment were observed during the Site reconnaissance. No hazardous waste storage or significant stains or spills were observed in Building 100 during the Site reconnaissance; small quantities of janitorial chemicals are stored in a cabinet in the building (photograph #7, Appendix B).

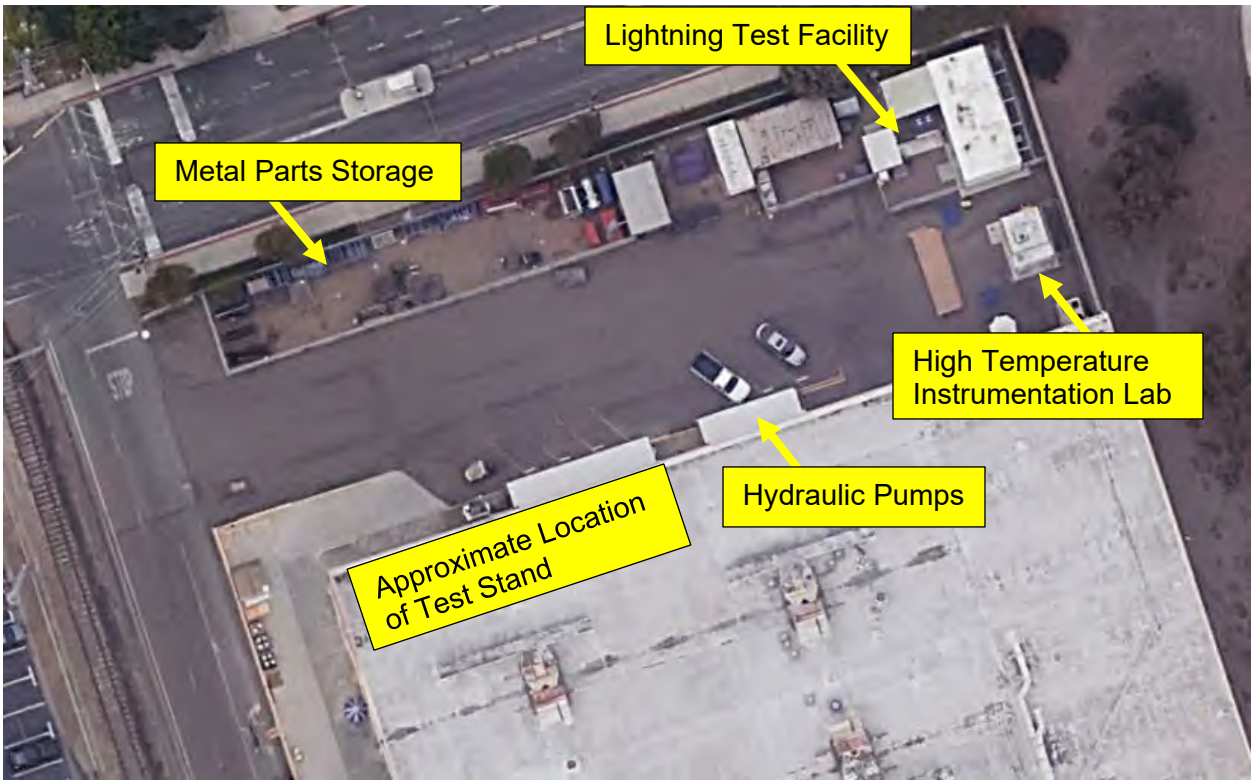
Building 29, moving from northern end (G Street) to the southern end (H Street)

The yard on the northern end of Building 29 includes parking as well as an enclosure for metal storage, and several small locked portable units that include a "Lightning Test Facility"(photograph #11) and a "High Temperature Instrumentation Lab" (photograph 10).

Historically, the northern portion of the building was utilized for equipment maintenance, but in the late 1990s to early 2000s R&D and a test laboratory was added to the maintenance area.

Hydraulic pumps are located on the mezzanine platform immediately outside the northern door 29-3. Hydraulic oil is utilized to run the "Test Stand", located immediately inside the northern door 29-3, within the "Structures Lab". The Test Stand is a large piece of steel equipment that measures approximately 75 feet long, 15 feet wide, and 20 feet high, set into a recess in the floor that is approximately 6 feet deep. The Test Stand is utilized to conduct stress tests on equipment to evaluate whether there are potential flaws (photographs #12 and #13).

Approximate Location of Features on Northern End of Building 29 (aerial photograph source: Google Earth, 2020)



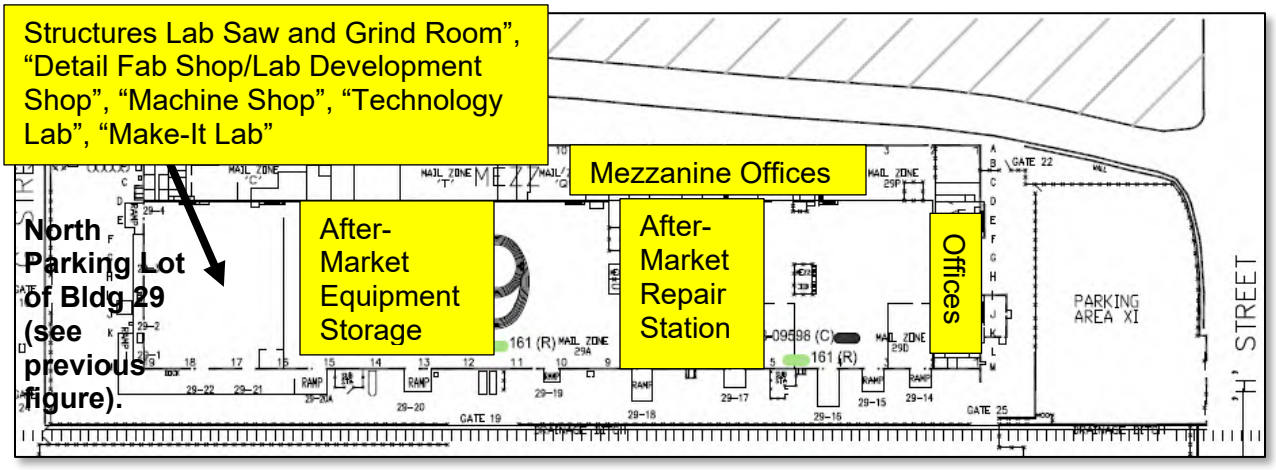
The "Structures Lab Saw and Grind Room", "Detail Fab Shop/Lab Development Shop" and "Machine Shop" are located to the south of the main Structures Lab (photographs #14 and #15). Several metal machining stations, and several empty drums are located within the Machine Shop.

The "Technology Lab" or R&D "Make-It Lab" is located to the south of the Structures Lab and completes the northern 1/3rd of Building 29. A polyethylene wastewater aboveground storage tank (AST) is located in the vicinity of the laboratory, within secondary containment (photograph 16).

The central portion of Building 29 is in the process of shutting down and currently houses some after-market equipment. A paint booth was historically present in this area but was reportedly moved to the southern portion of the building. No evidence of significant stains or spills was observed in the area.

The south-central area of Building 29 is vacant but was historically utilized for tooling and most recently was identified as the "Aftermarket Repair Station" (photographs #18 through #21). In the early 1990s "Blanchard Grinders" and lathe machines were utilized in this area and Graymills degreasing units, approximately 6 square feet in area and 2 feet in height, were used to store the waste from the machines. These degreasing units were emptied by maintenance personnel and the waste fluid was stored on the South Campus for disposal until approximately the year 2000. Concrete in the south-central area of Building 29 shows evidence of areas where heavy equipment workstations had been present and removed. The concrete was patched at the surface identifying areas where the base of equipment may have extended below the current surface.

General Locations of Features in Building 29 (Base figure from URS, 2013)



A large Coordinate Measuring Machine (CMM) room is located in the south-central portion of Building 29, where high-level measurements were conducted. The CMM rested on granite blocks that did not expand or contract due to heat or cold. This equipment had been removed prior to the Site reconnaissance and the CMM room was empty. No stains or evidence of spills were evident in the CMM room.

Immediately adjacent to the CMM room to the south was the historical location of a paint booth that had been moved from the central portion of the building. The paint booth has been removed and no evidence of significant stains or spills was observed in the area.

The southern portion of Building 29 is primarily vacant (photograph #23), with some equipment that is being dismantled, including "Water Jet" equipment used to cut aluminum rings (FlowWaterjet.com). This area has most recently been used for "spin-form" operations where large aluminum plates are cut, heated, and rolled to create large parts. Vacant offices are present on the far southern portion of the building, adjacent to the vacant southern parking area. Drums

were present in the vicinity and were visually observed to contain sand that has been removed from the Water Jet in preparation for removal.

Mr. Siordia identified a small tool repair area where “small parts cleaning” was previously located, near the location identified as an “underground vessel” in the 2016 Phase I ESA (labeled as feature 204 on Figure 3; HAI, 2016a). No evidence of an underground vessel or former parts cleaning operations were visible at the time of the Site reconnaissance.

The parking lot of Building 29 once included Building 28, which, according to Mr. Siordia, was a raised building used for administrative tasks, but dismantled in the early 2000s.

The eastern portion of the building includes a second story (or mezzanine) where offices were located. The offices have been vacated and all equipment and furniture have been removed.

The eastern, frontage along Bay Boulevard is lined with shrubs and grass. One fence-enclosed area, approximately 6 feet by 12 feet is present along the building and is filled with debris (photograph #33).

3.2 Site Observations

Observations of Site conditions that may indicate the likelihood of an REC in connection with the Site are discussed in the following Sections. If the observation is indicated with a “yes”, additional information related to that item is included following the table.

3.2.1 General Site Observations

GENERAL OBSERVATIONS	YES	NO
Hazardous Substances and Petroleum Products in Connection with Identified Uses	X	
Stains or Corrosion	X	
Storage Tanks	X	
Wells (dry, irrigation, injection, monitoring, abandoned)	X	
Drains, Sumps, Clarifiers	X	
Odors		X
Pools of Liquid		X
Drums	X	
Hazardous Substance and Petroleum Products Containers (Not Necessarily in Connection with Identified Uses)		X
Unidentified Substance Containers		X
Air Emissions		X
Equipment that may Contain Polychlorinated Biphenyls (PCBs)	X	
Pits, Ponds, or Lagoons (Site or adjoining)		X
Stained Soil or Pavement		X
Stressed Vegetation from Something other than Insufficient Water		X
Solid Waste, Construction Debris, Trash Mounds	X	
Wastewater, Storm Water, Discharged Water	X	
Septic Systems, Cesspools, Sewer	X	
Heating/Cooling System	X	
Stains or Corrosion		X

A description of Site observations is provided below.

- Hazardous Substances and Petroleum Products in Connection with Identified Uses
    - Currently, hydraulic fluid is utilized in the northern portion of Building 29. Hydraulic pumps are located on the mezzanine platform immediately outside the northern door 29-3. Hydraulic oil is utilized to run the “Test Stand”, located immediately inside the northern door 29-3, within the “Structures Lab”.
    - In Building 29, large hydraulic track-mounted crane equipment is present across the Structures Lab, which was utilized to move equipment such as engines to the “Test Stand” for testing.
    - A paint booth was historically present in the central portion of Building 29 but was reportedly relocated to the southern portion of the building immediately adjacent to the CMM room. The paint booth is no longer present in the southern portion of Building 29 No evidence of significant stains or spills was observed in either area where the paint booth was previously located.
    - The south-central area of Building 29 is vacant but was historically utilized for tooling and most recently was identified as the “Aftermarket Repair Station”. In the early 1990s “Blanchard Grinders” and lathe machines were utilized in this area and Graymills degreasing units, approximately 6 square feet in area and 2 feet in height, were used to store the waste from the machines. These degreasing units were emptied by maintenance personnel and the waste fluid was stored on the South Campus for disposal until approximately the year 2000.
- Stains or Corrosion
    - Concrete in the south-central area of Building 29 shows evidence of areas where heavy equipment workstations had been present and removed. The concrete was patched at the surface identifying areas where the base of equipment may have extended below the current surface.
    - A small tool repair area was identified in the southern portion of Building 29 where “small parts cleaning” was conducted. This was near a location identified as an “underground vessel” (location 204) in the 2016 HAI Phase I ESA. No evidence of an underground vessel or former parts cleaning operations were visible at the time of the Site reconnaissance.
- Storage Tanks (current or removed)
    - A polyethylene wastewater AST is located in the vicinity of the R&D laboratory in Building 29.
- Wells (dry, irrigation, injection, monitoring, abandoned.)
    - Six well boxes were observed in the northern Building 99 parking lot. The locations of these well boxes are consistent with locations of four monitoring wells shown on Figure 3 of the 2016 HAI Phase I ESA (Appendix C).
- Drains, Sumps, Clarifiers
    - The location of a historical sump was identified during the Site visit in the vicinity of door 29-15 of Building 29, however Mr. Siordia noted that the sump had been removed and closed as a UST. Evidence of subsurface sampling locations was

observed in the area surrounding the removed sump (observed borings V19, B29-35A, B and C; Map ID 3-09596 on Figure 3 of HAI, 2020b).

- Drums
    - In the southern portion of Building 29, immediately adjacent to the CMM room, two 55-gallon drums were presently stored on pallets and labeled “on hold pending analysis” and “soil cuttings VB20” and “concrete slurry”.
    - Several empty drums are located within the Machine Shop of Building 29.
- Equipment that may Contain PCBs
    - During Site reconnaissance, transformers were observed on the western side of Buildings 99 and 29. A list of transformers present at the Site is included in the 2016 Phase I ESA. However, Mr. Siordia noted that all transformers at the Site were retrofitted in the 1990s and currently do not utilize PCBs.
- Solid Waste, Construction Debris, Trash Mounds
    - The eastern, frontage road along Bay Boulevard is lined with shrubs and grass. One enclosed area, approximately 6 feet by 12 feet is present along the building and is filled with debris.
- Wastewater, Storm Water, Discharged Water
    - A drainage swale is located adjacent to the rail tracks along the western border of the Site.
- Septic Systems, Cesspools, Sewer
    - Mr. Siordia noted that in the last 10 years all sewer drains have been plugged and capped with concrete within Building 29. The plumbing associated with the sewer drains remains beneath the building.
- Heating/Cooling System – Heating and cooling systems were identified outside of both Building 29 and Building 99 on the west. The following information was presented in the 2016 Phase I ESA (HAI, 2016a):
    - Buildings 99 and 100 utilize direct expansion packaged units.
    - Building 29 utilizes chilled water from cogeneration absorption chiller and electric chillers to air handling units, and hot water from a penthouse boiler to the air handling units.

3.2.2 Previous Site Features Not Observed

As noted above, the facilities on Parcel A are only partially utilized at this time, and various features not observed during GSI’s reconnaissance previously existed at the Site. A list of historical features, including sample locations, a paint booth, ASTs, and underground vaults is provided in the Conceptual Site Model (CSM; HAI, 2020b) and the 2016 Phase I (HAI, 2016a). The potential for these features to impact environmental conditions at the Site and constitute RECs is discussed further in Sections 5.1.1 and 7.0 of this ESA.

4.0 HISTORICAL INFORMATION

GSI contracted with EDR to compile historical documents for the Site and surrounding area to develop an understanding of the history of the Site. The following historical data sources were compiled and are included in the Appendices:

- Sanborn fire insurance maps (Appendix D),
- United States Geological Survey (USGS) topographic maps (Appendix E),
- Aerial photographs (Appendix F), and
- City directories (Appendix G)

Pertinent historical information is incorporated in the Summary of Findings (Section 7.0).

Historical Source	Available Dates
Sanborn Fire Insurance Maps (SFIM)	SFIM covering the Site were not found through EDR, but maps of the west-adjacent property from 1918 and 1926, and 1950 were available in a 2013 Phase I (URS, 2013).
USGS Topographic Maps (USGS)	15-minute topographic map series: 1904, 1930, and 1991 7.5-minute topographic map series: 1943/1944, 1953, 1967, 1975, 1996, and 2012
Aerial Photographs (AP)	AP from the following dates were obtained from EDR: 1949*, 1953, 1964, 1966, 1970, 1979, 1985, 1989, 1994, 2005, 2009, 2012, and 2016. Additional AP from the following dates were obtained from Geotracker[2]: 1939, 1945, 1953, 1957, 1964, 1965, 1970, 1974, 1978, 1986, and 1998.
City Directories (CD)	1956, 1960, 1965, 1971, 1975, 1979, 1982, 1986, 1992, 1995, 2000, 2005, 2010, 2014, and 2017

* Photograph of poor quality and not included in our review.

Subject Property

Historical sources show that the Site was likely undeveloped as late as 1930. The 1930 topographic maps show small structures present on Site, south of G Street. Small commercial/industrial buildings and structures and possible residences were present on the central portion of the block between G and H Streets by 1944; HAI opined that operations may have included a lumber yard based on the presence of orderly stacked materials (HAI, 2016a). The City Directory identified Bay Surplus Boxes at 426 Bay Boulevard; it is possible that the neatly stacked materials identified on aerial photographs actually are related to the Bay Surplus Boxes entity. According to the City Directory, a warehouse for Rohr Aircraft Corp was located on the portion of the Site along H Street by 1956.[3]. Building 29 was constructed between 1957 and 1962 (HAI, 2016a) and occupied approximately three-quarters of the block. This area remained roughly in the same configuration until the building along H Street was removed between 1994 and 2005.

[2] https://geotracker.waterboards.ca.gov/profile_report?global_id=SL209294204
[3] The 1956 City Directory also lists a restaurant at 426 Bay Boulevard; it is not known if this entity was located directly on the Site.

The portion of the Site north of G Street was used for agriculture possibly as early as 1945 until it was developed between 1953 and 1956 into Harbor Trailer Park and a hardware manufacturing business, listed in historical City Directories as Duvall Co hardware manufacturing. The trailer park and other structures were replaced with the current buildings (Buildings 99 and 100) between 1975 and 1978, which housed Lawless Detroit Diesel and Valley Detroit Diesel as recently as 1986. According to a 2016 Phase I by HAI, this parcel was purchased by Rohr in 1986 and has since housed non-manufacturing activities (HAI, 2016a).[4]

Surrounding Properties

The surrounding properties were largely used for agriculture prior to development. Interstate 5 was built parallel to the northeast Site boundary across Bay Boulevard between 1949 and 1953 with the area beyond gradually filling in with residential and small commercial/industrial developments by 1985. The property to the northwest was first developed between 1949 and 1953 and housed various commercial/industrial activities, such as a wrecker yard, pump and compressor supply, and veterinary hospital. This block was completely vacant by 2005.

The southwestern property boundary bordered a rail line as early as 1904, as shown on topographic maps, through to the present. As early as 1918, International Magnesite Company, a magnesite manufacturer, was located on the other side of the rail line. By 1926, R&H Tyce, a building material manufacturer was also present. In 1941, the area began to be used for manufacturing generally for the aviation and aerospace industry (Adrian Brown, 1998), and became the sole operation on these properties by 1959 (URS, 2013). The southeast-adjacent property was developed as a surface lot as early as 1953 and has remained a surface lot to the present.

Details of the historical review are tabulated below.

[4] The 1986 City Directory shows Valley Detroit Diesel as the occupant of the Site. There is no listing for 390 Bay Boulevard on subsequent City Directory listings.

Historical Summary (SFIM, USGS, and AP)			
Year	**Source**	**Site Description**	**Adjacent Site Description**
1904	USGS	A street (likely G Street) runs northeast-southwest through the Site, and the Site appears otherwise undeveloped	A street grid is shown to the north, east, and southeast with some structures. A Coronado Railroad line is shown along the southwestern edge of the Site. A pier or dock is shown on the bay margin to the west beyond the rail line. Undeveloped bay margin and marsh are shown over most of the area to the west and southwest.
1918	SFIM	Not shown	International Magnesite Company, a magnesite manufacturer, is shown on the parcel to the west of the Site. A mill and calcination area are shown.
1926	SFIM	Not shown	In addition to International Magnesite Company, R.&H. Tyce, a building material manufacturer, is now shown on the parcel to the west. Building operations shown include a laboratory and paint shop.
1930	USGS	At least two structures are shown on the Site between G and H Street.	An additional rail line is shown paralleling the street along the northeastern Site boundary. More structures are shown to the north, east, and southeast. Structures and additional streets are near the bay margin and marshes to the west and south of the Site. The pier or dock directly to the west of the Site is no longer present.
1939	AP	Small structures (possibly residences) are present on the portion of the Site nearest H Street, while the remaining space between G and H Street appears to be used for agriculture.	Small structures that appear to be residential are present southwest and south of the Site. Undeveloped marshland and bay margin are west of the rail line along the northwest Site boundary. Industrial buildings, likely associated with International Magnesite Company and R.&H. Tyce are also present northwest of the Site near G Street.
1943/1944	USGS	Additional structures are shown on the Site between G and H Street.	Increasing density of structures and streets to the north, east, and southeast. Street and structure configurations to the west and south of the Site have changed but remain similar in density.
1949	AP	South of G Street, observations from north to south: undeveloped, commercial/industrial with several structures and materials/equipment storage, small structures (possibly residential) surrounded by large plots of land, large building surrounded by parking lot along H Street. The portion of the Site north of G Street appears to be used for agriculture.	Agricultural land is shown across the street and rail line to the northeast of the Site, beyond which are potentially trailer parks. Additional agricultural land is shown to the northwest and portions near the bay margin appear undeveloped. Large industrial buildings, two large aboveground storage tanks (ASTs), and smaller nearby buildings are shown to the west and south. Small structures and a parking lot or car storage yard are shown on the property to the southeast.
1950	SFIM	Not shown	R.&H. Tyce has been replaced by Pioneer Pyrophylite Manufacturing Co., which includes grinding and mixing rooms. Aircraft Engineering Service is also shown on the parcel to the west of the Site and includes multiple machine shops and a plating shop.

1953	AP, USGS	The configuration of the commercial/industrial buildings at the central portion of the Site has changed slightly.	Interstate 5 is present along the northeastern Site boundary beyond Bay Boulevard. Beyond the street, highway, and rail line, some of the agricultural land has been converted into subdivisions, trailer parks, and an industrial yard. Some agricultural land to the southwest has been developed for commercial or industrial use. Additional structures are evident alongside the large industrial buildings to the west and south. The car storage area to the southeast has expanded
1957	AP	South of G Street, a large, industrial building is present in the central portion of the block, with smaller buildings and structures along Bay Boulevard and between the large building and G Street. The area north of G Street is not clearly shown.	Most of the agricultural land to the northeast has been developed into trailer parks, residential buildings, and commercial/industrial buildings. Commercial/industrial operations to the west have been expanded. Areas north of the site are not clearly visible.
1964, 1965	AP	South of G Street, the large, industrial building is present across the northern three-quarters of the block between G and H Street with smaller buildings and structures shown between the northern portion of the building and Bay Boulevard. A trailer park, parking lot, and single commercial/industrial building are present on the Site north of G Street.	The agricultural land to the northeast continues to be developed into trailer parks, residential buildings, and commercial/industrial buildings. Commercial/industrial operations to the northwest have been expanded. The bay has been filled in such that the bay margin extends farther west. Previous undeveloped bay margin to the northwest has been converted to agricultural land. Additional small buildings and structures are shown around the large industrial buildings to the west and south. The car storage area to the southeast has expanded.
1966, 1967	AP, USGS	No change	Agricultural land to the northeast has been further developed into residential and commercial/industrial buildings. Additional commercial/industrial buildings and structures are shown to the west and south. No substantial changes are evident on the properties adjacent to the northwest and southeast. A sewage disposal area is labeled on the 1967 USGS topographic map.
1970	AP	The large industrial building present south of G street has been expanded to its current configuration (Building 29). Most of the small buildings and structures along Bay Boulevard are no longer present.	The areas to the northeast have been redeveloped for residential and commercial/industrial purposes. No agricultural land use is apparent. The large, industrial building to the west of the Site has expanded and other buildings have been added to the west and south of the Site. An additional commercial/industrial building is shown on the property to the northwest. No substantial changes are evident on the southeast-adjacent property.
1974, 1975	AP	All small buildings and structures along Bay Boulevard are no longer shown.	No change.

1978, 1979, 1985, 1986	AP	The trailer park and parking lot north of G Street have been replaced by two commercial/industrial buildings. Buildings 99 and 100 are present on the portion of the Site north of G Street is their current configuration.	During the period of the APs, more infill residential and commercial/industrial development has occurred. By 1985, the large, industrial building to the west is in its current configuration
1989, 1991	AP, USGS	Two additional buildings are shown in the northwestern corner of the Site, northwest of Building 99[5].	The northwest-adjacent property is shown as vacant. A portion of the agricultural land to the northwest is shown as a surface lot. No substantial changes are shown on other adjacent properties.
1994	AP	The two buildings in the northwest corner are no longer shown.	The agricultural land and surface lot to the northwest have been developed with the current commercial/industrial building, parking structure, and some surface lots. No substantial changes are shown on other adjacent properties.
1996, 1998	AP, USGS	No change.	No change
2005	AP	The Site is shown in its current configuration with the removal of the building along H Street.	The northwest-adjacent block is in its approximate current configuration. Around the large industrial building to the west, many smaller buildings, structures, and the two large ASTs are no longer shown. Most of the smaller structures are no longer shown on the property to the south. No substantial changes are shown on other adjacent properties.
2009	AP	No change	A surface lot is shown in place of the large, industrial building to the south and the surrounding smaller buildings. No substantial changes are shown on other adjacent properties.
2012	AP, USGS	No change	The property to the west is shown in its current configuration. No substantial changes are shown on other adjacent properties.
2016	AP	No change	The commercial/industrial building and parking structure to the northwest are shown in their current configuration. No substantial changes are shown on other adjacent properties.

City directory listings were provided by EDR at approximately 5-year intervals from 1956 to 2017. Addresses that appeared to be associated with the Site included 388 to 452 Bay Boulevard and 850 Lagoon Drive. Of the on-Site tenants shown in the city directory listings, the following are potentially associated with industrial activities or hazardous material use based on the business name:

[5] Based on a Coastal Development permit dated 2 May 1989, these structures were temporary trailers that were permitted to be on Site for 3 years (City of Chula Vista, 1989).

Historical City Directory Summary		
Address	**Year**	**Directory Listing**
850 Lagoon Drive	2005 2005-2017	Tolo Inc. Goodrich Aerostructures/Goodrich Aerostructures Group/Goodrich Corp/Goodrich Corp Aerostructure Group
390 Bay Boulevard	1956-1965 1979-1986	Duvall Co hdw mfr Valley Det Dies All/Lawless Detrt Diesl
444 Bay Boulevard	1956-1965	Rohr whse/CorpArchitectural Div/Rohr Aircraft Corp whse

Directory listings were also provided for addresses within a block of the Site. The following are potentially associated with industrial activities or hazardous material use based on the business name:

Historical City Directory Summary		
Address	**Year**	**Directory Listing**
330 Bay Boulevard	1960-1965	Standard Elec Contracting Inc
338 Bay Boulevard	1960-1965	Bannister Steel Inc
340 Bay Boulevard	1960 1975-1986	Kuebler Constsn Co cabt shop Thermo King
344 Bay Boulevard	1960	Beaver Machine & Tool Co aircraft parts
350 Bay Boulevard	1956 1971-1986	Casey Constn Co Jacksons Import Auto
360 Bay Boulevard	1956-1960 1965-1986	B&H Metal Co A&R Used Truck Prts/A&R Used Auto Parts wreckers
368 Bay Boulevard	1956-1960 1965 1971-1986	Mansell Marine Inc South Bay Marine boat sls & repr SD Pump & Cmprssr Spl

5.0 OWNER/USER PROVIDED INFORMATION AND INTERVIEWS

The following owner and user provided documentation was utilized in this Phase I ESA.

5.1 Documents

PSIP provided access to a document repository containing many historical documents for the Site and the Rohr Facility. The following reports were deemed to have relevant information and were reviewed in preparation of this Phase I ESA:

- Woodward Clyde, 1998, Data Compilation and Evaluation Report, Rohr, Inc., Chula Vista, California, 27 May.
- URS, 2013, Phase I Environmental Site Assessment, UTAS – Chula Vista, 850 Lagoon Drive, Chula Vista, California 91910, 2 April.
- URS, 2015, Supplemental Remedial Investigation Report, Rohr, Inc. – North Campus, 850 Lagoon Drive, Chula Vista, California, 30 April.
- HAI, 2016a, ASTM Phase I Environmental Site Assessment, Rohr, Inc., Property IDs 7 and 15, Chula Vista, California, 21 July.

- HAI, 2016b, Phase II Environmental Site Assessment, Rohr IDs 7 and 15 (Eastern Portion), Building 99 and 29, 850 Lagoon Drive, Chula Vista, California, 8 December.
- HAI, 2018a, Phase II Environmental Site Assessment, Buildings 99 and 29, 850 Lagoon Drive, Chula Vista, California, 10 January.
- HAI, 2018b, Sub-Slab and Focused Soil Vapor Work Plan, Rohr, Inc. – Eastern Parcels, Buildings 29, 99 and 100, Chula Vista, California, 7 May.
- HAI, 2018c, Sub-Slab and Focused Soil Vapor Survey Report, Rohr, Inc. – Eastern Parcels, Buildings 29, 99 and 100, Chula Vista, California, 6 September.
- HAI, 2018d, Indoor Air Screening Technical Memorandum, Rohr, Inc., – Building 29, Chula Vista, California, Geotracker ID: T0000011095, 31 October.
- HAI, 2020a, Conceptual Site Model, Rohr, Inc. – North Campus, 850 Lagoon Drive, Chula Vista, California, Geotracker ID: T0000011095, 3 April.
- HAI ,2020b, Data Gap Assessment Report, Rohr, Inc., Parcel A, Building 29, Chula Vista, California, 13 May.[6]

Additionally, several of these reports reference the following report, which was not provided by the User, but was obtained from Geotracker and incorporated into this section:

- Adrian Brown, 1998, ASTM Phase I Site Assessment, B.F. Goodrich Aerospace, Foot of "H" Street, 4 June.

Some of the above reports pertain to the larger Rohr Facility or the North Campus portion of the facility, which include the Site. Information included in these reports that is pertinent to the Site is summarized below. Excerpts from these documents are included in Appendix C, as relevant to the discussion below.

5.1.1 Site Operations and Environmental Features

The Rohr facility has been in operation since 1941, primarily manufacturing structural and engine components for aircraft. A brief history of the Rohr Facility expansion is provided in the HAI Phase I (HAI, 2016a):

> *Rohr began operating on the Bayfront in 1941, at which time Buildings 1 and 2 were constructed and other buildings followed in response to business growth and an increased demand for aircraft components and other manufacturing business lines including light rail trains, buses, large array antennas, and other products. The expansion of the Chula Vista facility was accomplished in part by incrementally expanding its footprint onto dredged fill areas that extended into San Diego Bay. By 1969, the combined plant area included 47 buildings totaling more than two million square feet of factory, warehouse, and office space (Bodhi 2013). In the late 1980s, Rohr purchased the agricultural properties just to the northwest of Rohr ID 7* [Building 99 parcel] *to construct its corporate office complex (Building 107). The final area ultimately occupied by Rohr extended between F Street (Marina Parkway) on the north, J Street (Marina Parkway) on the south and west, and Bay Boulevard to the east. In 1999, Goodrich (who had acquired Rohr), the City, and the San Diego Unified Port District*

[6] Note that HAI initially published the Data Gap Assessment Report on 18 February 2020; however, the version of this report posted on Geotracker is dated May. It appears that these two documents contain the same information.

(Port) entered into a Relocation Agreement, by which portions of Goodrich-owned property south of H Street were transferred to the Port in exchange for transfer of tidelands north of H Street to Goodrich.

Entities that have owned and operated the Site include Rohr, Inc., BF Goodrich, United Technologies Aerospace Systems, and Collins Aerospace.

Historical uses of the parcel north of G Street, currently occupied by Buildings 99 and 100, included agricultural, trailer park, possible residences, and Lawless and Valley Detroit Diesel (repair of semi-trucks). Rohr purchased the property in 1986, with Buildings 99 and 100 already existing, and conducted non-manufacturing activities in this area.

Historical uses of the parcel south of G Street, currently occupied by Building 29, included agricultural, residences and a possible lumber yard. Former Building 28 was constructed by 1945, and was used as a warehouse, and demolished by the early 2000s. Building 29 was built in four phases, starting from the south in about 1957. The majority was completed by 1962.

The previous Phase I ESAs describe past uses of the buildings at the Site as follows:

Building 29: Previously housed the Maintenance Department (northern third of the building to approximately Door 29-20), tooling with a machine shop, and offices. Recent to 2013, operations were primarily manufacturing and included the following:

- Vibration testing
- Machine shop
- Test area
- After Market Spares warehouse
- Service center and FAI repairs
- Storage
- Tool calibration
- Product development
- Offices and training
- Photo Lab
- Technical/Metallurgy Labs
- Kitting activities

Building 99 – Administrative functions (e.g., payroll, human resources, reproduction, offices, conference/meeting rooms).

Building 100 – Test Lab

The previous Phase I ESAs identified several then-current or historical environmental features at the Site that included USTs and underground vessels, ASTs, paint booths, degreasers, mills and lathes, and drainage swales. The HAI 2020 Conceptual Site Model included a table that includes each feature and the status, and whether potential associated chemicals of concern (COCs) are present above groundwater protection limits (GPLs) and/or DTSC commercial/industrial screening levels in soil (HAI, 2020a). This table and figures showing the location of the listed

features is included in Appendix C. According to the CSM table, a 1,345-gallon machining coolant UST (Blanchard Grinder, Map ID3-09598) at Building 29 and four USTs (10,000-gallon gasoline, 10,000-gallon diesel, 1,000-gallon waste oil, and 100-gallon waste solvent) at Building 100 received regulatory closure. The "former vessels and vaults" were identified as an REC in the 2016 Phase I ESA. With the exception of some of the mills and lathes, sampling was conducted at these features during HAI's Phase II investigation (HAI, 2016b). Data from this and previous investigations in the vicinity of these features did not identify concentrations of COCs in soil above GPLs or commercial/industrial screening levels. Subsequently, additional investigation was conducted at the mills and lathes, this is discussed further below.

None of the previously identified storage tanks/vessels, paint booths, degreasers, or equipment identified on the HAI table were observed during the Site visit, with the exception of the 500-gallon R&D Lab Collection AST. Two clarifiers in Building 29 are listed as "inactive" in the HAI table and the status of one sump in Building 100 is listed as "unknown". These were not observed during the Site visit; it is unknown if they remain at the Site. According to Mr. Rick Siordia, there are no active clarifiers in Building 29 and no active sumps in Building 100.[7]

A transformer summary table in the 2013 URS Phase I ESA lists six transformers associated with Building 29; there is a notation for three of them indicating they were retrofitted on 25 April 1992. Reportedly, there is no PCB-containing equipment used on Site (URS, 2013); this was confirmed by Mr. Siordia.[8]

According to the 2013 URS Phase I ESA, degreasers are reported to use or have used products comprised of acetone, chlorofluorocarbons, methylene chloride, perchloroethene (PCE), and 1,1,1-trichloroethane (1,1,1-TCA). The URS Phase I also states:

> *"Historically the facility used TCE and 1,1,1-TCA as its primary degreasing solvents. TCE use was phased out in about 1973, and replaced by 1,1,1-TCA. 1,1,1-TCA was used at the facility until the late 1990s, at which time it was replaced by water-based degreasers, such as Spray Clean 12, a non-hazardous aqueous alkaline cleaner to clean parts of oil and grease prior to painting. MEK, MIBK and acetone have also been used for this purpose."*

An extensive storm water conveyance system, which includes drainage features beneath Building 29, is present at the Rohr Facility that drains to two outfalls to San Diego Bay (Adrian Brown, 1998). Surface water at the Site flows west to a drainage swale that conveys water to the SWCS.

5.1.2 Regulatory Status

The North Campus of the Rohr Facility, which includes the Site, is primarily under the regulatory oversight of RWQCB. Cleanup and Abatement Order No. 98-08 (CAO) was issued in March 1998 and specified a schedule for several initial activities to be completed. Rohr met these deadlines and continues to address soil and groundwater impacts under this CAO. Prior to issuance of the CAO, San Diego County Department of Environmental Health (SDCDEH) provided oversight, which was primarily related to UST permitting, investigation, and closure. The DTSC oversees permitting for waste treatment, storage, and disposal. A draft of CAO No. R9-2020-0099, entitled An Order Directing Rohr and Goodrich Corporation to Clean Up or Abate the Effects of Waste

[7] Email from Rick Siordia, of Collins, to Gino Bianchi-Mosquera, of GSI and Bob Scott, of HAI, 17 August 2020.
[8] Ibid.

Discharged from the Rohr/Goodrich North Campus Property for the North Campus , that will supersede CAO 98-08, was issued on 3 July 2020.

5.1.3 Environmental Investigations

This section provides a summary of the primary environmental investigations that have been conducted at the Site. Where available, copies of site maps that show sampling locations and analytical results are presented in Appendix C. Note that data generated from the investigations discussed below generally have been compared to applicable regulatory screening levels for a commercial/industrial use of the Site. The data evaluation and resulting conclusions may not be applicable for a residential (unrestricted) Site use.

1986 Building 99 Due Diligence Investigation (Woodward-Clyde, 1998)

In 1986, McLaren Hart conducted a groundwater investigation as part of due diligence activities prior to Rohr's purchase of the property, which was formerly occupied by Valley Detroit Diesel Allison (Woodward Clyde, 1998). Four monitoring wells were installed near the eastern and western property boundaries (MW-A through MW-D). The following constituents were detected in soil at depths ranging from 8.5 to 10 feet bgs: total recoverable petroleum hydrocarbons (TRPH; 11 to 27 milligrams per kilogram [mg/kg]), 1,4-dichlorobenzene (0.02 to 0.03 mg/kg), toluene (0.06 to 0.10 mg/kg), ethylbenzene (0.02 mg/kg), and total xylenes (0.11 to 0.17 mg/kg). MW-A, located along the upgradient property boundary, contained the following: TRPH (0.1 milligram per liter [mg/L]), toluene (2 micrograms per liter [µg/L]), and chloroform (4 µg/L). Downgradent wells MW-B through MW-D contained TRPH (0.06 to 0.27 mg/L), toluene (2 to 3 µg/L), total xylenes (1 µg/L), bromodichloromethane (4 to 14 µg/L), chloroform (15 to 23 µg/L), dibromodichloromethane (4 to 7 µg/L), 1,1-dichloroethane (5.9 µg/L), methylene chloride (5.6 µg/L), and TCE (1 µg/L). Rohr destroyed the wells in 1996, with approval from the SDCDEH.

1998/1999 Deep Boring Program (URS, 2013)

URS conducted a deep boring program in 1998/1999 to assess the subsurface geology and hydrogeology of the San Diego formation in support of re-designation of the groundwater basin uses from beneficial to non-beneficial. Five monitoring wells were installed on the Building 99 parcel (screen intervals are indicated in parentheses): DB-2 (180 to 200 feet bgs), DB-4 (424 to 484 feet bgs), DB-5 (182 to 202 feet bgs), OW-3 (10 to 30 feet bgs) and OW-4 (60 to 80 feet bgs). Two pressure transducers were also installed in separate grouted boreholes to monitor changes in pressure within the aquitard during aquifer testing: OW-1 (150 feet bgs) and OW-2 (168.5 feet bgs). Wells/boreholes DB-2, DB4, OW-2, and OW-4 are shown of Figure 3 of the 2016 HAI Phase I, which is included in Appendix C (note that six wells were observed northeast of Building 99 during the Site reconnaissance). There is no information in the publicly available regulatory record that beneficial uses of groundwater at and in the vicinity of the Site were re-designated.

Blanchard Grinder UST Closure (HAI, 2020b)

The former Blanchard Grinder was located in the tooling area in the southern portion of Building 29. In 1999, URS Greiner Woodward-Clyde drilled borings adjacent to the underground structure and analyzed soil samples for TRPH. TRPH were not detected and the SDCDEH approved in-place closure of the former Blanchard Grinder.

2005 San Diego Gas and Electric (SDG&E) Undergrounding Project (URS, 2013)

In 2005, SDG&E planned a project (OMPPA Transmission Project) to underground the overhead high-voltage line that crossed the parking lot areas of the facility from north to south. BF Goodrich, the facility owner at the time, filed a stay with the California Public Utilities Commission (CPUC)

to modify construction procedures described in the Environmental Impact Report because planned trenching below the groundwater table and dewatering could affect migration of a TCE plume at the Rohr Facility. SDG&E's consultant and URS conducted soil and groundwater sampling. Two borings (B11 and B15) were located on the Site near Building 29. TCE was detected in the groundwater sample collected from boring B15, located near the northwest corner of Building 29 at a concentration of 3.3 µg/L. Based on TCE concentrations detected in borings B4 and B5,located downgradient of the Site, it was concluded that there may be a source of TCE in the vicinity of the northern portion of Building 29. Groundwater modeling was conducted by both SDG&E and URS; the CPUC deemed the effects of the construction dewatering not significant and SDG&E's project proceeded as planned.

2013 Supplemental Remedial Investigation (URS, 2015)

URS performed a supplemental remedial investigation as part of due diligence activities when United Technologies Corporation (UTC) acquired Goodrich Corporation. The investigation was across the North Campus area of the facility. As part of this investigation, six borings were advanced in the drainage swale adjacent to the west (downgradient) of the Site (two west of the Building 99 parcel [UT-02 and UT-03] and eight west of the Building 29 parcel [UT-18 to -21 and UT-66]). Additionally, one boring was advanced near the former Blanchard Grinder (UT-22) and three borings were advanced in the former maintenance area of Building 29 (UT-23 to -25). Results indicated the following:

- PCBs were detected at concentrations up to 770 micrograms per kilogram (µg/kg), above industrial/commercial screening levels, in one of four soil samples collected in the drainage swale downgradient from the Building 99 parcel.
- VOCs were detected in groundwater at two locations within the maintenance area of Building 29 and near the Blanchard Grinder. TCE concentrations exceeded commercial/industrial screening levels at one location (UT-23) in the former maintenance area.
- TPH was detected in groundwater from two borings (UT-19 and UT-21) at concentrations of 860 and 1300 µg/L, respectively.

2016 Phase II ESA (HAI, 2016b and 2018)

HAI conducted a Phase II ESA to further assess RECs identified in its 2016 Phase I ESA. These RECs included:

- North of G Street (referred to as Rohr ID 7):
- Former sump – soil sampling west of the sump identified no soil impacts, but groundwater was not sampled
- Historical agricultural property use
- Possible presence of PCBs – PCBs were detected by URS in a drainage swale west of this parcel (boring UT-02)
- South of G Street (referred to as Rohr ID 15)
- Former vessels and vaults – each former vessel or vault was considered an REC
- Possible historical use as a lumber yard that may have included wood treating

- Former depression on northern quarter of the parcel observed on a 1948 aerial photograph
- Former maintenance area – possible use of oils and solvents
- Former mills and lathes – photographs showed fluid on the floor
- TCE in downgradient groundwater and potential vapor intrusion risk – TCE was detected in groundwater west of the northern portion of Building 29 at 1,000 to 2,000 µg/L
- Historical agricultural property use

In June 2016, HAI advanced 25 soil borings (4 on the Building 99 parcel and 21 on the Building 29 parcel) and analyzed 49 soil and 9 grab groundwater samples. Tables and figures presenting the data and sampling locations are included in Appendix C. HAI compared the soil data to residential and commercial industrial screening levels (SLs). Groundwater data was compared to maximum contaminant levels (MCLs) and environmental screening levels for vapor intrusion (VI ESLs). Results indicated the following:

- Soil:
    - Metals (with the exception of arsenic), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and organochlorine pesticides (OCPs) were not detected above SLs.
    - Arsenic exceeded background concentrations in shallow soil at three locations (B29-02, B29-03, and B29-07) in the northern portion of the Building 29 parcel.
    - PCBs exceeded residential and commercial screening in one soil sample (B29-05) located in the former Maintenance Department area of Building 29 at 2 feet bgs.
    - Polycyclic aromatic hydrocarbons (PAHs) exceeded residential SLs at two locations but were below commercial/industrial SLs at all locations;[9] HAI opined that PAHs were likely attributable to the presence of petroleum hydrocarbons.
- Groundwater:
    - TCE concentrations exceeded the residential VI ESLs at three locations (four samples) in the vicinity of the former Maintenance Department and exceeded the commercial industrial VI ESL at two locations
    - Concentrations of other VOCs exceeded MCLs at three locations
    - SVOCs were not detected in groundwater samples
    - Dissolved metals (antimony, arsenic, and thallium) concentrations exceeded MCLs at six locations

<u>2018 Vapor Intrusion Assessments (HAI, 2018b, c, and d)</u>

In May 2018, HAI performed sub-slab sampling and a focused soil vapor survey in preparation for sale of the property. Twenty-six sub-slab sampling probes were installed: 6 beneath Building

[9] Data was originally reported in HAI's 2016 Phase II ESA report (HAI, 2016b). The report was subsequently revised and submitted to the RWQCB in HAI's 2018 Phase II ESA report. Between 2016 and 2018, screening levels for some of the PAHs increased. In the 2018 report, data was compared to the new screening levels, which is reflected herein.

99, 3 beneath building 100, and 17 beneath Building 29. Additionally, 8 soil vapor probes were installed around the northern portion of Building 29 to identify possible TCE sources to groundwater. VOCs detected in the sub-slab samples included TCE, PCE, cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), 1,1,1-TCA, chloroform, benzene, toluene, ethylbenzene, and xylenes (collective referred to as BTEX) and styrene. TCE was detected in 10 of 17 locations beneath Building 29 (42 to 920,000 micrograms per cubic meter [µg/m^3]). The highest concentrations were detected in the northwest corner (former Maintenance Department). TCE was only detected in one sample in each of Buildings 99 and 100 at concentrations of 32 and 30 µg/m3, respectively. The commercial/industrial screening level (0.03 attenuation factor) is 100 µg/m^3).

TCE was detected in all but one of the soil vapor samples at concentrations up to 3,000,000 µg/m^3. It was concluded that this data suggests there may be residual sources in soil beneath the building.

Subsequently, an indoor air screening program was conducted in September 2018. Indoor air was screened for total VOCs using a photoionization detector (PID) and for TCE using a Hapsite gas chromatography/mass spectrometer (GC/MS). HAI concluded that, "TCE screening results were less than the 8 µg/m^3 EPA Region 9 Indoor Air Response Action Level for TCE, also identified by DTSC as the commercial/industrial worker accelerated response action level assuming an 8-hour workday," and that results were likely influenced by building ventilation and indoor chemical usage (HAI, 2018d). Additionally, some slab penetrations appeared to be serving as preferential pathways for subsurface vapor intrusion. HAI recommended the following:

- Seal cracks, utility trench plate perforations, and conduits.
- Conduct a targeted rescreening at locations with TCE screening results above 3 µg/m^3 after sealing potential preferential pathways to confirm its effectiveness in reducing TCE in indoor air.
- Conduct indoor air screening during the winter to evaluate the effect of closed doors on indoor air quality.
- Maintain ventilation consistent with the conditions observed during the indoor air screening event and improve ventilation as necessary when doors are closed, and the building is occupied.

2020 Data Gap Assessment (HAI, 2020b)

In January 2020, HAI conducted a data gap assessment to support development of a human health risk assessment and soil remedial action plan and to further characterize VOCs present in groundwater present at the Site. Sampling included step-out sampling at three locations where arsenic was above background (B29-02, B29-03, and B29-07) and one location where PCBs were above the commercial/industrial screening level (B29-05), soil and groundwater sampling to identify potential TCE sources, and soil and groundwater sampling in the vicinity of the former mills and lathes. HAI advanced 32 soil borings and analyzed 68 soil samples and 11 groundwater samples. Data tables and figures are included in Appendix C. Results are summarized below:

> *Step-Out Borings*: Two of the step-out borings around boring B29-03 (B29-03A and -03B) and two around B29-07 (B29-07A and -07B) contained arsenic above the background level of 8 mg/kg established for South Campus, but below its GPL. The arsenic concentration exceeded its GPL in one soil sample (B29-07A). The arsenic results, in combination with other soil data collected around the northern portion of Building 29, indicate that the distribution of arsenic above screening levels is not constrained.

PCBs were detected in the step-out borings around B29-05; however, concentrations were below commercial industrial SLs. From the data that was generated, it appears that PCBs in soil may not be widespread.

Mills and Lathes: PCBs were detected in one soil sample (B29-33B) at concentrations below the commercial/industrial screening levels. VOCs were detected in soil samples from 7 of the 12 borings. PCE was reported in soil samples from four borings (B29-33A, B29-33B, B29-33C and B29-35C) at concentrations up to 0.323 mg/kg. TCE was reported in four borings (B29-32A, B29-32B, B29-32C and B29-33B) at concentrations up to 0.173 mg/kg. None of the detected concentrations were present above the commercial/industrial SLs or GPLs; however, the presence of volatile constituents in soil suggest these constituents may exist in soil vapor at concentrations exceeding VI-ESLs.

Source of TCE: TCE was detected in soil samples collected from 10 of 11 borings in the former Maintenance Department at concentrations ranging from 0.00228 to 37.8 mg/kg. Two samples exceeded the commercial/industrial screening level and one exceeded the GPL. Other VOCs, including PCE, were detected in soil samples; however, concentrations were below screening levels. HAI designated the borings in the Maintenance Department from which soil samples contained elevated concentrations of TCE as "Source Identification Borings" (HAI, 2020b).

Groundwater: TCE was detected in five borings (B29-23, B29-28, B29-30, B29-33C, B29-25C) at concentrations ranging from 1.52 to 1490 µg/L; concentrations in four of the borings exceeded MCLs and concentrations in two of the borings exceeded the commercial/industrial VI ESL. Cis-1,2-DCE was detected in three borings at concentrations ranging from 0.478 to 32 µg/L; concentrations in two of them exceeded the MCL. Chloroform was detected in three borings at concentrations ranging from 0.357 to 56.6 µg/L); concentrations in two of them exceeded the commercial/industrial VI ESL but were below the MCL. Other VOCs were detected, but concentrations were below screening levels. No metals were detected at concentrations exceeding the MCLs.

HAI concluded the following:

- Arsenic was detected in soil at concentrations above the GPL at one step-out boring (B29-07A).
- PCBs were not detected in soil at concentrations above the DTSC-SLs at the step-out borings.
- Analytical results of soil and groundwater samples collected at the reported locations of the former mills and lathes did not identify impacted areas associated with these former features.
- Analytical results from B29-23 and B29-24 suggest that there are sources of TCE in soil beneath the former Maintenance Department. The soil samples from these borings reported TCE concentrations that were above the commercial/industrial DTSC-SL. TCE in the sample from B29-23 was also above the GPL.
- TCE is present in Zone A and Upper Zone B groundwater beneath the Former Maintenance Department at concentrations that exceed the MCL.

Despite the various exceedances of screening levels, sources of TCE in soil beneath the Maintenance Department, and detections of PCE and TCE in soil at the mills and lathes, HAI stated in the Executive Summary of its report: "Based on the results of this data gap assessment,

no further investigation is recommended for Building 29 at this time." The presence of chemicals and metals as reported by HAI are discussed as RECs in Section 7.0 of this ESA.

5.2 Interviews/Questionnaires

On 6 August 2020, GSI spoke with Mr. Tom Alo, the RWQCB case worker for the Site, regarding the regulatory status of the Site. Mr. Alo confirmed that there is a draft CAO that includes the Site, which is currently being reviewed by Rohr. He also indicated that Site closure is subject to a public notification and comment period and that he will involve the California Office of Environmental Health Hazard Assessment (OEHHA) for human health risk assessment review.

A "User Questionnaire" was completed by Mr. Emil Wohl, of PSIP. Mr. Wohl indicated this ESA is being performed as part of a property purchase and that the purchase price contemplates environmental impacts. Additionally, he indicated there are no liens or activity and use limitations recorded against the property; however, as a condition of closing, they are required to record a deed restriction on the property, the form of which is attached to the 8 May 2020 purchase agreement between Rohr and PSIP.[10]. Mr. Wohl indicated that the past use of the Site is aircraft manufacturing but that he has no specialized knowledge relating to the property. Mr. Wohl provided a link to Geotracker for additional environmental information.

An "Owner/Occupant Questionnaire" was also provided to PSIP to forward to owner/occupant representatives. As of the date of this report, a response had not been received. However, Richard Siordia, Environmental Health and Safety (EHS) Manager for Rohr, was interviewed during the Site Reconnaissance. Information provided by Mr. Siordia is presented in Section 3.0.

The User questionnaire is included in Appendix H and applicable information has been incorporated in the Summary of Findings (Section 7.0).

6.0 RECORDS REVIEW

Environmental records were obtained by requesting records from state and local regulatory agencies and conducting a search of federal and state databases.

6.1 Regulatory Agency Records Review

On 26 May 2020, GSI contracted with Environmental Support Services, Inc. (ESS) to request regulatory agency records for the Site. Agency requests included a request for reasonably ascertainable records for the Site addresses and APNs. All agency file review requests and documents subsequently supplied by the agencies are included in Appendix I. A summary of the agencies that were contacted and their responses is provided in the Table below.

[10] Personal communication with Emil Wohl, of PSIP, 16 July 2020.

AGENCY	ANTICIPATED RECORD TYPES	RECORDS AVAILABLE?		
		YES	NO	PEND
City and Local Agencies				
Chula Vista Building Department	Historical tenants, property use, permits.	X		
Chula Vista Fire Department	Hazardous materials/waste storage, USTs.		X	
Chula Vista Public Works Department – Industrial Waste	Industrial waste discharge permits or violations		X	
San Diego Air Pollution Control District	Air emissions and permits.	X		
County Agencies				
SDCDEH - Hazardous Materials Division	Agency oversight information and documents.	X		
State Agencies				
DTSC – Cypress Office	Agency oversight information and documents.	X		
DTSC – Chatsworth Office	Agency oversight information and documents.		X	
DTSC – San Diego Office	Agency oversight information and documents.		X	
Office of the State Fire Marshall	Storage of hazardous materials/waste, pipeline information, USTs.		X	
RWQCB – San Diego Region	Agency oversight information and documents.	X		
Agency Website Databases				
County Assessor's Office	Development dates, APNs, parcel details.	X		
SWQCB Geotracker	Agency oversight information and documents.	X		
DTSC Envirostor	Agency oversight information and documents.		X	
Division of Gas and Geothermal Resources (DOGGR)	Oil and gas development, active oil wells, plugged wells, methane.		X	

The DTSC – Cypress Office indicated that a significant number of files were available dating from 1992 to 1998; these files are not available on Envirostor. These files would be difficult, if not impossible, to obtain in a timely manner due to the current COVID-19 pandemic. GSI deemed review of these files unnecessary because 1) HAI reviewed these files in preparation of the 2016 Phase I ESA, and 2) SDCDEH and RWQCB have been the primary oversight agencies for environmental investigation at the Site.

The SDCDEH responded to the information request and provided 8,605 pages of files for the North Campus, which includes the Site. The SDCDEH has not been the lead agency since 1998 and its files were reviewed and summarized in multiple Phase I ESAs, which were relied upon for this ESA. Based on these factors, GSI judged that review of these files was not needed and that the PSIP-provided documents adequately characterized the Site for the purposes of this ESA.

Significant information identified from the regulatory agency file review are included in applicable sections of this report.

As noted above, the Site address is the same as the Rohr Facility address. As such, much of the information provided for 850 Lagoon Drive was for other areas of the Rohr Facility, which are downgradient of the Site. The primary documents of relevance were provided by PSIP and are summarized in Section 5.1.

6.2 Regulatory Database Review

GSI contracted with EDR to compile a database report that summarizes the results of a search of federal, state, and tribal agency databases to assess whether the Site or nearby properties are under investigation for potential environmental issues or have been identified as conducting operations that could potentially impact the environment. The database report includes searches of regulatory databases of sites with environmental liens, deed restrictions, land use restrictions, engineering controls, and institutional controls.[11] Significant findings from the database report are summarized below and in applicable information is incorporated in the Summary of Findings (Section 7.0). The database report is included as Appendix C.

6.3 Subject Site

The 390 Bay Boulevard parcel is listed on the following databases under various names:

EDR Designation	Name	Regulatory List(s)/Description
A2	Lawless	Hist UST
A3	Valley Detroit Diesel	HAZNET, HWTS
A11	Rohr Corp	CHMIRS
A14	City of Chula Vista	HWTS
A16	Rohr Inc.	San Diego Co. HMMD

Hist UST	Hazardous Substance Storage Container Database
HAZNET	Facility and Manifest Data
HWTS	Hazardous Waste Tracking System
CHMIRS	California Hazardous Material Incident Report System
San Diego Co. HMMD	Listing of sites that handle or store hazardous materials

Review of the EDR report regarding the listings above included the following significant information:

- Lawless (A1) - a 10,000-gallon gasoline UST and a 10,000-gallon diesel UST was installed at 390 Bay Boulevard in 1977. These USTs were removed in 1986 and the SDCDEH granted closure in 1996 (URS, 2013).

There are 13 separate listings for 850 Lagoon Drive under various names and the listings appear on the following databases:[12] RCRA-SQG, RCRA-LQG, CPS-SLIC, EMI, UST, CERS HAZ WASTE, CERS TANKS, CERS, CHMRIS, TRIS, PADS, ICIS, USAIRS, FINDS, ECHO, CIWQS, LUST, AST, San Diego Co. HMMD, HAZNET, HWTS. As noted above, the Site address is the same as the Rohr Facility address. As such, much of the information provided for 850 Lagoon Drive may pertain to other areas of the Rohr Facility and it is difficult to ascertain from information provided in the EDR report. The documents provided by PSIP, which are summarized in Section 5.1 are judged to provide sufficient information for assessing the presence of RECs at the Site.

[11] In some cases, environmental databases are not updated by the specific regulatory agencies for periods of up to 1 year (depending on the database). The dates of updates are provided in in the Regulatory Database Search Report, included in Appendix H.
[12] Database descriptions are included in the EDR report in Appendix C.

6.4 Nearby Sites

As presented in Section 2.3, the groundwater flow direction is generally to the west, which follows the regional topography and flows toward San Diego Bay. For the purposes of the assessment of the potential impact to the Site from nearby environmental cases identified in the database report, properties located northeast, east, and southeast were assumed to be upgradient of the Site.

Four adjacent properties, in addition to the other parcels of the Rohr Facility immediately adjacent to Parcel A, were listed in the database report. The adjacent portions of the Rohr Facility are located hydraulically downgradient of Parcel A and are not likely to have impacted soil or groundwater at the Site. The other adjacent properties also are judged unlikely to have impacted soil or groundwater conditions at the Site, as described below:

EDR Designation	Name / Address	Regulatory List(s)/Description	Likely to Impact the Site
B20, C25	Bay Blvd Projects 350 – 360 Bay Boulevard	CPS-SLIC, CERS, Envirostor • Removal of lead-impacted soil.	No
B21, B22	Party City Corp DBA Halloween City #8339 865 H Street	RCRA Non Gen/NLR • Disposal; no longer regulated	No
23	One-Hour Martinizing Dry Cleaning 885 H Street	FINDS, ECHO, EMI, CERS • Air emission permits	No
B24	University Cogeneration, Inc. H St	LUST, San Diego Co, HMMD • Soil impacts only related to a waste oil tank	No

Numerous upgradient properties were listed within the applicable search radii. The environmental issues at these properties primarily were related to historical fuel releases that were either constrained or remediated and received regulatory closure. As such, it is judged that these properties are unlikely to have impacted environmental conditions at the Site. Groundwater impacted with chlorinated solvents (including tetrachloroethene [PCE] and trichloroethene [TCE]) was reported at a property located at 340 Bay Boulevard ("Formerly Thermo King"). The environmental case for this property was closed in 2007. Based on isoconcentration maps that indicate groundwater impacts were limited to the property, it is judged that this property also is unlikely to have impacted environmental conditions at the Site. HAI reported that this property was acquired by Rohr in 1999 (HAI, 2016a).

There are other properties listed in the EDR Radius Report. However, due to their distance from the Site, relative cross- or downgradient location, type of listing, or regulatory closure status, these properties are not considered likely to impact soil or groundwater conditions at the Site.

6.5 Orphan Sites

GSI additionally reviewed the list of "orphan sites" provided in the EDR Radius Report. Orphan sites are those determined to be unmappable based on incomplete address information. Based on the information provided, none of the orphan sites are judged likely to impact soil or groundwater at the Site. Specifically, there are two listings north of the Site that do not have the potential to impact the Site due to their distance and cross-gradient location relative to the Site.

These properties are the BNSF Car Transfer Lot and Lex Tek. The Bay Boulevard Projects appear to be redundant with the listing by the same name under the mapped properties and is listed in the table above. Most of the orphan site listings appear related to the Rohr Facility. The locations for these listings are described as being on H Street, or the foot of H Street. As stated above, the other parcels of the Rohr Facility are located hydraulically downgradient of Parcel A and are not likely to have impacted soil or groundwater at the Site.

6.6 Environmental Lien Search and Activity and Use Limitations

GSI was not retained to perform a search for environmental liens and activity and use limitations (AULs) at the Site.[13] PSIP obtained a title report from Fidelity National Title Company, of Newport Beach, California, dated 13 July 2020 and amended 22 July 2020. The title report did not identify any AULs . There is one lien identified with an amount of $24,321.57 for claimant Rupinder Batoo, recorded 24 August 2018. It is not known if this is related to any environmental issues. Per Mr. William Waller, of Pillsbury Winthrop Shaw Pittman, LLP, counsel for PSIP, the property deed will include Covenants, Conditions and Restrictions (CC&Rs).[14] These CC&Rs will limit the types of use and occupancy of the Site to industrial, warehouse, retail, office, hotel, sports facilities, other commercial purposes, and Ancillary Recreation provided that such use does not require residential clean-up standards to be met. Additionally, the CC&Rs will prohibit use of surface or subsurface water for irrigation, or consumption by humans or animals and no USTs will be permitted at the Site. [15]

7.0 SUMMARY OF FINDINGS

The following sections summarize the findings of this ESA for both the Site and pertinent surrounding properties based on review of site reconnaissance information, regulatory agency databases and files, historical information, physical setting information, and existing documents.

The 11.82-acre Site consists of two parcels and is bifurcated by G Street. The Site is a portion of the Rohr aircraft parts manufacturing facility that has been in operation since 1941. The area north of G Street (390 Bay Boulevard; APN No. 567-022-30-00) is 3.12 acres and is occupied by Buildings 99 and 100. The area south of G Street (eastern portion of APN No. 571-330-29-00) is 8.70 acres and is occupied by Building 29. The Building 29 parcel utilized the address of 850 Lagoon Drive which is the Rohr Facility address.

Historical uses of the parcel north of G Street, currently occupied by Buildings 99 and 100, included agricultural, trailer park, a hardware store, possible residences, and Lawless and Valley Detroit Diesel (repair of semi-trucks). Rohr purchased the property in 1986, with Buildings 99 and 100 already existing, and conducted non-manufacturing activities in this area. Building 99 has not been occupied since approximately 2018. This building was previously used for human resources, training, gym, medical services, and a print shop. Building 100 is currently utilized for R&D. Prior to Rohr's purchase of the property, the building was utilized for servicing trucks and three service bays and a sump were in the building.

[13] AULs are defined in the ASTM Standard as legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

[14] Personal communication with William Waller, of Pillsbury Winthrop Shaw Pittman, 16 July 2020.

[15] CC&R's were provided by PSIP as an attachment to the Purchase and Sale Agreement between Rohr and PSIP.

Historical uses of the parcel south of G Street, currently occupied by Building 29, included agricultural and possible residences. Additionally, HAI opined that a lumber yard may have existed at the Site; the City Directory list obtained for this ESA identified Bay Surplus Boxes at 426 Bay Boulevard; it is possible that the neatly stacked materials identified on aerial photographs, which were interpreted as possible lumber, actually are related to the Bay Surplus Boxes. Former Building 28 was constructed by 1945, and was used as a warehouse, and demolished by the early 2000s. Building 29 was built in four phases, starting from the south in about 1957. The majority was completed by 1962. Building 29 previously housed the Maintenance Department (northern third of the building to approximately Door 29-20), tooling with a machine shop, and offices. Recent to 2013, operations were primarily manufacturing related. Operations in the central portion of Building 29 are being shut down; this area currently houses some after-market equipment.

During the Site reconnaissance, six monitoring well covers were observed near the northeast corner of Building 99. These are likely wells that were installed during the 1998/1999 Deep Boring Investigation conducted by URS. A wastewater AST was observed in Building 29 in the vicinity of the R&D laboratory. Most of the features identified at Building 29 during previous Phase I ESAs are no longer present at the Site.

Several historical features were identified at the Site in information compiled by others including USTs, underground vessels, ASTs, clarifiers, paint booths, sumps, and degreasers. With the exception of the 500-gallon wastewater AST observed at the Site, these have all been removed or are inactive (Haley & Aldrich, 2020a). A list of historical features is included in Table 1 of HAI's CSM in Appendix C.

The primary regulatory oversight agency was SDCDEH prior to 1998, when the Site was transferred to the RWQCB and a CAO was issued. Site investigation activities date back to at least 1986. Primary findings include VOC impacts to groundwater and soil vapor and limited arsenic-affected soil. Preliminary screening suggests the presence of VOCs in indoor air.

No off-Site properties are judged to have impacted environmental conditions at the Site.

7.1 Recognized Environmental Conditions

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

This Phase I ESA has revealed the following RECs in connection with the Site:

- Arsenic in soil at Building 29 - Arsenic was detected at concentrations above background at three locations (B29-02, B29-03, and B29-07) at the Building 29 parcel. Step-out borings were advanced at these locations (HAI, 2020b). Two of the step-out borings around boring B29-03 (B29-03A and -03B) and two around B29-07 (B29-07A and -07B) contained arsenic above the background level of 8 mg/kg established for South Campus, but below its GPL. The arsenic concentration exceeded its GPL in one soil sample (B29-07A).The arsenic results, in combination with other soil data collected around the northern portion of Building 29, indicate that the distribution of arsenic above screening levels is not constrained.

- Limited PCBs in soil at Building 29 - PCBs were detected at concentrations above the commercial/industrial screening level at one location (B29-05) in Building 29. PCBs were detected in the step-out borings around B29-05; however, concentrations were below commercial industrial SLs. Based on the information reviewed, PCB impacts appear to be discrete and limited in extent.
- VOCs in soil, groundwater, soil vapor, and indoor air – VOCs, primarily TCE, are present beneath the Site in soil, soil gas, and groundwater. Analytical results from B29-23 and B29-24 suggest that there are sources of TCE in soil beneath the former Maintenance Department of Building 29. TCE is present in Zone A and Upper Zone B groundwater beneath the Former Maintenance Department at concentrations that exceed the MCL. TCE was detected in soil vapor samples across the Site at concentrations up to 3,000,000 µg/m^3 (HAI, 2020b). HAI concluded that this data suggests there may be residual sources in soil beneath the building. TCE was measured in indoor air in Building 29; concentrations were below response action levels for workers, but additional screening and engineering controls were recommended by HAI.
- Mills and Lathes - VOCs were detected in soil samples from 7 of the 12 borings advanced at and near the former mills and lathes. PCE and TCE were reported in soil samples from some borings. Although none of the detected concentrations were present above the commercial/industrial SLs or GPLs, the presence of volatile constituents in soil could suggest these constituents exist in soil vapor at concentrations exceeding VI-ESLs.
- Metals in groundwater - Dissolved metals (antimony, arsenic, and thallium) concentrations exceeded MCLs at some on-Site groundwater sampling locations. Although groundwater at the Site is not utilized as a drinking water source, there is no information in the publicly available regulatory record that beneficial uses of groundwater, at and in the vicinity of the Site were re-designated to exclude use of groundwater for potable purposes.

Controlled Recognized Environmental Conditions (CRECs)

CRECs are defined in the ASTM Standard as *"a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a NFA letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls."*

This Phase I ESA has revealed no evidence of CRECs in connection with the Site.

Historical Recognized Environmental Conditions (HRECs)

HRECs are defined in in the ASTM Standard as *"a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls."* [16]

[16] If the Site has received closure in the past, but a review of the closure information indicates that Site conditions do not meet unrestricted/residential land use standards, the Site is no longer considered an HREC, and must be identified as an REC.

This Phase I ESA has revealed no evidence of HRECs in connection with the Site:

***De minimis* Conditions**

De minimis conditions are defined in the ASTM Standard as: *"a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions or controlled recognized environmental conditions."*

This Phase I ESA has revealed the following de minimis conditions in connection with the Site:

- Six monitoring well covers were observed near the northeast corner of Building 99 during the Site reconnaissance. These wells appear to be related to a 1998/1999 investigation. Reportedly, the six wells and two borings were installed in this area during that investigation. The wells/borings should be properly abandoned if not in use.

8.0 RECOMMENDATIONS

Several RECs have been identified including known impacts to soil, groundwater, and soil vapor. TCE was detected in indoor air; however limited indoor air sampling has been conducted. Based on the presence of VOCs in the subsurface and previous detections of VOCs in indoor air, GSI recommends that a supplemental soil vapor assessment be conducted.

9.0 DATA GAPS OR FAILURES

Standard ASTM E1237-13 defines a "data gap" as a lack of or inability to obtain information required by the Standard despite good faith efforts by the environmental professional to gather the information. Significant data gaps are identified as those which affected the ability to identify RECs. A "data failure" is a type of data gap and is considered a failure to achieve the historical research objectives even after reviewing reasonably ascertainable standard historical sources.

An Owner questionnaire was not received by the time of publication of this ESA. However, given the historical and regulatory documentation available for the Site, and an interview of on-Site personnel with historical knowledge of Site operations, the absence of the Owner questionnaire is not judged to constitute a significant data gap.

10.0 DELETIONS OR DEVIATIONS FROM THE ASTM STANDARD

There were no deletions or deviations from ASTM Practice E-1527-13 in conducting this Phase I Environmental Site Assessment.

11.0 CERTIFICATION

The Site is defined as the following:

SITE IDENTIFICATION	
Name:	Rohr Parcel A, North Campus
Address:	850 Lagoon Drive and 390 Bay Boulevard
City:	Chula Vista
County:	San Diego
State:	California
APN(s):	567-022-30-00 (Building 99 and 100) and 571-330-29-00 (Building 29)

This environmental review of the Site as defined above was conducted by GSI on behalf of PSIP. The review conducted by GSI meets or exceeds the requirements for a Phase I ESA specified in the ASTM Standard.

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

Jennifer P. Duffield, PE
Senior Associate Engineer

Susan M. Gallardo, PE
Principal Engineer

REFERENCES

Adrian Brown, 1998, ASTM Phase I, Site Assessment, B.F. Goodrich Aerospace, Foot of "H" Street, 4 June.

ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

City of Chula Vista, Community Planning Department, 1989, Notification of City Council Action – Coastal Development Permit No. 43(a) – Rohr Industries Temporary Trailers, 24 April.

Environmental Data Resources (EDR), 2020, Database Reports for Rohr, Inc. – Parcel A, 390 Bay Boulevard, Chula Vista, California, Inquiry Number 6068980, 20 May:

a. The EDR Radius Map Report™ with GeoCheck®
b. The EDR Aerial Photo Decade Package
c. Certified Sanborn® Map Report
d. The EDR Historical Topo Map Report
e. The EDR-City Directory Image Report

Haley & Aldrich, Inc. (HAI), 2016a, ASTM Phase I Environmental Site Assessment, Rohr Property IDs 7 and 15 (Eastern Portion), Chula Vista, California, 21 July.

HAI, 2016b, Phase II Environmental Site Assessment, Rohr IDs 7 and 15 (Eastern Portion), Building 99 and 29, 850 Lagoon Drive, Chula Vista, California, 8 December.

HAI, 2018a, Phase II Environmental Site Assessment, Buildings 99 and 29, 850 Lagoon Drive, Chula Vista, California, 10 January

HAI, 2018b, Sub-Slab and Focused Soil Vapor Work Plan, Rohr, Inc. – Eastern Parcels, Buildings 29, 99 and 100, Chula Vista, California, 7 May.

HAI, 2018c, Sub-Slab and Focused Soil Vapor Survey Report, Rohr, Inc. – Eastern Parcels, Buildings 29, 99 and 100, Chula Vista, California, 6 September.

HAI, 2018d, Indoor Air Screening Technical Memorandum, Rohr, Inc., – Building 29, Chula Vista, California, Geotracker ID: T0000011095, 31 October.

HAI., 2020a, Conceptual Site model, Rohr, Inc. – North Campus, 850 Lagoon Drive, Chula Vista, California, Geotracker ID T10000001489, 3 April.

HAI ,2020b, Data Gap Assessment Report, Rohr, Inc., Parcel A, Building 29, Chula Vista, California, 13 May.

URS, 2013, Phase I Environmental Site Assessment, UTAS – Chula Vista, 850 Lagoon Drive, Chula Vista, California 91910, 2 April.

URS, 2015, Supplemental Remedial Investigation Report, Rohr, Inc. – North Campus, 850 Lagoon Drive, Chula Vista, California, 30 April.

Woodward Clyde, 1998, Data Compilation and Evaluation Report, Rohr, Inc., Chula Vista, California, 27 May.

Figures

Figure 1. Site Location Map
Figure 2. Site and Vicinity

GSI ENVIRONMENTAL	GSI Job No. 5522	Drawn by: AV	**SITE LOCATION MAP**
	Issued: 25-Jun-2020	Chk'd by: JPD	
	Revised:	Aprv'd by: JPD	Rohr Parcel A, North Campus - Buildings 29, 99, and 100 850 Lagoon Drive and 390 Bay Boulevard, Chula Vista, California
	Map ID: RPANC_SiteLocMap	**FIGURE 1**	

LEGEND

- North Campus Boundary
- Site Boundary
- Parcel Boundary

Note

Imagery downloaded from https://gis.sandag.org/sdgis/services.

SCALE (Feet)
0 75 150

Projected Coordinate System
Datum: NAD83
State Plane California Zone VI
Units: Feet

GSI ENVIRONMENTAL

SITE AND VICINITY

Rohr Parcel A, North Campus - Buildings 29, 99, and 100
850 Lagoon Drive and 390 Bay Boulevard, Chula Vista, California

GSI Job No.	5522	Drawn By:	AV
Issued:	25-Jun-2020	Chk'd By:	JPD
Map ID:	**RPANC_SiteVicinity**	Appv'd By:	JPD

FIGURE 2

GSI Project No. 5524

11 September 2020

Mr. Richard Chase
Mr. Nicholas Pellico
PSIP Wohl Bay Boulevard LLC
75 Isham Road, 4th Floor
West Hartford, CT 06107
Via E-mail: rchase@penwoodre.com and npellico@penwoodre.com

Mr. Emil Wohl
Wohl Property Group
2251 San Diego Av., Suite A-247
San Diego, CA 92110
Via E-mail: emil@wohlproperty.com

Re: Limited Phase II Screening Site Investigation
Rohr, Inc, a Collins Aerospace Company
Parcel A, North Campus
850 Lagoon Drive and 390 Bay Blvd.
Chula Vista, California

Dear Rick, Nick and Emil:

GSI Environmental Inc. (GSI) has prepared this Limited Phase II Screening Site Investigation Report for PSIP Wohl Bay Boulevard LLC (PSIP) to summarize the results and findings of the soil and soil vapor sampling conducted in Buildings 29, 99, and 100 at the Collins Aerospace (Collins) properties located at 850 Lagoon Drive and 390 Bay Boulevard in the City of Chula Vista, California (the Site) on 27 through 31 July 2020.

BACKGROUND

The approximately 12-acre Site consists of two parcels bifurcated by G Street. The area north of G Street (390 Bay Boulevard; APN No. 567-022-30-00) is approximately 3 acres and is occupied by Buildings 99 and 100. The area south of G Street (eastern portion of APN No. 571-330-29-00) is approximately 9 acres and is occupied by Building 29.

Historical uses of the parcel north of G Street included agriculture, trailer park, a hardware store, possible residences, and a truck repair shop. Recent operations include non-manufacturing activities. Building 99 has not been occupied since approximately 2018 and was most recently used for human resources, training, gym, medical services, and a print shop. Building 100 is currently utilized for research and development, but prior to Rohr's purchase of the property the building was utilized for servicing trucks and included three service bays and a sump.

Historical uses of the parcel south of G Street included agricultural, residential, and possible lumber yard operations. More recently, Building 29 has included a maintenance department, a machine shop, storage of after-market equipment, and offices.

The results of previous investigations conducted at the Site by Haley & Aldrich (H&A) in 2016 and 2018 indicated that trichloroethene (TCE), tetrachloroethene (PCE), and arsenic

have been detected at elevated concentrations in subsurface soils within discrete areas of Building 29[1,2].

SOIL VAPOR AND SOIL SAMPLING

GSI conducted the Limited Phase II to assess the potential concentration and distribution of volatile organic compounds (VOCs) at the Site. This investigation was conducted at 17 locations within Building 29, 99, and 100. Soil samples were collected from 10 locations and soil vapor samples were collected from 16 locations (see Figures 1 to 3).

At each boring location, a geophysical utility clearance survey was performed by ULS Services Corporation of San Diego, California to assess the presence of subsurface utilities or other obstructions. Once each location was cleared of utilities, InterPhase Environmental of Commerce, California advanced an approximately 2.25-inch diameter, 4-foot long, direct-push, dual-cased drive sampler to facilitate the collection of soil cores. Soil was recovered using this method except for three locations where a hand auger was used to advance the boreholes.

Soil Vapor Sampling

Soil vapor probes were installed in each boring at depths between approximately 3 and 5-feet below ground surface (bgs), depending on lithology, to facilitate the collection of soil vapor samples. The soil vapor probes installation and sampling were performed in general accordance with the Soil Gas Advisory Cal/EPA July 2015 Advisory–Active Soil Gas Investigations. Soil vapor probes were constructed using approximately ¼-inch diameter Teflon tubing connected to a porous polypropylene sample tip centered within an approximately 1-foot vertical interval of clean sand. Approximately 1 foot of dry granular bentonite was placed on top of the sand and the remainder of the boring annular space was backfilled with granular bentonite hydrated with potable water in 1-foot lifts to create a seal. Soil vapor probes were allowed to equilibrate for approximately 48 hours before sampling.

Soil vapor samples were collected into laboratory-provided Summa canisters and analyzed for VOCs using United States Environmental Protection Agency (USEPA) Method TO-15 by American Analytics, a California ELAP-certified laboratory. Prior to purging and sampling, American Analytics performed a shut-in test on the Summa canister and above-ground valves, lines, and fittings downstream from the top of the probe tubing with no observable loss of vacuum for more than 1 minute. Except where noted, three purge volumes[3] were removed from each soil vapor probe using a vacuum pump with a flow rate of approximately 200 milliliters per minute (mL/min) following the shut-in test and prior to sampling. At PW-08, only one purge volume was removed due to low-flow conditions. At PW-10, a soil vapor sample could not be collected due to no-flow conditions. During purging and sampling, soil vapor probes and above-ground fittings were placed in a shroud filled with helium. Purged soil vapor was screened for helium to test for leaks in

[1] H&A, 2016, Phase II Environmental Site Assessment, Rohr IDs 7 and 15 (Eastern Portion), Building 99 and 29, December.
[2] H&A, 2018, Sub-Slab and Focused Soil Vapor Survey Report, Rohr, Inc. – Eastern Parcels, Buildings 29, 99, 100, September.
[3] One purge volume is equivalent to the combined volume of the internal tubing, the void space of the 1-foot sand pack around the probe tip, and the void space of the 1-foot of dry bentonite in the annular space above the sand pack.

the sampling manifold in the field using a hand-held helium detector. In addition, Summa canister samples were analyzed for helium to confirm the effectiveness of field leak testing.

Soil Sampling

Soil was retrieved from the sampler in 4-foot long clear acetate liners from 14 of the 17 locations. Soil was also retrieved from a 3.5-inch diameter hand auger from 3 of the 17 locations (PW-02, PW-03, and PW-06). GSI personnel used a MiniRAE 3000 photoionization detector (PID) with a 10.6 electron volt (eV) lamp calibrated using 100 parts per million (ppm) isobutylene span gas to screen the soil for elevated VOC concentrations. During the soil screening, the PID was held within approximately 0.5-inch above the core and moved along its length to screen for VOCs. In addition, soil from selected depths was placed in plastic bags for subsequent head space measurements. No PID readings at or above 5 ppm were measured except for PW-5, where a reading of 9.6 ppm was documented at a depth of approximately 4 feet bgs. In addition, no obvious signs of staining or odors were noted in the soil cores. The soil recovered at each of the boring locations was primarily fine to coarse grained sand and sandy lean clay to the maximum assessment depth of approximately 5.5 feet bgs.

Soil samples were analyzed for one or more of the following: total petroleum hydrocarbons (TPH) by USEPA Method 8015B, Title 22 Metals by USEPA Method 6010B, VOCs by USEPA Method 8260B, and polychlorinated biphenyls (PCBs) by USEPA Method 8082. Soil samples retained for analysis of VOCs were packaged using USEPA Method 5035 preservation kits. Samples for other analyses were placed in 4- or 8-ounce glass jars, labeled, and stored in an ice-filled cooler for delivery to Enthalpy Analytical Laboratories (Enthalpy), a California ELAP-certified laboratory following chain-of-custody procedures.

After soil and soil vapor sampling were completed, the soil vapor probes were destroyed by removing the tubing and backfilling the annulus space with hydrated granular bentonite to just below ground surface, followed by patching the surface to match the surrounding grade.[4]

SOIL VAPOR AND SOIL ANALYTICAL RESULTS

Analytical results for compounds detected in soil vapor and soil are summarized in Tables 1 to 3, respectively. Laboratory analytical reports are included in Attachment A. Analytical results are discussed below.

Soil Vapor Analytical Results

Seventeen soil vapor samples (including two duplicate samples) were collected at 15 locations from depths between approximately 3 and 5 feet bgs and analyzed for VOCs. Analytical results for PCE and TCE are summarized in Table 1 and below. The recent soil vapor results are consistent with the results reported by H&A (2018), which are presented in Table 2. TCE was the constituent detected at the highest concentrations in both assessments.

[4] This procedure was approved by the County of San Diego Environmental Health Well Program in an e-mail dated 23 July 2020.

Summary of Recent Soil Vapor Results for PCE and TCE

Location ID	Sample Depth (ft/bgs)	PCE ($\mu g/m^3$)	TCE ($\mu g/m^3$)
PW-01B	5	<28	140
PW-02	5	<4200	2,900,000
PW-03	5	<4200	1,100,000
PW-03	5	<4200	1,100,000
PW-04	5	47	1,400
PW-05	4	5,800	2,400,000
PW-06	3.5	<700	160,000
PW-07	4	330	7,600
PW-08	5	96	54
PW-09	4.5	<140	14,000
PW-11	3	16	5.9
PW-12	3	1,500	35
PW-13	4	4.7	91
PW-14	4	<2800	64,000
PW-14	4	<1400	64,000
PW-15	4.5	<350	13,000
PW-16	5	16	25

Note: Soil vapor data are reported in micrograms per cubic meter ($\mu g/m^3$).

Soil Analytical Results

Analytical results for detected compounds in soil samples are presented in Tables 3A to 3D. PCE was detected in PW-12 at a concentration of 4.7 micrograms per kilogram (µg/kg) at 1.5 feet bgs, and TCE was detected in PW-07 at a concentration of 23 µg/kg at 1.5 feet bgs. PCE and TCE were not detected above laboratory reporting limits (RLs) in other samples. PCBs (Aroclor-1260) were only detected in PW-11, at a concentration of 180 µg/kg. PCBs in other samples analyzed were not detected above RLs.

No analytes were detected in soil samples at concentrations exceeding commercial screening levels or (for arsenic) background soil concentrations.

FINDINGS AND CONCLUSIONS

The following findings are based on our evaluation of the analytical results for soil and soil vapor samples:

Building 29

- The current data are generally consistent with the data collected by H&A in 2018 both in terms of magnitude and chemicals of concern (i.e., PCE and TCE). The detected concentrations of TCE do not indicate an increase in risk to building occupants when compared to H&A's risk estimates.
- The analytical results for recent soil samples from Building 29 do not indicate a need for additional assessment.

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Buildings 99 and 100

- The soil vapor data collected within Buildings 99 and 100 do not indicate a need for additional assessment or vapor mitigation.
- The soil data collected within Buildings 99 and 100 do not indicate a need for additional assessment.

We appreciate the opportunity to assist PSIP with this project. Please do not hesitate to contact us if you have any questions or would like to discuss the information presented in this letter report.

Regards,

Samantha Curtis, PG 8633
Senior Geologist

Peter Scaramella
Senior Risk Assessor

Attachments:

Table 1 – Analytical Results for Soil Vapor Samples – July 2020
Table 2 – Analytical Results for Soil Vapor Samples – May 2018
Table 3A – Analytical Results for Metals in Soil Samples
Table 3B – Analytical Results for VOCs in Soil Samples
Table 3C – Analytical Results for TPH in Soil Samples
Table 3D – Analytical Results for PCBs in Soil Samples
Figure 1 – Soil and Soil Vapor Sample Locations – Buildings 99 and 100
Figure 2 – Soil Vapor Sample Locations – Building 29
Figure 3 – Soil Sample Locations – Building 29
Attachment A – Laboratory Analytical Reports

Tables

Table 1. Analytical Results for Soil Vapor Samples – July 2020
Table 2. Analytical Results for Soil Vapor Samples – May 2018
Table 3A. Analytical Results for Metals in Soil Samples
Table 3B. Analytical Results for VOCs in Soil Samples
Table 3C. Analytical Results for TPH in Soil Samples
Table 3D. Analytical Results for PCBs in Soil Samples

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Table 1: ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES -- July 2020 [1]
Parcel A, North Campus
850 Lagoon Drive and 390, Bay Blvd., Chula Vista, California

Location ID	Sample Name	Sample Date	Sample Depth (feet bgs)	1,1,1-Trichloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2,2,4-Trimethylpentane	4-Ethyltoluene	4-Isopropyltoluene	Acetone	Benzene	Benzyl chloride	Bromodichloromethane	Chloroform	cis-1,2-Dichloroethylene	Cyclohexane	Dibromochloromethane	Dichlorodifluoromethane (R12)	Ethylbenzene	Heptane	Isobutane	Isopropylbenzene	m,p-Xylenes	Naphthalene	n-Hexane	n-Propylbenzene	o-Xylene	Propylene	sec-Butylbenzene	Styrene	Tetrachloroethylene (PCE)	Toluene	Trichloroethylene (TCE)	Trichlorofluoromethane (R11)
				micrograms per cubic meter ($\mu g/m^3$)																															
PW-01B	PW-01B-SV-5	7/31/2020	5	<24	<32	610	220	<20	130	79	<80	<20	<20	<24	<20	<20	<20	<20	<20	150	<20	<20	<20	670	<20	<20	80	240	<20	<24	<20	<28	230	140	<24
PW-02	PW-02-5	7/31/2020	5	<3600	<4800	<3000	<3000	<3000	<3000	<3600	<12000	<3000	<3000	<3600	18,000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<6000	<3000	<3000	<3000	<3000	<3000	<3600	<3000	<4200	<3000	2,900,000	<3600
PW-03	PW-03-5	7/31/2020	5	<3600	<4800	<3000	<3000	<3000	<3000	<3600	<12000	<3000	<3000	<3600	7,100	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<6000	<3000	<3000	<3000	<3000	<3000	<3600	<3000	<4200	<3000	1,100,000	<3600
	PW-03-5DUP		5	<3600	<4800	<3000	<3000	<3000	<3000	<3600	<12000	<3000	<3000	<3600	6,800	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<6000	<3000	<3000	<3000	<3000	<3000	<3600	<3000	<4200	<3000	1,100,000	<3600
PW-04	PW-04-5	7/31/2020	5	<24	<32	110	48	<20	26	<24	<80	38	<20	<24	52	<20	<20	<20	<20	78	<20	<20	<20	320	<20	<20	20	82	<20	<24	<20	47	260	1400	<24
PW-05	PW-05-4	7/31/2020	4	<3600	<4800	<3000	<3000	<3000	<3000	<3600	<12000	<3000	<3000	<3600	16,000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<6000	<3000	<3000	<3000	<3000	<3000	<3600	<3000	5,800	<3000	2,400,000	<3600
PW-06	PW-06-3.5	7/31/2020	3.5	<600	<800	600	<500	<500	<500	<600	<2000	<500	<500	<600	1,600	<500	<500	<500	<500	<500	<500	<500	<500	1,100	<500	<500	<500	<500	<500	<600	<500	<700	510	160,000	<600
PW-07	PW-07-4	7/31/2020	4	38	<32	120	48	<20	22	<24	<80	<20	<20	<24	160	<20	<20	<20	<20	28	<20	<20	<20	130	<20	<20	<20	40	<20	<24	<20	330	51	7,600	<24
PW-08	PW-08-5	7/31/2020	5	<24	<32	530	270	<20	160	80	<80	75	<20	<24	32	<20	<20	<20	<20	340	<20	<20	33	1,300	<20	<20	120	360	<20	<24	<20	96	670	54	<24
PW-09	PW-09-4.5	7/31/2020	4.5	120	<160	140	<100	<100	<100	<120	<400	<100	<100	140	410	<100	<100	<100	<100	<100	<100	<100	<100	200	<100	<100	<100	<100	<100	<120	<100	<140	150	14,000	<120
PW-11	PW-11-3	7/31/2020	3	<3.0	5.6	110	67	<2.5	29	8.8	51	10	<2.5	16	14	<2.5	<2.5	12	<2.5	50	4.9	5.1	5.9	160	<2.5	5.9	19	70	7.5	<3.0	14	16	89	5.9	<3.0
PW-12	PW-12-3	7/31/2020	3	<3.0	<4.0	400	180	12	110	63	59	36	<2.5	17	20	<2.5	3.6	9.5	<2.5	150	12	<2.5	20	710	<2.5	11	87	200	30	8.1	19	1,500	350	35	<3.0
PW-13	PW-13-4	7/31/2020	4	12	<4.0	500	180	3.9	94	53	43	8	9.8	<3.0	26	3.8	<2.5	<2.5	17	81	4.2	<2.5	11	400	<2.5	3.6	59	140	<2.5	<3.0	<2.5	4.7	98	91	54
PW-14	PW-14-4	7/31/2020	4	<2400	<3200	<2000	<2000	<2000	<2000	<2400	<8000	<2000	<2000	<2400	<2000	4,400	<2000	<2000	<2000	<2000	<2000	<2000	<2000	<4000	<2000	<2000	<2000	<2000	<2000	<2400	<2000	<2800	<2000	64,000	<2400
	PW-14-4DUP		4	<1200	<1600	<1000	<1000	<1000	<1000	<1200	<4000	<1000	<1000	<1200	<1000	4,300	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2000	<1000	<1000	<1000	<1000	<1000	<1200	<1000	<1400	<1000	64,000	<1200
PW-15	PW-15-4.5	7/31/2020	4.5	1,100	740	<250	<250	<250	<250	<300	<1000	<250	<250	<300	<250	<250	<250	<250	<250	<250	<250	<250	<250	<500	<250	<250	<250	<250	<250	<300	<250	<350	<250	13,000	<300
PW-16	PW-16-5	7/31/2020	5	35	72	490	180	<2.5	55	27	<10	7.6	<2.5	<3.0	5.8	<2.5	<2.5	<2.5	<2.5	61	<2.5	<2.5	7.7	310	6.3	<2.5	36	99	<2.5	4.5	10	16	120	25	6.7
Commercial Screening Levels [2]																																			
DTSC-SL (AF = 0.001)				4,400,000	22,000,000	260,000	260,000	NP	NP	NP	140,000,000	420	250	330	530	35,000	26,000,000	NP	440,000	4,900	1,800,000	NP	1,800,000	440,000	360	3,100,000	4,400,000	440,000	13,000,000	1,800,000	3,900,000	2,000	1,300,000	3,000	5,300,000
DTSC-SL (AF = 0.03)				150,000	733,333	8,700	8,700	NP	NP	NP	4,700,000	14	8.3	11	18	1,200	870,000	NP	15,000	160	60,000	NP	60,000	15,000	12	103,333	150,000	15,000	430,000	60,000	130,000	67	43,000	100	180,000

Notes
1. Soil vapor samples collected into passivated canisters American Analytics of Chatsworth, California (AA) under the field oversight of by GSI Environmental, Inc. and analyzed for volatile organic compounds using USEPA Method TO-15 by AA.
2. Commercial soil vapor screening levels calculated by applying default attenuation factors for current commercial buildings (0.001) published by DTSC (2011) and for all buildings (0.03) published by USEPA (2015) to DTSC-SLs for commercial air (DTSC, 2020).

Abbreviations
bold = analyte detected above the reporting limit
– = not analyzed
< = analyte not detected above the reporting limit shown
bgs = below ground surface
$\mu g/m^3$ = micrograms per cubic meter
NA = not applicable
ND = not detected
NP = not published
DTSC = California Environmental Protection Agency, Department of Toxic Substances Control
USEPA = United States Environmental Protection Agency

References
DTSC, 2011. Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance). DTSC. October.
DTSC, 2020. Department of Toxic Substances Control (DTSC). Human Health Risk Assessment (HHRA) Note, HERO HHRA Note 3, DTSC-modified Screening Levels (DTSC-SLs). June.
USEPA, 2015. OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. June.
USEPA, 2020. Regional Screening Levels (RSLs). May.

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Table 2: ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES - May 2018[1]

Parcel A, North Campus

850 Lagoon Drive and 390, Bay Blvd., Chula Vista, California

Location ID	Sample Date	Depth (ft/bgs)	1,1,1-Trichloroethane	1,1-Dichloroethane	1,2,4-Trimethylbenzene	2-Butanone (Methyl Ethyl Ketone)	4-Ethyl toluene	Benzene	Carbon Disulfide	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylenes	o-Xylene	Styrene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane (CFC-11)	Trifluorotrichloroethane (Freon 113)
			micrograms per cubic meter (µg/m3)																		
B100-V01	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	< 43	< 34	< 38	< 40	**30**	< 56	< 77
B100-V02	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**69**	< 34	< 38	< 40	< 27	< 56	< 77
B100-V03	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	< 43	< 34	< 38	< 40	< 27	< 56	< 77
	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	< 43	< 34	< 38	< 40	< 27	< 56	< 77
B29-V01	5/24/2018	5	**45**	< 41	**110**	**77**	**100**	**130**	**130**	**56**	< 40	**160**	**550**	**140**	**200**	**83**	**700**	< 40	**450**	< 56	< 77
	5/24/2018	5	**40**	< 41	**77**	< 60	< 50	**140**	**140**	**48**	< 40	**120**	**410**	**110**	**230**	**61**	**590**	< 40	**450**	< 56	< 77
	5/25/2018	10	< 28	< 41	< 50	< 60	< 50	< 16	< 32	**56**	< 40	**25**	**61**	**27**	**78**	**36**	**100**	< 40	**3,400**	< 56	< 77
B29-V02	5/24/2018	5	**280**	< 410	< 500	< 600	< 500	**950**	**1,300**	< 250	< 400	**780**	**1,900**	**640**	**2,100**	**780**	**3,900**	< 400	**1,500**	< 560	< 770
	5/24/2018	10	< 28	< 41	< 50	**79**	< 50	**41**	< 32	< 25	< 40	**37**	**74**	**28**	**110**	**84**	**170**	< 40	**64**	< 56	< 77
B29-V03	5/23/2018	1	< 28	< 41	< 50	< 60	< 50	**49**	< 32	**12,000**	**250**	< 22	< 44	< 22	< 43	**150**	< 38	**82**	**920,000**	< 56	< 77
	5/24/2018	5	< 6900	< 10000	< 12000	< 15000	< 12000	< 4000	< 7900	**39,000**	< 10000	< 5500	< 11000	< 5500	< 11000	< 8600	< 9500	< 10000	**3,000,000**	< 14000	< 19000
B29-V04	5/23/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	< 43	**210**	< 38	< 40	**7,500**	< 56	< 77
	5/23/2018	5	< 280	< 410	< 500	< 600	< 500	< 160	< 320	< 250	< 400	< 220	< 440	< 220	< 430	**430**	< 380	< 400	**27,000**	< 560	< 770
B29-V05	5/23/2018	5	**59**	< 41	< 50	< 60	< 50	**78**	< 32	< 25	< 40	**41**	**140**	**38**	< 43	**160**	**280**	< 40	< 27	< 56	< 77
	5/23/2018	10	**37**	< 41	< 50	< 60	< 50	**31**	< 32	< 25	< 40	< 22	< 44	< 22	**110**	**180**	**84**	< 40	< 27	< 56	< 77
B29-V06	5/23/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**110**	< 34	**44**	< 40	< 27	< 56	< 77
	5/23/2018	5	**69**	< 41	< 50	< 60	< 50	**34**	< 32	< 25	< 40	< 22	< 44	< 22	**120**	< 34	**98**	< 40	**120**	< 56	< 77
	5/23/2018	5	**50**	< 41	< 50	< 60	< 50	**29**	< 32	< 25	< 40	**23**	< 44	< 22	**100**	< 34	**81**	< 40	**100**	< 56	< 77
B29-V07	5/23/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	**240**	< 40	< 22	**88**	**31**	< 43	**2,200**	**46**	< 40	**7,800**	< 56	< 77
	5/23/2018	5	**140**	< 41	< 50	< 60	< 50	**69**	< 32	**1,500**	< 40	< 22	**64**	< 22	< 43	**11,000**	**230**	< 40	**51,000**	< 56	< 77
B29-V08	5/24/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**52**	**80**	< 38	< 40	**130**	< 56	< 77
	5/24/2018	5	< 550	< 820	< 1000	< 1200	< 1000	< 320	< 630	< 490	< 800	< 440	< 880	< 440	< 860	**2,200**	< 760	< 800	**2,100**	< 1100	< 1500
	5/24/2018	10	< 550	< 820	< 1000	< 1200	< 1000	< 320	< 630	< 490	< 800	< 440	< 880	< 440	< 860	**1,600**	< 760	< 800	**1,500**	< 1100	< 1500
B29-V05	5/22/2018	1	**46**	< 41	< 50	< 60	< 50	**27**	< 32	< 25	< 40	**47**	**190**	**53**	< 43	**220**	**180**	< 40	< 27	< 56	< 77
B29-V09	5/22/2018	1	**110**	< 41	< 50	< 60	< 50	< 16	< 32	**170**	< 40	< 22	< 44	< 22	**52**	< 34	< 38	< 40	**11,000**	< 56	< 77
B29-V10	5/22/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**92**	< 34	< 38	< 40	**120**	< 56	< 77
B29-V11	5/22/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**66**	< 34	< 38	< 40	< 27	< 56	< 77
B29-V12	5/22/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**53**	< 34	< 38	< 40	< 27	< 56	< 77
B29-V13	5/22/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**74**	< 34	< 38	< 40	< 27	< 56	< 77
B29-V14	5/22/2018	1	**46**	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**65**	< 34	< 38	< 40	< 27	< 56	< 77
B29-V15	5/22/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**64**	< 34	< 38	< 40	< 27	**60**	< 77
B29-V16	5/22/2018	1	**790**	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	< 43	**340**	< 38	< 40	**16,000**	< 56	**320**
B29-V17	5/22/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**110**	< 34	< 38	< 40	**43**	< 56	< 77
B29-V18	5/22/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**48**	**57**	< 38	< 40	**42**	< 56	< 77
	5/22/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**62**	**54**	< 38	< 40	< 27	< 56	< 77
B29-V19	5/22/2018	1	**480**	**53**	< 50	< 60	< 50	< 16	< 32	< 25	**1,300**	< 22	< 44	< 22	**99**	< 34	< 38	**150**	**9,800**	< 56	**1,900**
B99-V01	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**80**	< 34	< 38	< 40	< 27	< 56	< 77
B99-V02	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**61**	< 34	< 38	< 40	< 27	< 56	< 77
B99-V03	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**64**	< 34	< 38	< 40	< 27	< 56	< 77

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Table 2: ANALYTICAL RESULTS FOR SOIL VAPOR SAMPLES - May 2018[1]

Parcel A, North Campus
850 Lagoon Drive and 390, Bay Blvd., Chula Vista, California

Location ID	Sample Date	Depth (ft/bgs)	1,1,1-Trichloroethane	1,1-Dichloroethane	1,2,4-Trimethylbenzene	2-Butanone (Methyl Ethyl Ketone)	4-Ethyl toluene	Benzene	Carbon Disulfide	Chloroform (Trichloromethane)	cis-1,2-Dichloroethene	Ethylbenzene	m,p-Xylenes	o-Xylene	Styrene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane (CFC-11)	Trifluorotrichloroethane (Freon 113)
			micrograms per cubic meter (µg/m3)																		
B99-V04	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	< 43	< 34	< 38	< 40	< 27	< 56	< 77
B99-V05	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**82**	< 34	< 38	< 40	**32**	< 56	< 77
B99-V06	5/25/2018	1	< 28	< 41	< 50	< 60	< 50	< 16	< 32	< 25	< 40	< 22	< 44	< 22	**63**	< 34	< 38	< 40	< 27	< 56	< 77
Commercial Screening Levels [2]																					
DTSC-AF SL (AF = 0.001)			4,400,000	7,700	260,000	22,000,000	NP	420	3,100,000	530	35,000	4,900	440,000	440,000	3,900,000	2,000	1,300,000	350,000	3,000	5,300,000	22,000,000
USEPA-AF SL (AF = 0.03)			150,000	260	8,700	730,000	NP	14	100,000	18	1,200	160	15,000	15,000	130,000	67	43,000	12,000	100	180,000	730,000

Notes

1. Soil vapor samples collected and analyzed onsite by H&P Mobile Geochemistry Inc. using USEPA Method TO-15 (H&A, 2018).
2. Commercial soil vapor screening levels calculated by applying default attenuation factors for current commercial buildings (0.001) published by DTSC (2011) and for all buildings (0.03) published by USEPA (2015) to DTSC-SLs for commercial air (DTSC, 2020).

Abbreviations

bold = analyte detected above the reporting limit
-- = not analyzed
< = analyte not detected above the reporting limit shown
bgs = below ground surface
µg/m^3 = micrograms per cubic meter
NA = not applicable
ND = not detected
NP = not published
DTSC = Department of Toxic Substances Control
USEPA = United States Environmental Protection Agency

References

DTSC, 2011. Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance). DTSC. October.
DTSC, 2020. Department of Toxic Substances Control (DTSC). Human Health Risk Assessment (HHRA) Note, HERO HHRA Note 3, DTSC-modified Screening Levels (DTSC-SLs). June.
Haley & Aldrich, 2018, Sub-slab and Focused Soil Vapor Survey Report, Roht, Inc. -- Eastern Parcels, Building 29, 99, and 100, Chula Vista, California, September 6.
USEPA, 2015. OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. June.
USEPA, 2020. Regional Screening Levels (RSLs). May.

GSI ENVIRONMENTAL

Table 3A: ANALYTICAL RESULTS FOR METALS IN SOIL SAMPLES [1]

Parcel A, North Campus

850 Lagoon Drive and 390, Bay Blvd., Chula Vista, California

Location ID	Sample Date	Units	Sample Depth (ft/bgs)	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Silver	Vanadium	Zinc
PW-01A	7/29/2020	mg/Kg	1.5	**2.6**	**68**	<0.54	**16**	**6.6**	**4.8**	**2.9**	**6.1**	<0.54	**59**	**38**
PW-01B	7/29/2020	mg/Kg	1.5	**1.9**	**64**	<0.51	**17**	**7.7**	**17**	**15**	**8.6**	**0.52**	**47**	**46**
PW-02	7/29/2020	mg/Kg	2	**2.1**	**49**	<0.53	**19**	**6.8**	**11**	**4.8**	**8.4**	<0.53	**50**	**32**
PW-03	7/29/2020	mg/Kg	5.5	<1.1	**89**	<0.55	**20**	**7.8**	**12**	**2.1**	**8.7**	**0.55**	**63**	**38**
PW-06	7/29/2020	mg/Kg	3	**2.2**	**59**	<0.50	**21**	**11**	**13**	**4.6**	**9.8**	**0.81**	**59**	**33**
PW-07	7/28/2020	mg/Kg	1.5	**5.7**	**51**	**0.96**	**13**	**5.7**	**41**	**26**	**8.7**	<0.53	**33**	**51**
PW-11	7/28/2020	mg/Kg	1.5	**5.0**	**31**	<0.47	**8.5**	**4.5**	**14**	**11**	**4.6**	<0.47	**19**	**19**
PW-12	7/28/2020	mg/Kg	1.5	**4.5**	**54**	<0.54	**14**	**5.6**	**12**	**10**	**7.0**	<0.54	**37**	**45**
PW-15	7/28/2020	mg/Kg	1	**2.8**	**54**	<0.45	**15**	**5.6**	**5.0**	**1.6**	**5.0**	<0.45	**51**	**34**
Commercial Screening Levels [2]														
DTSC-SL				0.36	220,000	780	1,800,000	350	47,000	320	11,000	5,800	5,800	350,000
Background Levels (mg/kg) [3]				12	1,400	1.7	1,579	47	96	97	509	8.3	288	236

Notes

1. Soil samples collected by GSI Environmental, Inc. (GSI) and analyzed for Title 22 metals using USEPA Methods 6010B/7471A; only the detected concentrations are presented.
2. DTSC screening levels (DTSC-SLs) for commerical/industrial land use are the Regional Screening Levels (RSLs) for soil published by USEPA (May 2020), as endorsed or modified by DTSC in Human Health Risk Assessment Note 3 (June 2020).
3. Background concentrations of metals in California soils are from from Bradford et al., 1996.

Abbreviations

bold = analyte detected above the reporting limit
bgs = below ground surface
mg/Kg = milligrams per kilogram
DTSC = California Environmental Protection Agency, Department of Toxic Substances Control
USEPA = United States Environmental Protection Agency

References

Bradford et al., 1996, Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation Special Report, Kearney Foundation of Soil Science, Division of Agriculture and Natural Resources, University of California, March.

DTSC, 2020. Department of Toxic Substances Control (DTSC). Human Health Risk Assessment (HHRA) Note, HERO HHRA Note 3, DTSC-modified Screening Levels (DTSC-SLs). June.

USEPA, 2020. Regional Screening Levels (RSLs). May.

GSI ENVIRONMENTAL

Table 3B: ANALYTICAL RESULTS FOR VOCs IN SOIL SAMPLES [1]

Parcel A, North Campus

850 Lagoon Drive and 390, Bay Blvd., Chula Vista, California

Location ID	Sample Date	Units	Sample Depth (ft/bgs)	Acetone	Tetrachloroethene	Trichloroethene
PW-01A	7/29/2020	µg/Kg	1.5	<94	<4.7	<4.7
PW-01B	7/29/2020	µg/Kg	1.5	<91	<4.5	<4.5
PW-02	7/29/2020	µg/Kg	2	<96	<4.8	**140**
PW-03	7/29/2020	µg/Kg	5.5	<130	<6.4	**11**
PW-06	7/29/2020	µg/Kg	3	<74	<3.7	**20**
PW-07	7/28/2020	µg/Kg	1.5	**150**	<5.7	**23**
PW-11	7/28/2020	µg/Kg	1.5	**210**	<7.1	<7.1
PW-12	7/28/2020	µg/Kg	1.5	**150**	**4.7**	<4.2
Commercial Screening Levels [2]						
			DTSC-SL	670,000,000	2,700	6,000

Notes

1. Soil samples collected by GSI Environmental, Inc. (GSI) and analyzed for volatile organic compounds (VOCs) using USEPA Methods 8260B; only the detected concentrations are presented.
2. DTSC screening levels (DTSC-SLs) for commerical/industrial land use are the Regional Screening Levels (RSLs) for soil published by USEPA (May 2020), as endorsed or modified by DTSC in Human Health Risk Assessment Note 3 (June 2020).

Abbreviations

bold = analyte detected above the reporting limit
bgs = below ground surface
µg/Kg = micrograms per kilogram
DTSC = California Environmental Protection Agency, Department of Toxic Substances Control
USEPA = United States Environmental Protection Agency

References

DTSC, 2020. Department of Toxic Substances Control (DTSC). Human Health Risk Assessment (HHRA) Note, HERO HHRA Note 3, DTSC-modified Screening Levels (DTSC-SLs). June.
USEPA, 2020. Regional Screening Levels (RSLs). May.

GSI ENVIRONMENTAL

Table 3C: ANALYTICAL RESULTS FOR TPH IN SOIL SAMPLES [1]

Parcel A, North Campus

850 Lagoon Drive and 390, Bay Blvd., Chula Vista, California

Location ID	Sample Date	Sample Depth (ft/bgs)	DRO C10-C28 (mg/Kg)	TPH as Gasoline (µg/Kg)	ORO C28-C44 (mg/Kg)
PW-01A	7/29/2020	1.5	<10	<94	<20
PW-01B	7/29/2020	1.5	<10	<91	<20
PW-02	7/29/2020	2	<10	**160**	<20
PW-06	7/29/2020	3	<10	<74	<20
PW-07	7/28/2020	1.5	**610**	<5.7	**1,200**
PW-11	7/28/2020	1.5	**53**	<7.1	**240**
PW-12	7/28/2020	1.5	<100	<4.2	<200
Commercial Screening Levels [2]					
		ESL	1,200	2,000	180,000

Notes

1. Soil samples collected by GSI Environmental, Inc. (GSI) and analyzed for total petroleum hydrocarbons (TPH) quantified as gasoline range organics using USEPA Method 8260B, and TPH quantified as diesel range organics (DRO) and TPH quantified as oil range organics (ORO) using USEPA Method 8015M; only the detected concentrations are presented.
2. DTSC has not published screening levels DRO or ORO; therefore, analytical results are presented with Environmental Screening Levels (ESLs) published by the San Francisco Bay Regional Water Quality Control Board (2019).

Abbreviations

bold = analyte detected above the reporting limit
bgs = below ground surface
mg/Kg = milligrams per kilogram
µg/Kg = micrograms per kilogram
DTSC = California Environmental Protection Agency, Department of Toxic Substances Control
USEPA = United States Environmental Protection Agency

References

San Francisco Regional Water Quality Control Board, 2019, Environmental Screening Levels (ESLs), February.

GSI ENVIRONMENTAL

Table 3D: ANALYTICAL RESULTS FOR PCBs IN SOIL SAMPLES[1]

Parcel A, North Campus

850 Lagoon Drive and 390, Bay Blvd., Chula Vista, California

Location ID	Sample Date	Units	Sample Depth (ft/bgs)	Aroclor-1260
PW-01A	7/29/2020	µg/Kg	1.5	<50
PW-01B	7/29/2020	µg/Kg	1.5	<50
PW-02	7/29/2020	µg/Kg	2	<50
PW-03	7/29/2020	µg/Kg	5.5	<49
PW-06	7/29/2020	µg/Kg	3	<50
PW-07	7/28/2020	µg/Kg	1.5	<50
PW-11	7/28/2020	µg/Kg	1.5	**180**
PW-12	7/28/2020	µg/Kg	1.5	<50
PW-15	7/28/2020	µg/Kg	1	<50
Commercial Screening Levels [2]				
			DTSC-SL	990

Notes

1. Soil samples collected by GSI Environmental, Inc. (GSI) and analyzed for volatile organic compounds (VOCs) using USEPA Methods 8082; only the detected concentrations are presented.
2. DTSC screening levels (DTSC-SLs) for commerical/industrial land use are the Regional Screening Levels (RSLs) for soil published by USEPA (May 2020), as endorsed or modified by DTSC in Human Health Risk Assessment Note 3 (June 2020).

Abbreviations

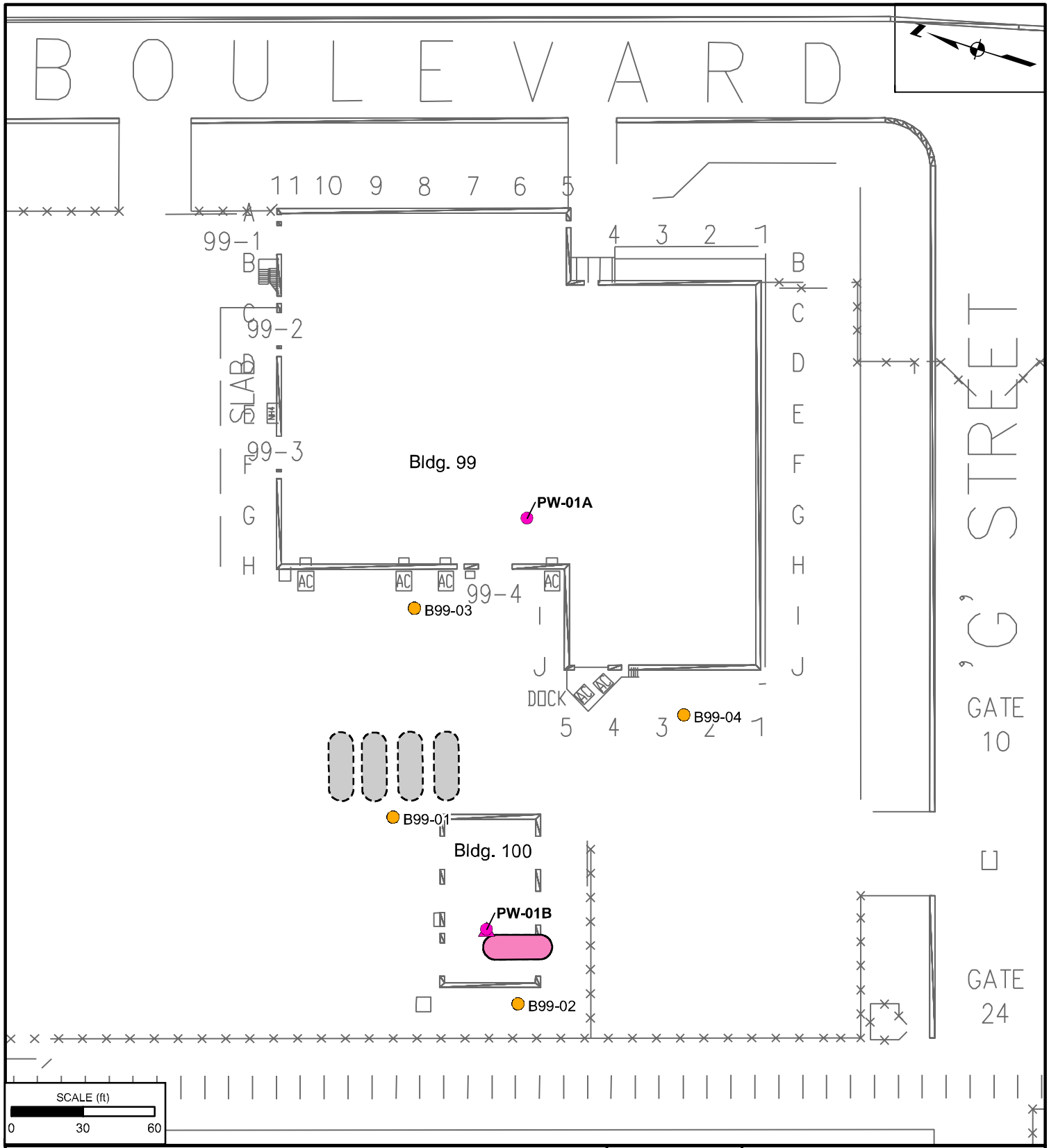
bold = analyte detected above the reporting limit
bgs = below ground surface
µg/Kg = microgram per kilogram
DTSC = California Environmental Protection Agency, Department of Toxic Substances Control
USEPA = United States Environmental Protection Agency

References

DTSC, 2020. Department of Toxic Substances Control (DTSC). Human Health Risk Assessment (HHRA) Note, HERO HHRA Note 3, DTSC-modified Screening Levels (DTSC-SLs). June.
USEPA, 2020. Regional Screening Levels (RSLs). May.

Figures

Figure 1. Soil and Soil Vapor Sample Locations – Buildings 99 and 100
Figure 2. Soil Vapor Sample Locations – Building 29
Figure 3. Soil Sample Locations – Building 29



LEGEND

- Soil Location
- H&A Soil Location
- Soil Vapor Location
- Former mills (lathes)
- Clean out
- Floor drain
- Catch basin
- Drains
- Pit

CURRENT / FORMER STORAGE UTILITIES

- Underground vessel (UV)
- Aboveground storage tank (AST)
- Paint booth
- Underground storage tank (UST) based on DEH evaluation
- Degreaser

Notes:

1. Based map and location of site features from Haley & Aldrich (2020).
2. Locations are approximate.

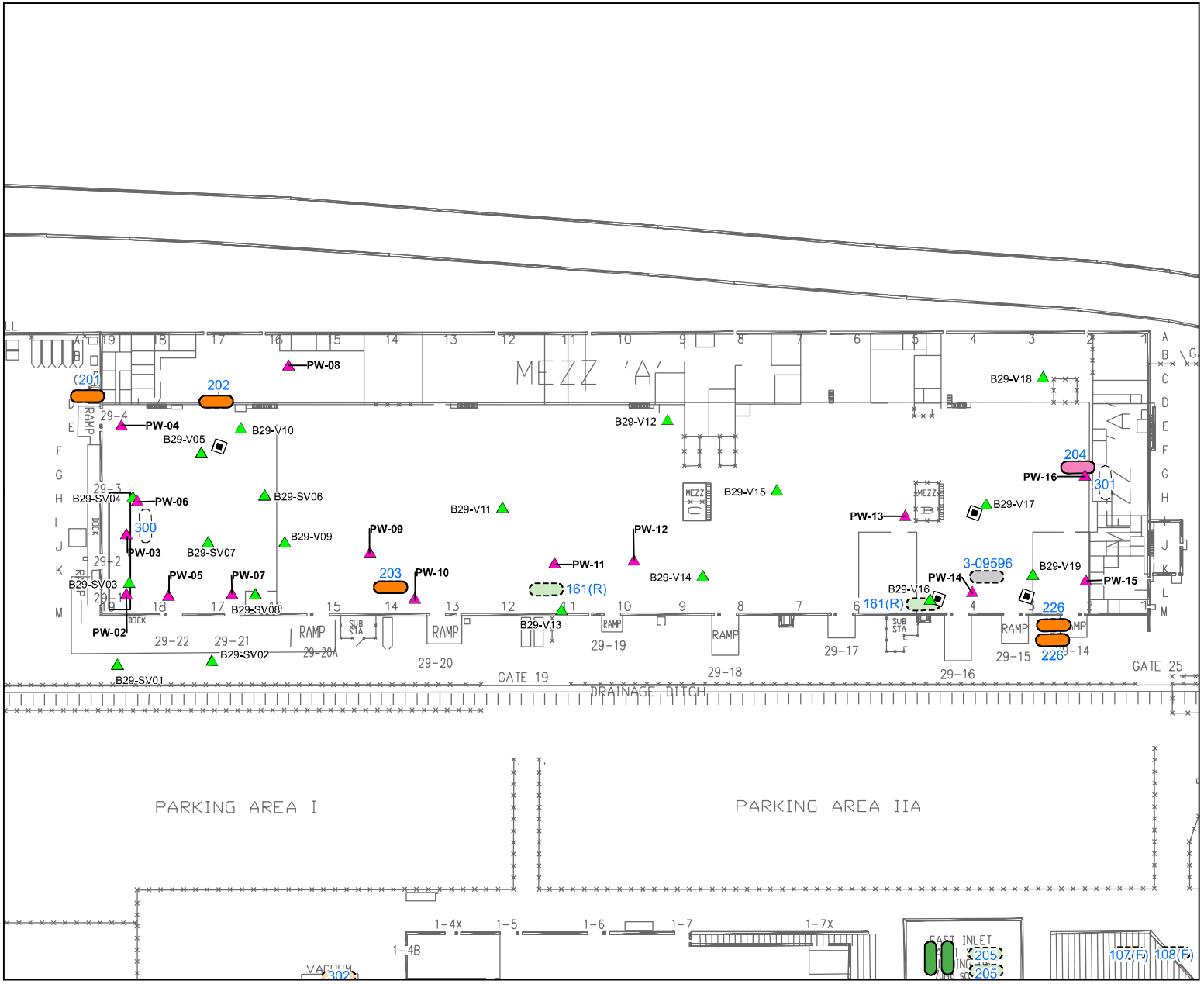
GSI Job No.	5524
Issued:	25-AUG-20
Projection:	NAD83 State Plane, California VI
Map ID:	001_03
Drawn by:	XO
Reviewed by:	SC
Approved by:	gbm

FIGURE 1

GSI ENVIRONMENTAL

SOIL AND SOIL VAPOR SAMPLE LOCATIONS BUILDINGS 99 AND 100

Chula Vista, California



LEGEND

- Soil Vapor Location
- H&A Soil Vapor Location
- Former mills (lathes)
- Pit

CURRENT / FORMER STORAGE UTILITIES

- Underground vessel (UV)
- Aboveground storage tank (AST)
- Paint booth
- Underground storage tank (UST) based on DEH evaluation
- Degreaser

Notes:

1. Based map and location of site features from Haley & Aldrich (2020).
2. Locations are approximate.

SCALE (ft) 0 50 100

State Plane Coordinate System
Datum: NAD83
California VI, Feet

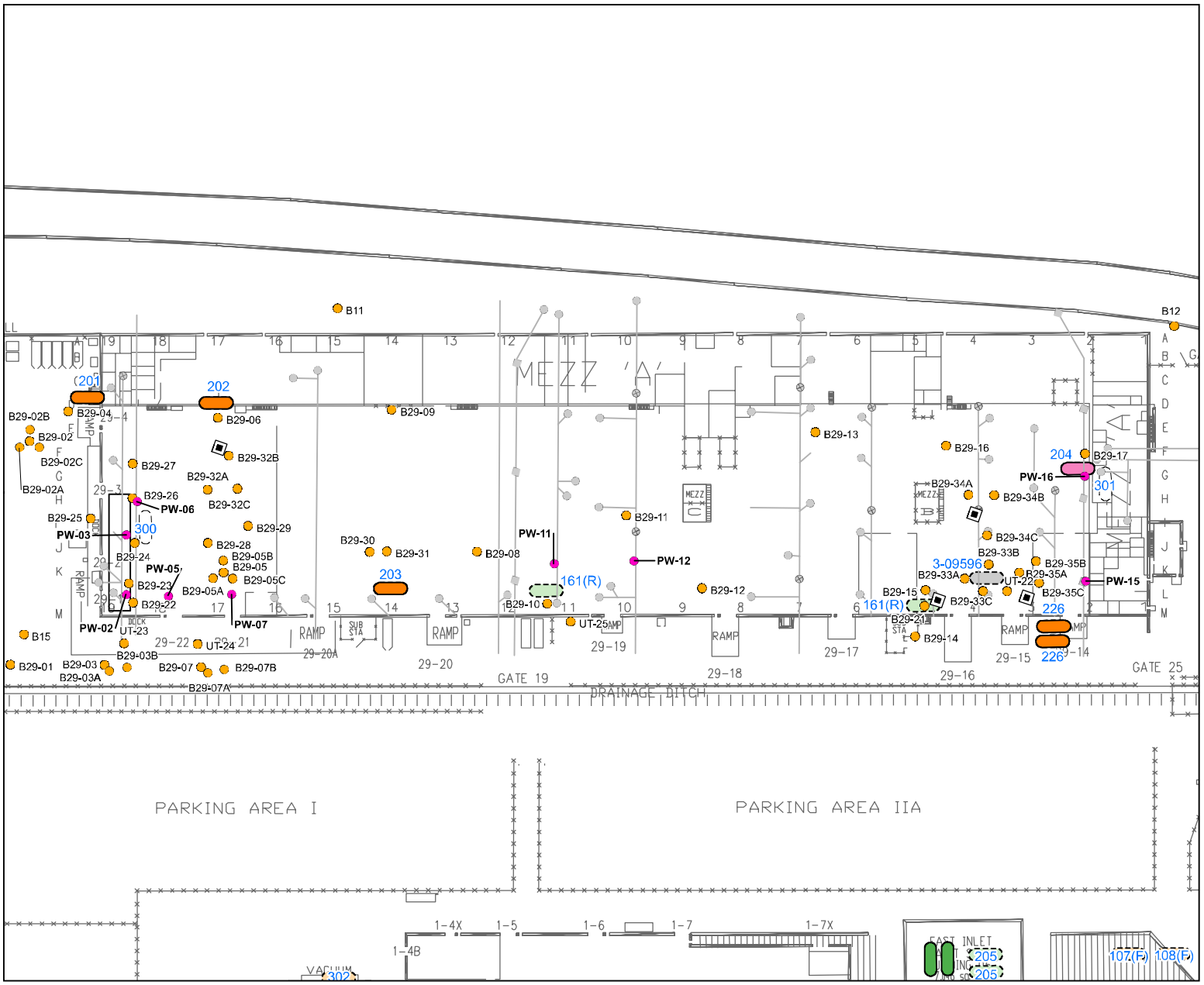
GSI ENVIRONMENTAL

SOIL VAPOR SAMPLE LOCATIONS BUILDING 29

Chula Vista, California

GSI Job No.	5524	Drawn By:	AV/XO
Issued:	25-AGO-20	Chk'd By:	SC
Map ID:	001_01	Appv'd By:	gbm

FIGURE 2



LEGEND

- Soil Location
- H&A Soil Location
- Former mills (lathes)
- Pit
- Catch basin
- Clean out
- Floor drain
- Drains

CURRENT / FORMER STORAGE UTILITIES

- Underground vessel (UV)
- Aboveground storage tank (AST)
- Paint booth
- Underground storage tank (UST) based on DEH evaluation
- Degreaser

Notes:

1. Based map and location of site features from Haley & Aldrich (2020).
2. Locations are approximate.

SCALE (ft) 0 50 100

State Plane Coordinate System
Datum: NAD83
California VI, Feet

GSI ENVIRONMENTAL

SOIL SAMPLE LOCATIONS BUILDING 29

Chula Vista, California

GSI Job No.	5524	Drawn By:	AV/XO
Issued:	25-AUG-20	Chk'd By:	SC
Map ID:	001_02	Appv'd By:	gbm

FIGURE 3

PARTNER
Engineering and Science, Inc.®

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Bay Boulevard- Parcel A
350, 360, 364, and
368 Bay Boulevard
Chula Vista, CA 91910

Report Date: December 28, 2020
Partner Project No. 20-282919.2

Prepared for:

PSIP Wohl Bay Boulevard LLC
2251 San Diego Avenue, Suite A-247
San Diego, California 92110

PARTNER
Engineering and Science, Inc.

December 28, 2020

Ms. Katrina Snyder
PSIP Wohl Bay Boulevard LLC
2251 San Diego Avenue, Suite A-247
San Diego, California 92110

Subject: **Phase I Environmental Site Assessment**
350, 360, 364, and 368 Bay Boulevard
Chula Vista, CA 91910
Partner Project No. 20-282919.2

Dear Ms. Snyder:

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

This assessment included research of the use and history of the subject property and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made with these limitations and conclusions stated.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (626) 604-5203 or Marias@partneresi.com.

Sincerely,

Mike Arias
Principal

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by PSIP Wohl Bay Boulevard LLC for the property located at 350, 360, 364, and 368 Bay Boulevard, Chula Vista, CA 91910 in San Diego, San Diego County, California (the "subject property"). The Phase I ESA is designed to provide PSIP Wohl Bay Boulevard LLC with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the west side of Bay Boulevard, between G Street and Lagoon Drive, within an industrial area of San Diego County. Please refer to the table below for further description of the subject property:

Subject Property Data	
Addresses:	350, 360, 364, and 368 Bay Boulevard, Chula Vista, CA 91910
Historical Addresses:	362 Bay Boulevard
Property Use:	Vacant Parcels
Land Acreage (Ac):	2.63 Ac Total: 0.65 Ac (567-022-17); 0.73 Ac (567-022-31); 0.63 Ac (567-022-33); and 0.62 Ac (567-022-28)
Number of Buildings:	Not applicable
Assessor's Parcel Number (APN):	567-022-17 (350 Bay Boulevard/Rohr Property ID 5) 567-022-31 (360 Bay Boulevard/Rohr Property ID 8) 567-022-33 (364 Bay Boulevard/Rohr Property ID 9) 567-022-28 (368 Bay Boulevard/Rohr Property ID 6)
Current Tenants:	Vacant Land
Site Assessment Performed By:	Heather Hodgetts of Partner*
Site Assessment Conducted On:	December 22, 2020

The subject property consists of four parcels of vacant land covered with low-lying vegetation. The four parcels are owned by Rohr, Inc. since 1999. The parcels are identified by site addresses and Rohr Inc. ID numbers: 350 Bay Boulevard (Rohr Property ID 5); 360 Bay Boulevard (Rohr Property ID 8); 364 Bay Boulevard (Rohr Property ID 9); and 368 Bay Boulevard (Rohr Property ID 6). The subject property is surrounded by a secure fence. Access to the subject property is via a gate along Bay Boulevard.

Based on the historical research and previous reports, the subject property was undeveloped or vacant land in 1904 and agriculturally developed land by 1949. From 1953 to at least 1985, the subject property was developed with multiple small industrial structures. Businesses reportedly included aircraft parts manufacturing, refrigeration unit repair, storage, junkyards, and a veterinary hospital. According the city directories, former tenants on the subject property appeared to include Bonita Garden Accessories, Casey Construction Co. (1955); B&H Metal Co., Hammer Benj W, South Bay Veterinary Hospital, Lyman Jos, Mansell Marine Inc. engine exchange, Mansell Earl A (1955-1960); Post Aircraft Co. Inc. (1960); A&R Used Auto Parts wreckers, South Bay Vet Hospital, South Bay Marine boat sales & repair (1965); Jackson Import Auto, A&R

Used Truck Parts, SD Pump & Compressor Supply (1971-1986); Durrant Marcia A, Elliott Carol (1979-1982); Edwards Hugh L (1982-1986); and Jennings Dale J (1986). By the mid-1980s, the businesses at the subject property and adjacent parcels to the north ceased operations and the land was acquired by the City of Chula Vista. In the late 1980s, the adjacent Rohr Aircraft Corp. (Rohr) considered purchasing the subject property and adjacent parcels to the north to construct their headquarters and subsequently acquired the subject property as part of its Relocation Agreement executed by the City of Chula Vista and the San Diego Unified Port District in 1999. The subject property has remained vacant land since 1999.

In the late 1980s, the environmental due diligence conducted by Rohr identified recognized environmental conditions (RECs) at the subject property and the adjacent property to the north. Regulatory cases were opened with the Couth of San Diego Department of Environmental Health (DEH) for subject property (350-360 Bay Boulevard) and the adjacent properties to the north (340 and 390 Bay Boulevard and 798 Lagoon Drive), commonly referred to as Rohr IDs 4, 11, 10, 5, and 8; the Bay Boulevard Parcels; or Vacant Bay Boulevard Properties. Between 1987 and 2007, soil and groundwater investigations, some soil remediation and groundwater monitoring was conducted on the parcels under the oversight of the DEH. No Further Action (NFA) Letters were issued by DEH in 2001, 2004, 2006, and 2007.

Between 1987 and 2001, environmental investigations were conducted at the subject property (350-360 Bay Boulevard – DEH Establishment # H26520-001). The former use of the subject property included an auto repair/salvage yard (with gold ore extraction) and the storage of used appliances. The investigations included soil and groundwater samples for lead, pesticides and polychlorinated biphenyls (PCBs). Lead and Total Petroleum Hydrocarbons (TPH) was identified in soil. Trichloroethene (14 micrograms per liter (µg/l in MW-2) and Chloroform (3-5 µg/l in MW-1 to MW-3) were identified in three wells onsite and the adjacent Rohr site (located adjacent to the west, southwest, south). Concentrations were detected above the recommended California State Action Level of 5 µg/l. Groundwater impacts were thought to have originated offsite. It was not clear from the documents reviewed how long groundwater continued to be monitored. Pesticides and PCBs were detected at relatively low concentrations (below concentrations requiring action).

According to the Case Closure Summary dated September 6, 2001, the subject property was identified as a Vacant Lot (350-360 Bay Boulevard) owned by the City of Chula Vista. In February 2001, approximately 800 cubic yards lead contaminated soil were excavated to a depth of 2 feet and disposed offsite to the Otay Class I Landfill. Confirmation soil samples were collected from the perimeter and the floor of the footprint of the excavation at statistically random locations. The consultant concluded that the mean total lead concentration in-situ soils at the site was 54 milligram per kilogram (mg/kg) and the upper 95% confidence interval was 71 mg/kg, both lower than the residential (PRG) of 400 mg/kg. The consultant concluded that this soil contamination did not present a human health risk at the subject property. The proposed future use of the site was listed as light industrial with paved areas and building on concrete slabs. On September 17, 2001, DEH issued a No Further Action (NFA) letter.

In July 2016, Haley and Aldrich, Inc. prepared a Phase I ESA for the subject property and adjacent properties to the north for Rohr, the property owner. Rohr was proposing to sell the Bay Boulevard parcels. The subject property was vacant land at the time of the 2016 assessment. Haley and Aldrich, Inc. identified the following

RECs, associated with lead, pesticides, and Polychlorinated Biphenyls (PCBs), in connection with the subject property and adjacent properties:

Onsite RECs

- Lead in Soil (Rohr IDs 5 and 8 -350-360 Bay Boulevard): In 2001, approximately 1,500 cubic yards of surface soil containing lead was excavated and used as foundation material for the cap at the Otay Class I Landfill. Regulatory oversight was conducted under the DEH VAP. An NFA letter was issued to the City of Chula Vista, but it was not posted on the GeoTracker website nor was it noted in the EDR Database Report. The subject property cleanup level for lead at that time was the residential California Human Health Screening Level (CHHSL) of 150 milligrams per kilogram (mg/kg); the current residential CHHSL for lead is 80 mg/kg.
- PCBs in Soil (All Rohr IDs): PCBs were detected by URS Corporation (URS) in the drainage swale along the western boundary of the subject property (URS 2015). The source of the PCBs is not known. PCBs were also present in soil on the Rohr IDs 5 and 8 parcels at concentrations up to 7.4 mg/kg. It was unclear whether PCB-containing soil on these parcels had been characterized and removed.
- Agricultural Property Use (All Rohr IDs): The subject property had a history of agricultural use for cultivating citrus and row crops prior to the 1950s. There was the potential that pesticides, both inorganic (containing metals) and organic may have been used to control pests.

In December 2016, Haley and Aldrich, Inc. prepared a Phase II investigation for the subject property to investigate the RECs identified in the June 2016 ESA. The soil analytical results were compared to the U.S. EPA Region 9 Regional Screening Levels (RSLs) and, for lead, the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO). Arsenic concentrations were compared to DTSC established background concentrations for Southern California of 12 milligrams per kilogram (mg/kg). Analytical indicated the following:

Soil

- The concentrations of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), arsenic, PCBs detected were below their respective residential RSLs.
- Total Petroleum Hydrocarbons (TPH) were detected at concentrations between 3.3 J to 190 mg/kg at 350, 360, 364, and 368 Bay Boulevard.
- Thallium (0.156 J to 0.929 mg/kg) was detected at 364 Bay Boulevard (Rohr Property ID 9) above the residential RSL, but below the commercial/industrial RSL.

Groundwater

- VOCs was detected in the groundwater were below the MCL and the vapor-intrusion screening levels for these compounds.
- The arsenic concentration (0.0149 mg/l and 0.0112 mg/l) was slightly above the MCL of 0.010 mg/l at 360 and 368 Bay Boulevard/Rohr Property IDs 8 and 6.

The site investigation is now part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. On April 9, 2018, Haley & Aldrich and Rohr met with the RWQCB to discuss the results of the 2016 Phase II investigation and additional scope of work. The scope of work included a soil vapor survey; however, Haley & Aldrich indicated that it was eliminated from the scope since Rohr will require that any buildings constructed on the subject property by a buyer include a vapor barrier as part of the property transaction. On December 26, 2018, Haley and Aldrich, Inc. submitted a Work Plan for Additional Investigation to the RWQCB. The proposed sample locations were located on the parcels adjacent to the north of the subject property.

During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties	
Northwest:	Vacant land at 340 Bay Boulevard and 798 F Street (Collins Aerospace (Rohr ID 10, 4, and 11), followed by Lagoon Drive.
Northeast:	Bay Boulevard, followed by Interstate 5 Freeway, railroad tracks, Sweetwater Authority (744 F Street and Cabrillo Motor Lodge (731 G Street).
Southeast:	Collins Aerospace (Rohr Buildings 99/10) at 390 Bay Boulevard, followed by G Street.
Southwest:	Stormwater ditch, railroad tracks, electrical transmission line, followed by Collins Aerospace (former UTC Aerospace/Rohr Inc./Goodrich Corporation) at 850 Lagoon Drive.

According to 2017 groundwater sampling data at the subject property and topographic map interpretation, the depth to groundwater in the vicinity of the subject property is inferred to be approximately 20 to 35 feet below ground surface (bgs) and flows to the west (Haley & Aldrich, Inc., January 11, 2018).

Findings

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

- The subject property and adjacent properties are part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. Onsite soil and groundwater sampling indicted that:
    - Thallium was detected in soil at 364 Bay Boulevard (Rohr Property ID 9) above the residential RSL, but below the commercial/industrial RSL.
    - Arsenic was detected in groundwater was slightly above the MCL of 0.010 mg/l at 360 and 368 Bay Boulevard (Rohr Property IDs 8 and 6).

  The investigation is ongoing and considered a REC. Additional sampling is proposed for the adjacent parcels to the north.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable

regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- Partner did not identify controlled recognized environmental conditions during the course of this assessment.

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

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

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion.

- Partner did not identify environmental issues during the course of this assessment.

Conclusions and Opinions

Partner has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of 350, 360, 364, and 368 Bay Boulevard, Chula Vista, CA 91910 in San Diego, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in **Section 1.5** of this report.

With consideration of the access limitations stated herein, this assessment has revealed evidence of recognized environmental conditions in connection with the subject property.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 350, 360, 364, and 368 Bay Boulevard, Chula Vista, CA 91910 in San Diego, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances.

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

1.2 Scope of Work

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a limited property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

1.3 Limitations

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

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

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

1.4 User Reliance

PSIP Wohl Bay Boulevard LLC engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of PSIP Wohl Bay Boulevard LLC. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

1.5 Limiting Conditions

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

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

- Interviews with past owners, past operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in **Section 3.0**), this data gap is not expected to alter the findings of this assessment.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 350, 360, 364, and 368 Bay Boulevard in Chula Vista, California is located on the west side of Bay Boulevard, between G Street and Lagoon Drive. According to the San Diego Geographic Information Source (SanGIS) online database, the subject property is identified by Assessor's Parcel Numbers (APNs) 567-022-17 (350 Bay Boulevard/Rohr Property ID 5); 567-022-31 (360 Bay Boulevard/Rohr Property ID 8), 567-022-33 (364 Bay Boulevard/Rohr Property ID 9); and 567-022-28 (368 Bay Boulevard/Rohr Property ID 6). According to the San Diego County Treasurer-Tax website, ownership has been vested in Rohr Inc. since 1999.

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

2.2 Current Property Use

The subject property consists of four parcels of vacant land covered with low-lying vegetation. The four parcels are owned by Rohr, Inc. since 1999. The parcels are identified by site addresses and Rohr Inc. ID numbers: 350 Bay Boulevard (Rohr Property ID 5); 360 Bay Boulevard (Rohr Property ID 8); 364 Bay Boulevard (Rohr Property ID 9); and 368 Bay Boulevard (Rohr Property ID 6). The subject property is surrounded by a secure fence. Access to the subject property is via a gate along Bay Boulevard.

The subject property is zoned Local Coastal Program Specific Plan Area for industrial development by the City of Chula Vista.

The subject property is identified in the regulatory database report of **Section 4.2**.

2.3 Current Use of Adjacent Properties

The subject property is located within an industrial area of San Diego County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties	
Northwest:	Vacant land at 340 Bay Boulevard and 798 F Street (Collins Aerospace (Rohr ID 10, 4, and 11), followed by Lagoon Drive.
Northeast:	Bay Boulevard, followed by Interstate 5 Freeway, railroad tracks, Sweetwater Authority (744 F Street and Cabrillo Motor Lodge (731 G Street).
Southeast:	Collins Aerospace (Rohr Buildings 99/10) at 390 Bay Boulevard, followed by G Street.
Southwest:	Stormwater ditch, railroad tracks, electrical transmission line, followed by Collins Aerospace (former UTC Aerospace/Rohr Inc./Goodrich Corporation) at 850 Lagoon Drive.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *National City, California* Quadrangle 7.5-minute series topographic map, dated 2012, was reviewed for this ESA. According to the contour lines on the topographic

map, the subject property is located at approximately 25 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the southwest.

A copy of the 2012 topographic map is included as **Figure 3** of this report.

2.4.2 Hydrology

According to topographic map interpretation, groundwater in the vicinity of the subject property is inferred to flow toward the southwest. The nearest surface water in the vicinity of the subject property is the San Diego Bay located approximately 0.40-miles west of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment. A stormwater ditch was located adjacent to the west of the subject property.

According to 2017 groundwater sampling data at the subject property and topographic map interpretation, the depth to groundwater in the vicinity of the subject property is inferred to be approximately 20 to 35 feet below ground surface (bgs) and flows to the west (Haley & Aldrich, Inc., January 11, 2018).

2.4.3 Geology/Soils

The site is located in the Peninsular Ranges geomorphic province. The Peninsular Ranges are a northwest-southwest oriented complex of blocks separated by similarly trending faults. They extend from the Transverse Ranges and the Los Angeles Basin south to the Mexican border and beyond to the tip of Baja California and are bounded on the east by the Colorado Desert and the Gulf of California. The Peninsular Ranges contain minor Jurassic and extensive Cretaceous igneous rocks associated with the Nevadan plutonism. Marine Cretaceous sedimentary rocks are well represented and post-Cretaceous rocks form a restricted veneer of volcanic, marine, and nonmarine sediments.

According to a 2017 investigation at the subject property, the subject property is underlain by artificial fill and the Bay Point and San Diego Formations. Soil at the site is a mixture of interbedded sand, silt, and clay (Haley & Aldrich, Inc., January 11, 2018).

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map (FIRM), published by the Federal Emergency Management Agency (FEMA). According to Community Panel Number 06073C1913H, dated December 20, 2019, the subject property appears to be located in Zone X (unshaded), defined as an area of minimal flood hazard.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. Information regarding past land use was obtained by a review of historical aerial photographs, historical Sanborn Fire Insurance maps, city directories, historical topographic maps, and previous reports of the subject property and surrounding area obtained from Environmental Data Resources (EDR). Copies of the historical resources are included in **Appendix B**. A chronological listing of the historical data found is summarized in the table below.

Date	Scale or Address	Source	Summary
1904, 1930, 1943, 1944	1: 62,500	Topographic Map	Various improved roads and railroad lines are shown throughout the surrounding area. The subject property and adjacent properties are depicted as vacant land. Railroad tracks are located adjacent to the west. By 1943, G Street is located further to the south.
1949	1"=500'	Aerial Photograph	The subject property is depicted as agriculturally developed land. Surrounding properties consist of agriculturally developed land to the north, east, and south. Rohr Aircraft Corp. is located to the west-southwest. with scattered residences to the southwest.
1953, 1964, 1966, 1970, 1979, 1985	1"=500'	Aerial Photograph	The subject property is depicted with multiple structures. Bay Boulevard is located adjacent to the east, followed by Interstate 5. Railroad tracks are located adjacent to the west. By 1964, an increase in industrial development is visible adjacent to the subject property. A trailer park was located adjacent to the south from 1964 to at least 1970.
1953, 1967, 1975	1:24,000	Topographic Map	The subject property is depicted as developed with one small structure on the northeast corner. By 1967, several small structures are located onsite. Bay Boulevard is located adjacent to the east, followed by Interstate 5. Railroad tracks are located adjacent to the west. Several structures are depicted adjacent to the north.
1955	350 Bay Blvd.	City Directories	Bonita Garden Accessories, Casey Construction Co.
1955-1960	360 Bay Blvd. 364 Bay Blvd. 368 Bay Blvd.	City Directories	B&H Metal Co., Hammer Benj W South Bay Veterinary Hospital, Lyman Jos Mansell Marine Inc. engine exchange, Mansell Earl A

Date	Scale or Address	Source	Summary
1960	364 Bay Blvd.	City Directories	Post Aircraft Co. Inc.
1965	360 Bay Blvd. 364 Bay Blvd. 368 Bay Blvd.	City Directories	A&R Used Auto Parts wreckers South Bay Vet Hospital South Bay Marine boat sales & repair
1971-1986	350 Bay Blvd. 360 Bay Blvd. 368 Bay Blvd.	City Directories	Jackson Import Auto A&R Used Truck Parts SD Pump & Compressor Supply
1979-1982	368 ½ Bay Blvd.	City Directories	Durrant Marcia A, Elliott Carol
1982-1986	362 Bay Blvd.	City Directories	Edwards Hugh L
1986	368 ½ Bay Blvd.	City Directories	Jennings Dale J
1989, 2005, 2009, 2012, 2016	1"=500'	Aerial Photograph	The subject property is vacant land. The former buildings appear to have been removed. Surrounding properties consist of industrial buildings to the north and south; railroad tracks, a parking lot and Rohr property to the west; and Bay Boulevard and Interstate 5 to the east. By 2005, the buildings located adjacent to the north have been removed.
1992, 1995, 2000, 2005, 2010, 2014, 2017	350, 360, 364, and 368 Bay Blvd.	City Directories	No Listings
1996	1:24,000	Topographic Map	The subject property is shaded red indicating urban development.
2001	350-360 Bay Blvd.	Regulatory Records	No Further Action (NFA) letter dated September 17, 2001 issued following the removal of 800 cubic yards lead contaminated soil on February 5, 2001.
2012	1:24,000	Topographic Map	Current street configuration is depicted. Bay Boulevard is depicted to the east.
2020	350, 360, 364, and 368 Bay Blvd.	Site Visit	Vacant land

Based on the historical research and previous reports, the subject property was undeveloped or vacant land in 1904 and agriculturally developed land by 1949. From 1953 to at least 1985, the subject property was developed with multiple small industrial structures. Businesses reportedly included aircraft parts manufacturing, refrigeration unit repair, storage, junkyards, and a veterinary hospital. According the city directories, former tenants on the subject property appeared to include Bonita Garden Accessories, Casey

Construction Co. (1955); B&H Metal Co., Hammer Benj W, South Bay Veterinary Hospital, Lyman Jos, Mansell Marine Inc. engine exchange, Mansell Earl A (1955-1960); Post Aircraft Co. Inc. (1960); A&R Used Auto Parts wreckers, South Bay Vet Hospital, South Bay Marine boat sales & repair (1965); Jackson Import Auto, A&R Used Truck Parts, SD Pump & Compressor Supply (1971-1986); Durrant Marcia A, Elliott Carol (1979-1982); Edwards Hugh L (1982-1986); and Jennings Dale J (1986). By the mid-1980s, the businesses at the subject property and adjacent parcels to the north ceased operations and the land was acquired by the City of Chula Vista. In the late 1980s, the adjacent Rohr Aircraft Corp. (Rohr) considered purchasing the subject property and adjacent parcels to the north to construct their headquarters and subsequently acquired the subject property as part of its Relocation Agreement executed by the City of Chula Vista and the San Diego Unified Port District in 1999. The subject property has remained vacant land since 1999.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 Health Department

Regulatory Agency Data	
Name of Agency:	San Diego County Department of Environmental Health (DEH)
Point of Contact:	Mr. Edwin Andrus
Agency Address:	P.O. Box 129261, San Diego, California 92112-9261
Agency Phone Number:	(858) 505-6848
Date of Contact:	December 9, 2020
Method of Communication:	Email
Summary of Communication:	

On December 9, 2020, Partner received a reply from the DEH stating they have records for the subject property address.

- In the late 1980s, the environmental due diligence conducted by Rohr identified recognized environmental conditions (RECs) at the subject property and the adjacent property to the north. Regulatory cases were opened with the Couth of San Diego Department of Environmental Health (DEH) for subject property (350-360 Bay Boulevard) and the adjacent properties to the north (340 and 390 Bay Boulevard and 798 Lagoon Drive), commonly referred to as Rohr IDs 4, 11, 10, 5, and 8; the Bay Boulevard Parcels; or Vacant Bay Boulevard Properties. Between 1987 and 2007, soil and groundwater investigations, some soil remediation and groundwater monitoring was conducted on the parcels under the oversight of the DEH. No Further Action (NFA) Letters were issued by DEH in 2001, 2004, 2006, and 2007.

- Between 1987 and 2001, environmental investigations were conducted at the subject property (350-360 Bay Boulevard – DEH Establishment # H26520-001). The subject property consisted of three properties located on Bay Boulevard (350, 360, and 364 Bay Boulevard). The former use of the subject property included an auto repair/salvage yard (with gold ore extraction) and the storage of used appliances. The investigations included soil and groundwater samples for lead, pesticides and polychlorinated biphenyls (PCBs). Lead and Total Petroleum Hydrocarbons (TPH) was identified in soil. Trichloroethene (14 micrograms per liter (µg/l in MW-2) and Chloroform (3-5 µg/l in MW-1 to MW-3) were identified in three wells onsite and the adjacent Rohr site (located adjacent to the west, southwest, south). Concentrations were detected above the recommended California State Action Level of 5 µg/l. Groundwater impacts were thought to have originated offsite. It was not clear from the documents reviewed how long groundwater continued to be monitored. Pesticides and PCBs were detected at relatively low concentrations (below concentrations requiring action).

- On January 9, 2001, a County of San Diego County DEH Voluntary Assistance Program (VAP) Application was submitted by Rohr, Inc. and received on January 9, 2001 for Establishment # H26520-001 (350-360 Bay Boulevard). The project was described as the excavation of approximately 1,500 cubic yards of shallow soil impacted by lead. The soil was reclassified as non-hazardous waste by DTSC and the City would like the lead-containing soil to the Otay Class I Landfill. Rohr, Inc. was

requesting review of the work plan and issuance of a no further action (NFA) at the conclusion of confirmation sampling.

- According to the Case Closure Summary dated September 6, 2001, the subject property identified as a Vacant Lot (350-360 Bay Boulevard) owned by the City of Chula Vista. Previous site uses included agricultural farming, auto wreaking, and auto repair. Lead contaminated soil was encountered during a geophysical investigation. Approximately 800 cubic yards lead contaminated soil were excavated to a depth of 2 feet and disposed offsite to the Otay Class I Landfill. Confirmation soil samples were collected from the perimeter and the floor of the footprint of the excavation at statistically random locations. The consultant concluded that the mean total lead concentration in-situ soils at the site was 54 milligram per kilogram (mg/kg) and the upper 95% confidence interval was 71 mg/kg, both lower than the residential (PRG) of 400 mg/kg. The consultant concluded that this soil contamination did not present a human health risk at the subject property. The proposed future use of the site was listed as light industrial with paved areas and building on concrete slabs.
- On September 17, 2001, DEH issued a No Further Action (NFA) letter to the City of Chula Vista following the removal of 800 cubic yards lead contaminated soil on February 5, 2001. A copy of the NFA letter is provided in **Appendix B**.
- In 2016 and 2017, an application and boring completion report were submitted on behalf of Rohr, Inc. for the advancement of six borings at the Vacant Bay Boulevard Properties (Bay Boulevard) to collect soil and groundwater samples.

4.1.2 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	San Diego County Air Pollution Control District (APCD)
Point of Contact:	Ms. Cynthia Gould
Agency Address:	10124 Old Grove Road, San Diego, California 92131
Agency Phone Number:	(858) 586-2600
Date of Contact:	December 9, 2020
Method of Communication:	Email
Summary of Communication:	On December 10, 2020, Partner received a reply from the APCD stating they have no records for the subject property address.

4.1.3 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	Regional Water Quality Control Board (RWQCB)
Agency Website:	http://geotracker.waterboards.ca.gov/
Agency Address:	2375 Northside Drive, Suite 100, San Diego, California 92108
Agency Phone Number:	(619) 516-1990
Date of Contact:	December 9, 2020
Method of Communication:	Online
Summary of Communication:	

The subject property was identified on the GeoTracker database as part of the following adjacent investigations associated with Rohr, Inc.:

- Formerly Thermo King (Case Number T0608199629) – 340 Bay Blvd.

  In May 1992, TorStan Inc. completed a Lead, Pesticide, and Polychlorinated Biphenyl Soil Sampling Report for 350-360 Bay Boulevard. TorStan Inc. concluded that there was soluble lead contamination above the CCR STLC throughout the top six inches of soil at 350-360 Bay Boulevard.

- Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) – 850 Lagoon Drive

  According to the November 20, 2020 Conceptual Site Model (CSM) prepared by Haley & Aldrich, Inc., Rohr is in the process of decommissioning and selling portions of its facility that occupies approximately 82 acres. The Site has been divided into three parts: Parcels A, B, and C. Parcel A has been sold to PSIP Wohl Bay Boulevard LLC (Wohl); Parcel B is in the process of being sold; and Parcel C will be retained and continue to be owned and operated by Rohr. Parcel A occupies approximately 12 acres and includes APN 567-022-30-00 (located adjacent to the south of the subject property) and the eastern portion of 571-330-29-00. Three parcels including APNs 567-022-28-00, 567-022-31-00 and 567-022-33-00 and totaling approximately 2 acres (the subject property), which are currently part of Parcel C, are being purchased by Wohl.

  According to the CSM, historical environmental features on Parcel A have been investigated for their specific chemicals of potential concern (COPCs) in soil, soil vapor, indoor air, and shallow groundwater. Historical chemical sources are coincident with former Site areas associated with long-term chemical usage. VOC releases have migrated through the soil to groundwater, resulting in a groundwater plume that extends westward below Parcel B. Soil vapor has the potential to migrate through the building slab and into indoor air. Potential receptors to soil and soil vapor include an onsite commercial/industrial worker, a landscaper/utility worker, and a construction worker. Exposure pathways and receptors will be evaluated during the Human Health Risk Assessment (HHRA).

  Indoor air screening was conducted based on the findings of the soil gas surveys and addressed cracks and other penetrations to the slab in Building 29. No indoor air sampling was necessary in Buildings 99 and 100 (located adjacent to the south of the subject property). As previously noted, the Soil Remedial Action Plan (Soil RAP) will address soil during construction of the loading dock. The SSDS will also address potential vapor intrusion into the building. While indoor air sampling is a data gap, the data will only be relevant if the data are collected post-redevelopment prior to building occupancy. It is recommended that indoor air sampling be conducted at that time to address potential vapor intrusion concerns.

  Haley & Aldrich, Inc. concluded that based on their assessments, the existing soil and soil vapor data support the CSM and are adequate to proceed with an HHRA and a Soil Feasibility Study/Soil RAP (Soil FS/RAP). The COPCs analyzed, sample locations, and sample depths have been reviewed specific to each environmental feature to evaluate whether it has been adequately characterized.

Documents posted under the above case numbers are discussed in **Sections 4.2.3** and **5.2.6**.

4.1.4 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	Department of Toxic Substances Control (DTSC)
Agency Websites:	http://www.EnviroStor.dtsc.ca.gov/public/and http://hwts.dtsc.ca.gov/index.cfm
Agency Address:	5796 Corporate Avenue, Cypress, California 90630-4732
Agency Phone Number:	(714) 484-5336; (714) 484-5337
Date of Contact:	December 9, 2020
Method of Communication:	Online
Summary of Communication:	The subject property address was identified in the online DTSC EnviroStor and Hazardous Waste Tracking System (HWTS) databases. The EnviroStor and HWTS listings are discussed in **Section 4.2.2**.

4.1.5 Building Department

Regulatory Agency Data	
Name of Agency:	City of Chula Vista Development Services
Point of Contact:	https://www.chulavistaca.gov/departments/development-services/building
Agency Address:	276 Fourth Avenue, Chula Vista, California 91910
Agency Phone Number:	(619) 691-5101
Date of Contact:	June 25, 2020
Method of Communication:	Online and On File
Summary of Communication:	As of the date of this report, Partner has not received a response from the CVDS for inclusion in this report.

4.1.6 Planning Department

Regulatory Agency Data	
Name of Agency:	City of Chula Vista Planning Department
Point of Contact:	https://www.chulavistaca.gov/departments/development-services/zoning-information
Agency Address:	276 Fourth Avenue, Chula Vista, California 91910
Agency Phone Number:	(619) 691-5101
Date of Contact:	December 9, 2020
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is zoned Local Coastal Program Specific Plan Area for industrial development by the City of Chula Vista.

4.1.7 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Geologic Energy Management Division (CalGEM)
Agency Website:	http://www.conservation.ca.gov/dog/Pages/Wellfinder.aspx
Agency Address:	801 K Street, MS 24-01, Sacramento, California 95814
Agency Phone Number:	(916) 322-1080
Date of Contact:	December 9, 2020
Method of Communication:	Online

Regulatory Agency Data	
Summary of Communication:	According to CalGEM, no oil or gas wells are located on or adjacent to the subject property.

4.1.8 Assessor's Office

Regulatory Agency Data	
Name of Agency:	San Diego Geographic Information Source (SanGIS)
Agency Website:	http://www.sangis.org/
Agency Address:	5510 Overland Avenue, Suite 230, San Diego, California 92123
Agency Phone Number:	(858) 874-7000
Date of Contact:	December 9, 2020
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is identified by Assessor's Parcel Numbers (APNs) 567-022-17 (350 Bay Boulevard); 567-022-31 (360 Bay Boulevard); 567-022-33 (364 Bay Boulevard); and 567-022-28 (368 Bay Boulevard).

Copies of pertinent documents are included in **Appendix B** of this report.

4.2 Mapped Database Records Search

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

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

4.2.1 Regulatory Database Summary

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG, NonGen/NLR)	0.25	N	**Y**	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	--	--
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	N	**Y**	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	**Y**	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	**Y**	**Y**	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
EDR MGP	1.00	N	N	N
EDR US Hist Auto Station	0.125	N	N	N
EDR US Hist Cleaner	0.125	N	N	N
Additional Databases- HAZNET, HWTS, San Diego HMMD, EnviroStor	Varies	**Y**		

4.2.2 Subject Property Listings

The subject property is identified in the regulatory database report, as discussed below:

- **IX City of Chula Vista** (EDR Map ID: A1, A2, A5, A7) at 350-368 Bay Boulevard, is listed in the HAZNET, HWTS, and EnviroStor databases. The facility is listed in the HAZNET database for generating state-regulated wastes including contaminated soil from site clean-up (1987), paint sludge (1991), and tank bottom waste (1992) that were manifested for off-site disposal. According to the EnviroStor database, the Cleanup status is listed as referred to Local Agency. A SB 1248 Notification was completed on January 31, 2001. A copy of the County of San Diego County DEH Voluntary Assistance Program (VAP) Application submitted by Rohr, Inc. was received on January 9, 2001 for Establishment # H26520-001 (350-360 Bay Boulevard). As discussed in Section 4.1.1, the project was described as the excavation of approximately 1,500 cubic yards of shallow soil impacted by lead. The soil was reclassified as non-hazardous waste by DTSC and the City would like the lead-containing soil to the Otay Class I Landfill. Rohr, Inc. was requesting review of the work plan and issuance of a no further action (NFA) at the conclusion of confirmation sampling. DEH provided a copy of the NFA letter (**Appendix B**).
- **Bay Blvd. Projects** (EDR Map ID: A3) at 350 Bay Boulevard, is listed in the San Diego County HMMD database. The APN associated with the listing was 567-022-31-00. The permit status is listed as inactive.
- **IX Jackson's Import Auto Parts** (EDR Map ID: A4) at 350 Bay Boulevard, is listed in the HAZNET and HWTS databases. The facility is listed in the HAZNET database for generating state-regulated waste including unspecified organic liquid mixture (1987) that was manifested for off-site disposal. The HWTS database indicated the facility was active between 1987 and 2001.
- **Unidentified Facility** (EDR Map ID: A5) at 350-360 Bay Boulevard, is listed in the Spills 90 database.

As discussed in **Sections 4.0** and **5.2.6**, the subject property and adjacent properties to the north are part of an ongoing soil and groundwater investigation under the oversight of the RWQCB that is identified as a REC.

4.2.3 Adjacent Property Listings

The following adjacent properties are identified in the regulatory database report, as discussed below:

- **Thermo King of San Diego, Formerly Thermo King** (EDR Map ID: A6, A7, A8) at 340 Bay Boulevard, is located adjacent to the north and hydrologically cross-gradient of the subject property. This site was identified in the SEMS-Archive, CPS-SLIC, San Diego County SAM, and CERS databases. According the DEH SAM database, a release affecting the groundwater was discovered at the facility in 1991. The facility status is listed as Closed Case as of June 5, 2007. As discussed in **Section 5.2.6**, this property is included in the current Rohr investigation of the property collectively known as the Bay Boulevard parcels under the oversight of the RWQCB. The investigation is ongoing.
- **Rohr, Inc., BF Goodrich, UTC Aerostructures, Lawless** (EDR Map ID: E25-F38, 9) at 850 Lagoon Drive, 390 Bay Boulevard, and foot of H Street, is located adjacent to the west, south, and southwest and hydrologically cross- to down-gradient of the subject property. This site was identified in the HIST UST, UST, CPS-SLIC, SEMS-Archive, San Diego County SAM, RCRA, AST, CERS, CERS Tanks and CERS Haz Waste databases. As discussed in **Section 4.1.3**, this facility which includes the subject property, is being investigated under the oversight of the RWQCB. The investigation is ongoing.

As discussed in **Sections 4.0** and **5.2.6**, the adjacent properties to the north, west, and south are part of an ongoing soil and groundwater investigation under the oversight of the RWQCB that is identified as a REC.

4.2.4 Sites of Concern Listings

No sites of concern are identified in the regulatory database report.

4.2.5 Orphan Listings

Two orphan listings are identified in the regulatory database report. No orphan listings of concern were identified in the regulatory database report.

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

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional.* Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

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

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

Pursuant to ASTM E1527-13, Partner requested the following site information from PSIP Wohl Bay Boulevard LLC (User of this report).

User Responsibilities

Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
Environmental Pre-Survey Questionnaire		**X**		
Title Records, Environmental Liens, and AULs		**X**		
Specialized Knowledge		**X**		
Actual Knowledge		**X**		
Valuation Reduction for Environmental Issues		**X**		
Identification of Key Site Manager	**Section 5.1.3**			
Reason for Performing Phase I ESA	**Section 1.1**			
Prior Environmental Reports	**Section 5.2.6**		**X**	
Other				**X**

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property since 1999, identified as Rohr, Inc., was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to **Section 5.2** below for information requested from the Report User. The information requested was not received prior to the issuance of this report. Because the Report User (Client) is a potential purchaser, it is understood that the Report User would not have knowledge of the property that would significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interview with Key Site Manager

A key site manager was not available to be interviewed at the time of this assessment.

5.1.4 Interviews with Past Owners, Operators and Occupants

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

5.1.5 Interview with Others

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

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

At the request of the User, Partner contracted XFX to perform an environmental lien search for the subject property. No environmental liens or AULs were identified for the subject property (**Appendix B**).

5.2.2 Specialized Knowledge

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

5.2.3 Actual Knowledge of the User

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

5.2.4 Valuation Reduction for Environmental Issues

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

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment. Provided previous environmental reports are discussed below in **Section 5.2.6**.

5.2.6 Previous Reports and Other Provided Documentation

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

ASTM Phase I Environmental Site Assessment, Rohr IDs 4, 5, 6, 8, 9, 10, and 11, Chula Vista, California, Haley & Aldrich, Inc. (July 21, 2016)

Phase II Environmental Site Assessment, Rohr IDs 4, 11, 10, 5, 8, 9 and 6, Vacant Bay Boulevard Properties, Chula Vista, California, GeoTracker ID No. T10000011095, Haley & Aldrich, Inc. (December 8, 2016)

Phase II Environmental Site Assessment, Vacant Bay Boulevard Properties, 300 Block, Bay Boulevard, Chula Vista, California, GeoTracker ID No. T10000011095, Haley & Aldrich, Inc. (January 11, 2018)

Work Plan for Additional Investigation, Rohr – Eastern Parcel, Vacant Properties, Chula Vista, California, GeoTracker ID No. T10000011095, Haley & Aldrich, Inc. (December 26, 2018)

From the late 1980s to 2020, numerous environmental assessments have been performed and are currently ongoing at the subject property and the three adjacent properties to the north, collectively known as the Bay Boulevard parcels. The subject property is identified in these investigations by the following site addresses and Rohr Inc. ID numbers: 350 Bay Boulevard (Rohr Property ID 5); 360 Bay Boulevard (Rohr Property ID 8); 364 Bay Boulevard (Rohr Property ID 9); and 368 Bay Boulevard (Rohr Property ID 6).

In July 2016, Haley and Aldrich, Inc. prepared a Phase I ESA for the subject property and adjacent properties to the north for Rohr Inc. (Rohr), the property owner. Rohr was proposing to sell the Bay Boulevard parcels. The subject property was vacant land at the time of the assessment.

Haley and Aldrich, Inc. reported that in the late 1980s, Rohr considered purchasing the Bay Boulevard parcels for development of its corporate headquarters. As a result of environmental due diligence, recognized environmental conditions (RECs) were identified. In the late 1980s and 1990s, assessments of soil and groundwater conditions were conducted and four regulatory cases were opened for Rohr IDs 4, 11, 10, 5 and 8 through the Voluntary Assistance Program (VAP) with the San Diego County Department of Environmental Health (DEH). Some degree of remediation of soil and groundwater monitoring were conducted on the parcels. In 2006 and 2007, the DEH provided no further action (NFA) letters (three) for the open cases located adjacent to the north of the subject property, contingent on continued commercial/industrial property use. A fourth NFA letter was believed to have been issued for Rohr IDs 5 and 8 (the subject property at 350-360 Bay Boulevard/ DEH Case #H26520-001), but was not obtained by Haley and Aldrich, Inc. Partner obtained a copy of the NFA (see Appendix B). Haley and Aldrich, Inc. identified the following RECs, associated with lead, pesticides, and Polychlorinated Biphenyls (PCBs), in connection with the subject property and adjacent properties:

Onsite RECs

- Lead in Soil (Rohr IDs 5 and 8 -350-360 Bay Boulevard): In 2001, approximately 1,500 cubic yards of surface soil containing lead was excavated and used as foundation material for the cap at the Otay Class I Landfill. Regulatory oversight was conducted under the DEH VAP. An NFA letter was issued to the City of Chula Vista, but it was not posted on the GeoTracker website nor was it noted in the EDR Database Report. The subject property cleanup level for lead at that time was the residential California Human Health Screening Level (CHHSL) of 150 milligrams per kilogram (mg/kg); the current residential CHHSL for lead is 80 mg/kg.
- PCBs in Soil (All Rohr IDs): PCBs were detected by URS Corporation (URS) in the drainage swale along the western boundary of the subject property (URS 2015). The source of the PCBs is not known. PCBs were also present in soil on the Rohr IDs 5 and 8 parcels at concentrations up to 7.4 mg/kg. It was unclear whether PCB-containing soil on these parcels had been characterized and removed.
- Agricultural Property Use (All Rohr IDs): The subject property had a history of agricultural use for cultivating citrus and row crops prior to the 1950s. There was the potential that pesticides, both inorganic (containing metals) and organic may have been used to control pests.

In December 2016, Haley and Aldrich, Inc. prepared a Phase II investigation for the subject property to investigate the RECs identified in the June 2016 ESA.

The soil analytical results were compared to the U.S. EPA Region 9 Regional Screening Levels (RSLs) and, for lead, the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO). Arsenic concentrations were compared to DTSC established background concentrations for Southern California of 12 milligrams per kilogram (mg/kg). Results indicated:

Soil - 350 Bay Boulevard (Rohr Property ID 5)

- p/m-xylene was detected in soil samples BB-14-01 and BB-15-01 at concentrations of 0.82 J and 0.45 J micrograms per kilogram (µg/kg), respectively. Methylene chloride was detected in sample BB-15-01 at a concentration of 1.9 J µg/kg and acetone was detected in BB-14-01 at a concentration of 15 J µg/kg. These concentrations were below their respective residential RSLs.
- Arsenic concentrations were within the accepted range for background concentrations in Southern California. Concentrations of the other metals were below their respective residential RSLs.
- PCBs were detected in the shallow soil samples from each of the borings on Rohr ID 5. Aroclor 1260 was detected in samples BB-14-01 and BB-16-01 at concentrations of 110 and 33 J µg/kg, respectively. Aroclor 1254 was detected in samples BB-14-01 and BB-15-01 at concentrations of 160 and 94 µg/kg, respectively. These detected concentrations were below the respective residential RSLs for these PCB congeners.
- The concentrations of the polynuclear aromatic hydrocarbons (PAHs) detected were below their r espective residential RSLs.

- One soil sample, BB-15-01, was analyzed for organochlorine pesticides (OCPs). The sample contained 4,4'-DDT at a concentration of 2.7 J µg/kg, which was below its residential RSL.
- Total Petroleum Hydrocarbons (TPH) were detected in samples BB-14-01, BB-15-01, BB-15-03, and BB-16-01. TPH concentrations detected were generally in the C29 carbon range and greater. The TPH in the surface sample collected from boring BB-15 included hydrocarbons in the C9- C12 and C19 - C22 carbon ranges. Total TPH concentrations detected in soil samples form Rohr ID 5 ranged from 3.3 J to 140 mg/kg.

Groundwater - 350 Bay Boulevard (Rohr Property ID 5)

No groundwater samples taken.

Soil - 360 Bay Boulevard (Rohr Property ID 8)

- No volatile organic compounds (VOCs) were detected in the six soil samples from the three borings drilled on Rohr ID 8.
- Arsenic concentrations were within the accepted range for background concentrations in Southern California. Concentrations of the other metals were below their respective residential RSLs.
- Aroclor 1254 was detected in soil sample BB-17-01 at a concentration of 120 µg/kg. This concentration is below the residential RSL. PCBs were not detected in the other samples from this assessment area.
- None of the PAHs detected were present at a concentration above its respective residential RSL.
- OCPs were detected in each of the soil samples that were analyzed for OCPs on Rohr ID 8. Sample BB-17-01 contained 4,4'-DDT at concentrations of 4.8 J µg/kg and sample BB-19-01 contained chlordane, 4,4'-DDE, and 4,4'-DDT at concentrations of 33 J, 2.4 J, and 4.1 J µg/kg, respectively. These concentrations were below the respective residential RSLs for these compounds.
- TPH were detected in each of the six soil samples analyzed from Rohr ID 8. The total TPH concentrations ranged from 39 to 190 mg/kg. The hydrocarbons detected were in the C25-C44 carbon range.

Groundwater - 360 Bay Boulevard (Rohr Property ID 8)

- The following VOCs were detected in groundwater from boring BB-17: acetone (5.1 J micrograms per liter (µg/l)), bromomethane (0.88 J µg/l), chloroform (1.5 J µg/l), and chloromethane (0.24 J µg/l). These concentrations were below their respective MCLs and ESL vapor-intrusion screening levels for these compounds.
- The concentration of arsenic detected in BB-17-GW (0.0149 mg/l) was slightly above the MCL of 0.010 mg/l. Concentrations of the other metals in groundwater were below their respective MCLs.

Soil - 364 Bay Boulevard (Rohr Property ID 9)

- P-Isopropyltoluene was detected in three of the six shallow soil samples from Rohr ID 9 at concentrations ranging from 0.73 J µg/kg and 29 µg/kg. 2-Butanone and acetone were detected

in sample BB-21-01 at concentrations of 22 J and 76 J µg/kg, respectively. No other VOCs were detected in soil samples from Rohr ID 9. The concentrations of 2-butanone and acetone were below their respective residential RSLs. There were no RSLs established for P-Isopropyltoluene.

- Thallium (0.156 J to 0.929 mg/kg) was detected above the residential RSL, but below the commercial/industrial RSL. Arsenic concentrations were within the accepted range for background concentrations in Southern California. Concentrations of the other metals were below their respective RSLs.
- One of the soil samples on Rohr ID 9 contained PCBs. Aroclor 1260 was detected in sample BB-21-01 at a concentration of 33 J µg/kg. This concentration was below the residential RSL of 240 µg/kg.
- Each of the detected PAH compounds were below their respective residential RSLs.
- One soil sample from Rohr ID 9 was analyzed for OCPs. Soil sample BB-21-01 contained 7.4 µg/kg of 4,4'-DDE and 30 J µg/kg of chlordane. These concentrations were below their respective residential RSLs.
- TPH, in the carbon range of C25-C44, were detected in four of the six soil samples from Rohr ID 9. Total TPH concentrations in these samples ranged from 11 to 47 mg/kg.

Groundwater - 364 Bay Boulevard (Rohr Property ID 9)

No groundwater samples taken.

Soil - 368 Bay Boulevard (Rohr Property ID 6)

- No VOCs were detected in soil samples from Rohr ID 6.
- Arsenic concentrations were within the accepted range for background concentrations in Southern California. Concentrations of the other metals were below their respective residential RSLs.
- No PCBs were detected in the soil samples analyzed from Rohr ID 6.
- None of the PAHs detected was present above its respective residential RSL.
- OCPs were detected in both samples analyzed on Rohr ID 6. Sample BB-24-01 contained 4,4'-DDE and 4,4'-DDT at concentrations of 15 and 16 µg/kg, respectively. Sample BB-23-01 contained 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT at concentrations of 9.9, 1,000, and 230 µg/kg, respectively. These concentrations were below their respective residential RSLs.
- TPH were detected in one of two borings on Rohr ID 6. Two samples from boring BB-24 at 1 and 3 feet bgs contained total TPH concentrations of 150 and 44 mg/kg, respectively. The TPH present in sample BB-24-01 were within the C28-C44 carbon range. The TPH present in sample BB-24-03 were within the C19-C44 carbon range.

Groundwater - 368 Bay Boulevard (Rohr Property ID 6)

- Chloroform was detected in the groundwater sample from boring BB-23 at a concentration of 0.34 J µg/l, which is below the MCL of 80 µg/l and the ESLs. No other VOCs were detected in groundwater analyzed from boring BB-23.

- The arsenic concentration (0.0112 mg/l) was slightly above the MCL of 0.010 mg/l.

The site investigation is now part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. On April 9, 2018, Haley & Aldrich and Rohr met with the RWQCB to discuss the results of the 2016 Phase II investigation and additional scope of work. The scope of work included a soil vapor survey; however, Haley & Aldrich indicated that it was eliminated from the scope since Rohr will require that any buildings constructed on the subject property by a buyer include a vapor barrier as part of the property transaction. On December 26, 2018, Haley and Aldrich, Inc. submitted a Work Plan for Additional Investigation to the RWQCB. The proposed sample locations were located on the parcels adjacent to the north of the subject property.

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

6.0 SITE RECONNAISSANCE

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

Site Assessment Data	
Site Assessment Performed By:	Heather Hodgetts
Site Assessment Conducted On:	December 22, 2020

Partner was unaccompanied during the field reconnaissance activities.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

No solid waste is currently generated at the subject property. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

No sanitary discharges are currently generated on the subject property. No wastewater treatment facilities or septic systems are located on the subject property.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by percolation to unpaved ground surfaces on the subject property. A stormwater ditch is located adjacent to the west boundary of the subject property.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Fish & Wildlife Service. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

No buildings or mechanical systems are located on the subject property.

Electricity and natural gas are provided to the site vicinity by Southern California Edison (SCE) and the Southern California Gas Company.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during this assessment.

6.1.6 Wastewater

No domestic wastewater is currently generated at the subject property. No commercial or industrial process is performed at the subject property.

6.1.7 Septic Systems

No septic systems were observed on the subject property during the Partner site reconnaissance.

6.1.8 Additional Site Observations

No additional general site characteristics were observed on the subject property during the Partner site reconnaissance.

6.2 Potential Environmental Hazards

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

No hazardous substances or petroleum products were observed on the subject property during the site reconnaissance.

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

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

6.2.3 Evidence of Releases

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

6.2.4 Polychlorinated Biphenyls (PCBs)

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

6.2.5 Strong, Pungent or Noxious Odors

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

6.2.6 Pools of Liquid

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

6.2.7 Drains, Sumps and Clarifiers

No drains, sumps, or clarifiers were observed on the subject property during the site reconnaissance.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property during the Partner site reconnaissance.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property during the Partner site reconnaissance.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed on the subject property during the Partner site reconnaissance.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

No buildings or structures are located on the subject property.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm^2 (or 5,000 ug/g or 0.5% by weight) or more of lead.

No buildings or structures are located on the subject property.

6.3.3 Radon

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

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

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

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 3. Based upon the radon zone classification, radon is not considered to be an environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Sweetwater Authority (SA) serves the subject property vicinity. According to the SA and the 2019 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

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

No buildings or structures are located on the subject property. As such, a mold evaluation was not required by the scope of services.

7.0 FINDINGS AND CONCLUSIONS

Findings

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

- The subject property and adjacent properties are part of the ongoing larger Goodrich Aerostructures – North Campus – Eastern Parcel A (Case Number T10000011095) investigation under the oversight of the RWQCB. Onsite soil and groundwater sampling indicted that:
    - Thallium was detected in soil at 364 Bay Boulevard (Rohr Property ID 9) above the residential RSL, but below the commercial/industrial RSL.
    - Arsenic was detected in groundwater was slightly above the MCL of 0.010 mg/l at 360 and 368 Bay Boulevard (Rohr Property IDs 8 and 6).

  The investigation is ongoing and considered a REC. Additional sampling is proposed for the adjacent parcels to the north.

A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- Partner did not identify controlled recognized environmental conditions during the course of this assessment.

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

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

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion.

- Partner did not identify environmental issues during the course of this assessment.

Conclusions and Opinions

Partner has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of 350, 360, 364, and 368 Bay Boulevard, Chula Vista, CA 91910 in San Diego, San Diego County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in **Section 1.5** of this report.

With consideration of the access limitations stated herein, this assessment has revealed evidence of recognized environmental conditions in connection with the subject property.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

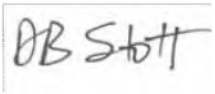
Partner has performed a Phase I ESA of the property located at 350, 360, 364, and 368 Bay Boulevard in Chula Vista, San Diego County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

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

Prepared By:

Heather Hodgetts
Senior Scientist

Reviewed By:



Debbie Stott, P.G.
Technical Director

9.0 REFERENCES

Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13

Environmental Data Resources, Inc. (EDR), Aerial Photo Decade Package, Certified Sanborn Map Report, City Directory Abstract, Historical Topo Map Report, Radius Report, December 2020

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via the Internet, December 2020

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the Internet, December 2020

United States Fish and Wildlife Service, National Wetlands Inventory, Wetlands Mapper, accessed via the Internet, December 2020

United States Geological Survey Topographic Map, 7.5 minute series, accessed via the Internet, December 2020

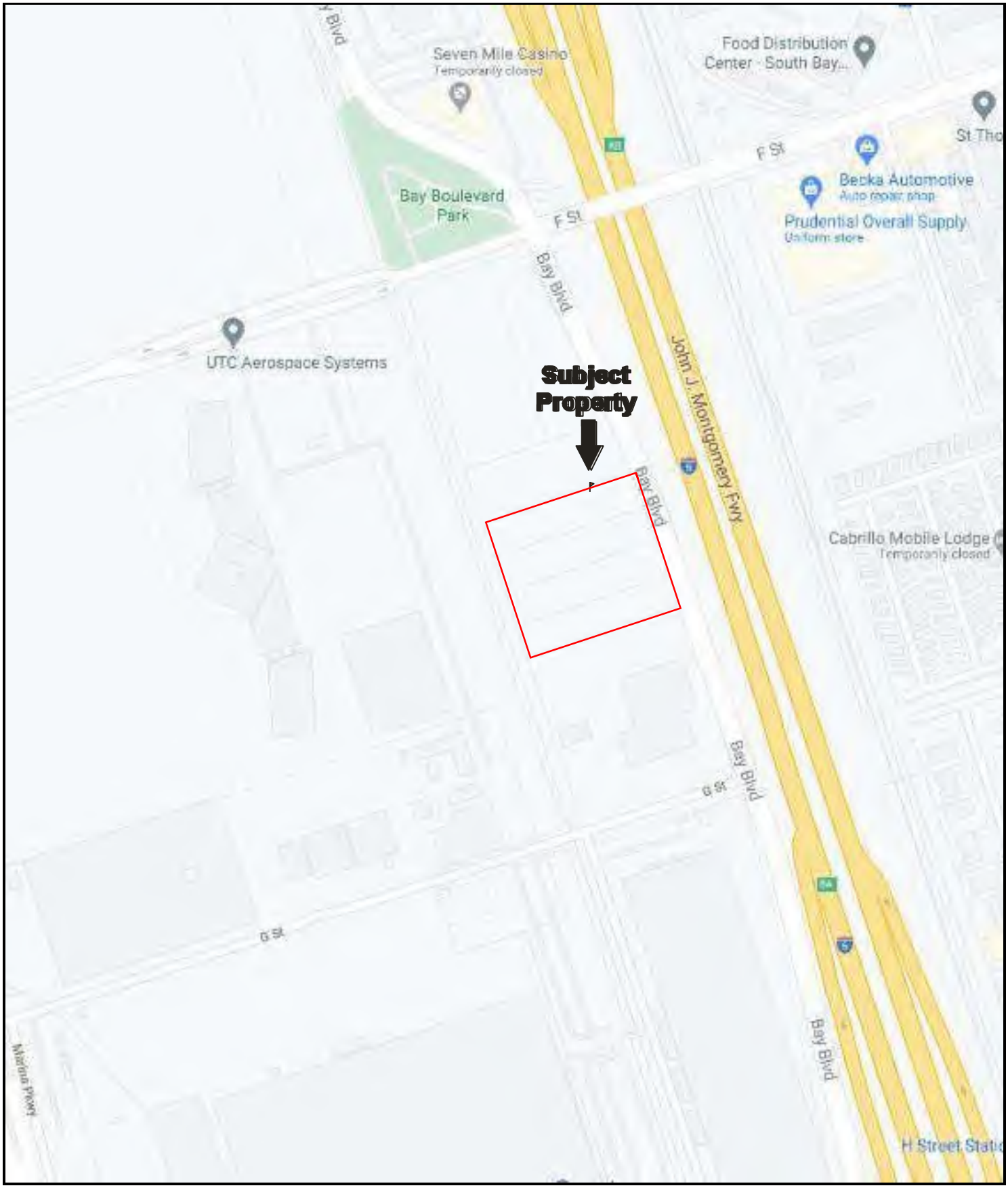
FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER



N

Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP-CHULA VISTA CA

Project No. 20-282919.2

PARTNER

FIGURE 2: SITE PLAN-CHULA VISTA CA

Project No. 20-282919.1

PARTNER

N

USGS 7.5 Minute *National City and Imperial Beach, California* Quadrangles
Created: 2012

KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP-CHULA VISTA CA
Project No. 20-282919.2

PARTNER

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

DATABASE REPORT

Project Property:	*Parcel A and North Land Parcels* *795 H Street, 390, 368, 360, and 364 Bay Boulevard* *CHULA VISTA CA 91910*
Project No:	*23-399112.1*
Report Type:	*Database Report*
Order No:	*23020700979*
Requested by:	*Partner Engineering and Science, Inc.*
Date Completed:	*February 7, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property:	*Parcel A and North Land Parcels* *795 H Street, 390, 368, 360, and 364 Bay Boulevard CHULA VISTA CA 91910*
Project No:	*23-399112.1*

Coordinates:

Latitude:	*32.6337202*
Longitude:	*-117.098667*
UTM Northing:	*3,610,451.44*
UTM Easting:	*490,800.76*
UTM Zone:	*11S*

Elevation: *18 FT*

Order Information:

Order No:	*23020700979*
Date Requested:	*February 7, 2023*
Requested by:	*Partner Engineering and Science, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*
Vapor Screening Tool	*Vapor Screening Tool*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	**2**	**1**	**2**	-	**5**
CERCLIS	Y	0.5	0	**2**	**1**	**2**	-	**5**
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	**2**	0	**2**	-	**4**
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	**1**	**1**	**4**	-	**6**
RCRA LQG	Y	0.25	0	**1**	0	-	-	**1**
RCRA SQG	Y	0.25	0	**5**	**2**	-	-	**7**
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	**13**	**25**	-	-	**38**
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	**3**	**1**	**4**	**2**	**10**
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	**1**	-	**1**
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	**1**	0	-	**1**
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	**1**	-	**1**
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	**7**	**7**	**6**	-	**20**
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	**2**	**2**	-	-	**4**
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	**1**	**6**	**5**	-	-	**12**
UST SWEEPS	Y	0.25	0	**7**	**5**	-	-	**12**
AST	Y	0.25	0	**2**	0	-	-	**2**
AST SWRCB	Y	0.25	0	**1**	0	-	-	**1**
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	**1**	**5**	-	-	**6**
CERS TANK	Y	0.25	0	**2**	**2**	-	-	**4**
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	**1**	**7**	**5**	-	-	**13**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	**1**	0	**1**	-	**2**
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	**1**	-	**1**
VCP	Y	0.5	0	0	0	**1**	-	**1**
CLEANUP SITES	Y	0.5	**1**	**15**	**4**	**12**	-	**32**
DELISTED CLEANUP	Y	0.5	0	0	**1**	0	-	**1**
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County								
SWF SANDIEGO	Y	0.5	0	0	0	**1**	-	**1**
LOP SANDIEGO	Y	0.5	0	**9**	**7**	**9**	-	**25**
HAZ SANDIEGO	Y	0.25	**1**	**11**	**9**	-	-	**21**
UST SANDIEGO	Y	0.25	0	**2**	**2**	-	-	**4**
SAM SANDIEGO	Y	0.5	0	**22**	**10**	**12**	-	**44**
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	**4**	-	-	-	**4**
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PRP	Y	PO	0	**1**	-	-	-	**1**
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	**1**	0	**1**
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	**1**	-	-	**1**
AFS	Y	PO	0	-	-	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	**1**	0	0	-	**1**
State								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	**1**	**9**	**16**	-	**26**
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	**1**	0	0	**1**
SCH	Y	1	0	0	0	0	**1**	**1**
CHMIRS	Y	PO	**1**	**1**	-	-	-	**2**
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	**3**	**5**	-	-	-	**8**
HAZ GEN	Y	PO	0	**1**	-	-	-	**1**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HAZ TSD	Y	0.5	0	**1**	**1**	**1**	-	**3**
HIST MANIFEST	Y	PO	**2**	**2**	-	-	-	**4**
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	**1**	0	0	-	**1**
CERS HAZ	Y	0.125	0	**4**	-	-	-	**4**
DELISTED HAZ	Y	0.5	0	0	0	**1**	-	**1**
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	**9**	**11**	-	-	**20**
CDL	Y	0.125	0	0	-	-	-	0

Tribal ***No Tribal additional environmental record sources available for this State.***

County

Total:	***10***	***155***	***119***	***78***	***3***	***365***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	HAZ SANDIEGO	ROHR INC	390 BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	NNW	0.00 / 0.00	5	80
1	CHMIRS	San Diego Dept Env Health	Rohr Corp, 390 Bay Blvd, next to building 5 Chula Vista CA 91910 ***Control No | Notified Date:*** *12/7/199809:18:34 AM*	NNW	0.00 / 0.00	5	81
1	HHSS	LAWLESS	390 BAY BLVD. CHULA VISTA CA 92010	NNW	0.00 / 0.00	5	81
1	HAZNET	VALLEY DETROIT DIESEL	390 BAY BLVD CHULA VISTA CA 920100000	NNW	0.00 / 0.00	5	81
1	HAZNET	CITY OF CHULA VISTA - COMM DEV DEPT	388 - 390 BAY BLVD CHULA VISTA CA 919100000	NNW	0.00 / 0.00	5	82
1	HIST MANIFEST		390 BAY BLVD CHULA VISTA CA 920100000	NNW	0.00 / 0.00	5	82
1	HIST TANK	LAWLESS	390 BAY BLVD. CHULA VISTA CA	NNW	0.00 / 0.00	5	83
2	HAZNET	1X CITY OF CHULA VISTA BAY SITE	350-368 BAY BLVD CHULA VISTA CA 920100000	NNW	0.00 / 0.00	5	83
2	HIST MANIFEST		350-368 BAY BLVD CHULA VISTA CA 920100000	NNW	0.00 / 0.00	5	83
3	CLEANUP SITES	BAY BLVD PROJECTS	NONE BAY BL CHULA VISTA CA 91911 ***Status | Site Facility Type:*** *COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*	SSE	0.00 / 0.00	-3	84

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
4	RCRA NON GEN	PARTY CITY CORP DBA HALLOWEEN CITY #8339	865 H STREET CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC002979701	SSE	0.01 / 31.69	-3	86
4	FINDS/FRS	PARTY CITY CORP DBA HALLOWEEN CITY #8339	865 H STREET CHULA VISTA CA 91910 ***Registry ID:*** 110070435850	SSE	0.01 / 31.69	-3	87
5	FINDS/FRS	TEXANO AUTO RECYCLING	805 STE 1 A ENERGY WY CHULA VISTA CA 91911 ***Registry ID:*** 110070090649	SSE	0.01 / 41.39	3	88
6	ENVIROSTOR	CITY OF CHULA VISTA	350-360 BAY BOULEVARD CHULA VISTA CA 91910 ***Estor/EPA ID | Cleanup Status:*** 37000027 | REFER: 1248 LOCAL AGENCY AS OF 1/31/2001	NNW	0.01 / 46.70	8	88
6	HAZ SANDIEGO	BAY BLVD PROJECTS	350 BAY BLVD, CHULA VISTA, CA 91911 CHULA VISTA CA 91911	NNW	0.01 / 46.70	8	89
6	HAZ SANDIEGO	JACKSONS IMPORT AUTO WRECKING	350 W BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	NNW	0.01 / 46.70	8	90
6	HAZNET	1X JACKSON'S IMPORT AUTO PARTS	350 BAY BLVD CHULA VISTA CA 920100000	NNW	0.01 / 46.70	8	91
6	HIST MANIFEST		350 BAY BLVD CHULA VISTA CA 920100000	NNW	0.01 / 46.70	8	92
7	CERCLIS	ROHR IND INC	FOOT OF H ST CHULA VISTA CA 92012 ***Site EPA ID:*** CAD008382053	SSW	0.01 / 72.12	-5	92
7	CERCLIS NFRAP	ROHR IND INC	FOOT OF H ST CHULA VISTA CA 92012 ***Site EPA ID:*** CAD008382053	SSW	0.01 / 72.12	-5	94
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	95
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	96

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	97
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	97
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 NO ADDRESS Chula Vista CA	SSW	0.01 / 72.12	-5	98
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	99
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	99
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	100
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	101
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	101
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	102
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	103
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 NO ADDRESS Chula Vista CA	SSW	0.01 / 72.12	-5	104
7	SAM SANDIEGO	ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	-5	104
7	ENVIROSTOR	ROHR AIRCRAFT	FOOT OF H STREET CHULA VISTA CA 92010 ***Estor/EPA ID	Cleanup Status:*** 37370020 | REFER: OTHER AGENCY AS OF 8/21/1995	SSW	0.01 / 72.12	-5	105
7	HHSS	ROHR TIES ROHR INDUSTRIES	FOOT OF H STREET, ADJACENT TO I-5 CHULA VISTA CA 92011	SSW	0.01 / 72.12	-5	106

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	HAZNET	ROHR INDUSTRIES	-- CHULA VISTA CA 920100000	SSW	0.01 / 72.12	-5	106
7	HAZNET	ROHR TURBINE SITE	FOOT OF H ST CHULA VISTA CA 920100000	SSW	0.01 / 72.12	-5	106
7	SEMS ARCHIVE	ROHR IND INC	FOOT OF H ST CHULA VISTA CA 92012 ***EPA ID:*** CAD008382053	SSW	0.01 / 72.12	-5	107
7	FINDS/FRS	ROHRNA INC	FOOT OF 'H' ST CHULA VISTA CA 91910 ***Registry ID:*** 110065551325	SSW	0.01 / 72.12	-5	107
7	LOP SANDIEGO	ROHR INDUSTRIES INC	0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status:*** DEH1993-LSAM-H02457-008 | Completed	SSW	0.01 / 72.12	-5	108
7	LOP SANDIEGO	ROHR INDUSTRIES INC	0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status:*** DEH2007-LSAM-H02457-014 | Completed	SSW	0.01 / 72.12	-5	108
7	LOP SANDIEGO	ROHR INDUSTRIES INC	0 NO ADDRESS CA ***Record ID | Record Status:*** DEH1992-LSAM-H02457-005 | Completed	SSW	0.01 / 72.12	-5	108
7	LOP SANDIEGO	ROHR INDUSTRIES INC	0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status:*** DEH1992-LSAM-H02457-007 | Completed	SSW	0.01 / 72.12	-5	109
7	LOP SANDIEGO	ROHR INDUSTRIES INC	0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status:*** DEH1987-LSAM-H02457-002 | Completed	SSW	0.01 / 72.12	-5	109
7	LOP SANDIEGO	ROHR INDUSTRIES INC	0 NO ADDRESS CA ***Record ID | Record Status:*** DEH1987-LSAM-H02457-003 | Completed	SSW	0.01 / 72.12	-5	109
7	CHMIRS	rohr inc	foot of h street chula vista CA 91912 ***Control No | Notified Date:*** 1/13/1993	SSW	0.01 / 72.12	-5	110
7	PRP	ROHR INDUSTRIES, INC.	FOOT OF H STREET CHULA VISTA, CA 92012 ***Site EPA ID:*** CAT080012826	SSW	0.01 / 72.12	-5	110
7	EMISSIONS	ROHR INDUSTRIES	FOOT OFHST CHULA VISTA CA 92010	SSW	0.01 / 72.12	-5	111

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	EMISSIONS	ROHR INDUSTRIES	FOOT OF H ST CHULA VISTA CA 92010	SSW	0.01 / 72.12	-5	112
7	EMISSIONS	UNIVERSITY COGEN. - ROHR	FOOT OF H ST CHULA VISTA CA 91910	SSW	0.01 / 72.12	-5	112
7	HIST TANK	ROHR TIES ROHR INDUSTRIES	FOOT OF H STREET, ADJACENT TO CHULA VISTA CA	SSW	0.01 / 72.12	-5	113
7	HIST TANK	ROHR INDUSTRIES, INC.	FOOT OF H STREET CHULA VISTA CA	SSW	0.01 / 72.12	-5	113
7	UST SWEEPS	ROHR INDUSTRIES INC	H ST (FOOT OF) CHULA VISTA CA ***C C	Status:*** A37-000-2457 | ACTIVE ***Tank ID:*** 000015, 000008, 000014, 000003, 000007, 000009, 000012, 000010, 000013	SSW	0.01 / 72.12	-5	113
7	UST SWEEPS	ROHR INDUSTRIES INC	H ST (FOOT OF) CHULA VISTA CA ***C C	Status:*** I37-000-2457 | INACTIVE ***Tank ID:*** 000004, 000011, 000002, 000006, 000001, 000005	SSW	0.01 / 72.12	-5	115
7	CALSITES	ROHR AIRCRAFT	FOOT OF H STREET CHULA VISTA CA 92010	SSW	0.01 / 72.12	-5	116
7	HAZ GEN	ROHR COGENERATION PLANT	FOOT OF H ST GATE 66 CHULA VISTA CA 920120000	SSW	0.01 / 72.12	-5	117
8	CERCLIS	THERMO KING OF SAN DIEGO, INC.	340 BAY BOULEVARD CHULA VISTA CA 92010 ***Site EPA ID:*** CAD983658428	NNW	0.02 / 91.73	8	117
8	CERCLIS NFRAP	THERMO KING OF SAN DIEGO, INC.	340 BAY BOULEVARD CHULA VISTA CA 92010 ***Site EPA ID:*** CAD983658428	NNW	0.02 / 91.73	8	119
8	SAM SANDIEGO	FORMERLY THERMO KING	340 BAY BLVD Chula Vista CA	NNW	0.02 / 91.73	8	120
8	CLEANUP SITES	FORMERLY THERMO KING	340 BAY BL CHULA VISTA CA 91910 ***Status | Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	NNW	0.02 / 91.73	8	120
8	HAZ SANDIEGO	FORMERLY THERMO KING	340 BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	NNW	0.02 / 91.73	8	123

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
8	HAZNET	1X CITY OF CHULA VISTA/ENGNRG DEPT	340 BAY BLVD CHULA VISTA CA 920100000	NNW	0.02 / 91.73	8	124
8	HAZNET	THERMO KING	340 BAY CLUB CHULA VISTA CA 920100000	NNW	0.02 / 91.73	8	125
8	HIST MANIFEST		340 BAY CLUB CHULA VISTA CA 920100000	NNW	0.02 / 91.73	8	125
8	SEMS ARCHIVE	THERMO KING OF SAN DIEGO, INC.	340 BAY BOULEVARD CHULA VISTA CA 92010 ***EPA ID:*** CAD983658428	NNW	0.02 / 91.73	8	125
8	FINDS/FRS	FORMERLY THERMO KING	340 BAY BL CHULA VISTA CA 91910 ***Registry ID:*** 110065497135	NNW	0.02 / 91.73	8	126
9	HAZ SANDIEGO	SDG&E - MONTGOMERY SUBSTATION	G ST, 0.3 MILES W/OF BAY BL CHULA VISTA CA 91910	W	0.04 / 195.79	-5	126
10	CERS HAZ	SDG&E - MONTGOMERY SUBSTATION	G ST, 0.3 MILES W/OF BAY BL CHULA VISTA CA 91910	W	0.05 / 287.71	-6	130
11	SAM SANDIEGO	RADOS, CHULA VISTA CITY, REDEVELOP.	798 F ST Chula Vista CA	NNW	0.08 / 410.96	8	132
11	SAM SANDIEGO	RADOS, CHULA VISTA CITY, REDEVELOP.	798 F ST Chula Vista CA	NNW	0.08 / 410.96	8	133
11	CLEANUP SITES	RADOS, CHULA VISTA CITY, REDEVELOP.	798 F ST CHULA VISTA CA 91910 ***Status | Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	NNW	0.08 / 410.96	8	134
11	CLEANUP SITES	RADOS, CHULA VISTA CITY, REDEVELOP.	798 F ST CHULA VISTA CA 91910 ***Status | Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	NNW	0.08 / 410.96	8	136
11	ENVIROSTOR	RADOS	798 LAGOON DR. (FORMER "F" STREET) CHULA VISTA CA 91910 ***Estor/EPA ID | Cleanup Status:*** 37000014 | REFER: 1248 LOCAL AGENCY AS OF 5/10/2004	NNW	0.08 / 410.96	8	138
12	HHSS	ROHR TIES	ROHR INDUSTRIES-H STREET I-5 CHULA VISTA CA 92218	NW	0.08 / 441.55	1	138

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
12	HHSS	ROHR TIES STEAM PLANT	ROHR CORPORATION FOOT OF "H" ST CHULA VISTA CA 92012	NW	0.08 / 441.55	1	138
12	HHSS	ROHR INDUSTRIES INC	FOOT OF H STREET I-5 CHULA VISTA CA 92012	NW	0.08 / 441.55	1	138
12	HIST TANK	ROHR TIES	ROHR INDUSTRIES-"H" STREET CHULA VISTA CA	NW	0.08 / 441.55	1	139
12	HIST TANK	ROHR TIES STEAM PLANT	ROHR CORPORATION CHULA VISTA CA	NW	0.08 / 441.55	1	139
13	RCRA NON GEN	PSIP WOHL BAY BOULEVARD LLC	795 H ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAL000462061	SE	0.10 / 521.71	6	139
14	RCRA NON GEN	TASHA GRIFFIN	410 COLORADO AVE UNIT B CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003108757	ENE	0.10 / 540.75	8	140
14	RCRA NON GEN	BRIZEIRA OJEDA	410 COLORADO AVE UNIT D CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003101605	ENE	0.10 / 540.75	8	141
15	RCRA NON GEN	PALAFOX, FAUSTO	436 COLORADO AVE UNIT C CHULA VISTA CA 91910-4026 ***EPA Handler ID:*** CAC003100190	E	0.11 / 560.72	6	142
16	RCRA NON GEN	MC INVESTMENT PARTNERS, LLC	423 COLORADO AVE D CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003069299	ENE	0.11 / 564.92	7	143
17	PFAS GW		CA	S	0.11 / 571.39	-7	144
18	RCRA TSD	SAN DIEGO UNIFIED PORT DISTRICT	850 LAGOON DRIVE CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC002577707	WNW	0.11 / 585.90	3	165
18	RCRA SQG	SAN DIEGO UNIFIED PORT DISTRICT	850 LAGOON DRIVE CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC002577707	WNW	0.11 / 585.90	3	167
18	RCRA LQG	ROHR INC., A COLLINS AEROSPACE COMPANY	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	169

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAD008382053				
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS - TANK	34, BLDG 1 850 Lagoon Drive CHULA VISTA CA 91910-2098	WNW	0.11 / 585.90	3	197
			Status | Site Facility Type: Completed - Case Closed | Cleanup Program Site				
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - SOUTH CAMPUS	850 LAGOON DRIVE CHULA VISTA CA 91910-2098	WNW	0.11 / 585.90	3	205
			Status | Site Facility Type: Open - Remediation | Cleanup Program Site				
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	320
			Status | Site Facility Type: Completed - Case Closed | Cleanup Program Site				
18	CLEANUP SITES	ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	324
			Status | Site Facility Type: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE				
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	326
			Status | Site Facility Type: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE				
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	330
			Status | Site Facility Type: Completed - Case Closed | Cleanup Program Site				
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	335
			Status | Site Facility Type: Completed - Case Closed | Cleanup Program Site				
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS	850 LAGOON DRIVE CHULA VISTA CA 91910-2098	WNW	0.11 / 585.90	3	342
			Status | Site Facility Type: Open - Assessment & Interim Remedial Action | Cleanup Program Site				
18	LUST	ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	403
			Global ID | Status Date | Status: T0607301464 | 6/12/1998 | COMPLETED - CASE CLOSED				
18	LUST	ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	406

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Global ID	Status Date	Status:*** T0607300932	1/23/1992	COMPLETED - CASE CLOSED				
18	LUST	ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	408
			***Global ID	Status Date	Status:*** T0607302732	8/2/2002	COMPLETED - CASE CLOSED				
18	LUST	GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS - SALT	BATH C70 850 Lagoon Drive CHULA VISTA CA 91910-2098	WNW	0.11 / 585.90	3	411
			***Global ID	Status Date	Status:*** T0607301766	5/8/2019	Completed - Case Closed				
18	AST	ROHR INC DBA BF GOODRICH	850 LAGOON DR, CHULA VISTA, 91910 CA	WNW	0.11 / 585.90	3	418
18	HAZ SANDIEGO	ROHR INC., A COLLINS AEROSPACE COMPANY	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	418
18	PCB	ROHR, INC. DBA GOODRICH	850 LAGOON DR. CHULA VISTA CA 91910-2098 ***Site ID:*** CAD008382053	WNW	0.11 / 585.90	3	530
18	UST	ROHR INC., A COLLINS AEROSPACE COMPANY	850 Lagoon Dr Chula Vista CA 91910 ***Facility ID:*** 37-000-102457	WNW	0.11 / 585.90	3	530
18	EMISSIONS	ROHR INDUSTRIES	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	531
18	EMISSIONS	ROHR INC	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	531
18	EMISSIONS	ROHR INDUSTRIES.	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	534
18	CERS TANK	ROHR INC., A COLLINS AEROSPACE COMPANY	850 LAGOON DR CHULA VISTA CA 91910 ***Site ID:*** 400868	WNW	0.11 / 585.90	3	536
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES / ROHR - Goodrich Aerostructures - North Campus -	Eastern Parcel A 850 Lagoon Drive Chula Vista CA 91910-2098 ***Status	Site Facility Type:*** Open - Site Assessment	Cleanup Program Site	WNW	0.11 / 585.90	3	542
18	CLEANUP SITES	GOODRICH AEROSTRUCTURES / ROHR	850 LAGOON DRIVE CHULA VISTA CA	WNW	0.11 / 585.90	3	555

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Status | Site Facility Type: COMPLEX SITE CLEANUP PROGRAM FACILITY				
18	RCRA NON GEN	GOODRICH AEROSTRUCTURES, CHULA VISTA	850 LAGOON DRIVE CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003056223	WNW	0.11 / 585.90	3	555
18	AST SWRCB	BFGOODRICH AEROSPACE	850 LAGOON DR. CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	556
18	EMISSIONS	ROHR INC, A UTC AEROSPACE SYSTEMS COMPANY	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	3	556
18	HAZ TSD	ROHR INC DBA GOODRICH AEROSTRUCTURES	850 LAGOON DR CHULA VISTA CA 919102001	WNW	0.11 / 585.90	3	557
19	RCRA NON GEN	RYAN ABIDES	443 COLORADO AVE UNIT C CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003033005	E	0.11 / 588.34	8	557
20	SAM SANDIEGO	SWEETWATER AUTHORITY	744 F ST Chula Vista CA	NNE	0.11 / 591.47	15	558
20	CLEANUP SITES	SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 919102006 ***Status | Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	NNE	0.11 / 591.47	15	559
20	AST	SWEETWATER AUTHORITY	744 F ST, CHULA VISTA, 91910-2006 CA	NNE	0.11 / 591.47	15	561
20	HAZ SANDIEGO	AT&T MOBILITY - GOOD NITE INN	744 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	NNE	0.11 / 591.47	15	561
20	HHSS	SWEETWATER AUTHORITY	744 F STREET CHULA VISTA CA 92010	NNE	0.11 / 591.47	15	562
20	DELISTED TNK	SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910	NNE	0.11 / 591.47	15	562
20	HAZ SANDIEGO	AT&T Mobility - HWY 5 AND F (USID46284)	744 F ST CHULA VISTA CA 91910-	NNE	0.11 / 591.47	15	562

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			2006				
20	HAZ SANDIEGO	SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910	NNE	0.11 / 591.47	15	564
20	UST	SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910 ***Facility ID:*** 37-000-120099 ***Tank ID No.*** **|** ***Tank Status*** **|** ***Tank Closure Date:*** 24773 | Confirmed/Updated Information |	NNE	0.11 / 591.47	15	576
20	CERS TANK	SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910 ***Site ID:*** 158667	NNE	0.11 / 591.47	15	576
20	CERS HAZ	AT&T Mobility - HWY 5 AND F (USID46284)	744 F ST CHULA VISTA CA 91910	NNE	0.11 / 591.47	15	585
20	HIST TANK	SWEETWATER AUTHORITY	744 "F" STREET CHULA VISTA CA	NNE	0.11 / 591.47	15	587
20	RCRA NON GEN	SWEETWATER AUTHORITY	744 F STREET CHULA VISTA CA 91910-0000 ***EPA Handler ID:*** CAL000004840	NNE	0.11 / 591.47	15	587
20	UST SWEEPS	SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA ***C C*** **|** ***Status:*** I37-000-20099 | INACTIVE ***Tank ID:*** 000003, 000004	NNE	0.11 / 591.47	15	588
20	UST SWEEPS	SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA ***C C*** **|** ***Status:*** A37-000-20099 | ACTIVE ***Tank ID:*** 000001, 000002	NNE	0.11 / 591.47	15	589
20	UST SANDIEGO	SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910 ***Record ID*** **|** ***Permit Status:*** DEH2002-HUPFP-120099 | Permit Renewed	NNE	0.11 / 591.47	15	589
21	EMISSIONS	ROHR INC	850LAGOON DR CHULA VISTA CA 91910	NW	0.11 / 595.79	-3	590
21	CDO/CAO	ROHRInc.-UTC Areospace (FormerBFGoodrich Aerospace)	850 Lagoon Chula Vista CA 91910	NW	0.11 / 595.79	-3	592
22	RCRA NON GEN	THE NAJAR FAMILY TRUST	455 COLORADO AVE, UNIT D CHULA VISTA CA 91910	E	0.11 / 602.46	5	593

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003076413				
22	RCRA NON GEN	ARCELIA GONZALEZ	455 COLORADO AVE UNIT D CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003075750	E	0.11 / 602.46	5	594
23	RCRA SQG	H STREET TRANSIT STATION	745 H ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAR000187492	ESE	0.12 / 615.79	6	595
23	SAM SANDIEGO	MTDB	745 H ST Chula Vista CA	ESE	0.12 / 615.79	6	597
23	SAM SANDIEGO	MTDB	745 H ST Chula Vista CA	ESE	0.12 / 615.79	6	597
23	CLEANUP SITES	MTDB	745 H ST CHULA VISTA CA 91910 ***Status | Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	ESE	0.12 / 615.79	6	598
23	LOP SANDIEGO	MTDB	745 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status:*** DEH2003-LSAM-H39642-001 | Completed	ESE	0.12 / 615.79	6	600
23	RCRA SQG	EXXONMOBIL OIL CORP 99MTS	745 H STREET GW MONITORING WELLS CHULA VISTA CA 91910 ***EPA Handler ID:*** CAR000208108	ESE	0.12 / 615.79	6	600
23	LUST	FORMER EXXONMOBIL / MTS STATION	745 H ST CHULA VISTA CA 91910 ***Global ID | Status Date | Status:*** T0607310406 | 5/4/2021 | OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION	ESE	0.12 / 615.79	6	603
23	CERS HAZ	ExxonMobil Oil Corp 99MTS (GW Monitoring Wells)	745 H ST CHULA VISTA CA 91910	ESE	0.12 / 615.79	6	645
23	HAZ SANDIEGO	ExxonMobil Oil Corp 99MTS (GW Monitoring Wells)	745 H ST Chula Vista CA 91910	ESE	0.12 / 615.79	6	647
24	RCRA NON GEN	MC INVESTMENT PARTNERS, LLC	467 COLORADO AVE CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003062531	ESE	0.12 / 618.46	6	648
25	RCRA SQG	PRUDENTIAL OVERALL SUPPLY	7 40 F ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAD981983265	NNE	0.12 / 629.75	18	649

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
25	RCRA SQG	PRUDENTIAL OVERALL SUPPLY	740 F STREET CHULA VISTA CA 91910 ***EPA Handler ID:*** CAD028015410	NNE	0.12 / 629.75	18	651
25	SAM SANDIEGO	PRUDENTIAL OVERALL SUPPLY	740 F ST Chula Vista CA	NNE	0.12 / 629.75	18	653
25	SAM SANDIEGO	PRUDENTIAL OVERALL SUPPLY	740 F ST Chula Vista CA	NNE	0.12 / 629.75	18	653
25	LUST	PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 92010 ***Global ID | Status Date | Status:*** T0607302719 | 2/18/1988 | COMPLETED - CASE CLOSED	NNE	0.12 / 629.75	18	654
25	LUST	PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 919102006 ***Global ID | Status Date | Status:*** T0607301090 | 5/5/2017 | COMPLETED - CASE CLOSED	NNE	0.12 / 629.75	18	656
25	HHSS	PRUDENTIAL OVERALL SUPPLY	740 F STREET CHULA VISTA CA 92010	NNE	0.12 / 629.75	18	674
25	UST SANDIEGO	PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 91910 ***Record ID | Permit Status:*** DEH2002-HUPFP-111432 | Permit Renewed	NNE	0.12 / 629.75	18	674
25	LOP SANDIEGO	PRUDENTIAL OVERALL SUPPLY	740 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status:*** DEH1986-LSAM-H11432-002 | Completed	NNE	0.12 / 629.75	18	675
25	LOP SANDIEGO	PRUDENTIAL OVERALL SUPPLY	740 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status:*** DEH1986-LSAM-H11432-001 | Completed	NNE	0.12 / 629.75	18	675
25	HAZ SANDIEGO	PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 91910	NNE	0.12 / 629.75	18	675
25	EMISSIONS	PRUDENTIAL OVERALL SUPPLY	740 F STREET CHULA VISTA CA 92010	NNE	0.12 / 629.75	18	681
25	CERS HAZ	PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 91910	NNE	0.12 / 629.75	18	681
25	HIST TANK	PRUDENTIAL OVERALL SUPPLY	740 "F" STREET CHULA VISTA CA	NNE	0.12 / 629.75	18	686

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
25	UST SWEEPS	PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA	NNE	0.12 / 629.75	18	686
			***C C	Status:*** I37-000-11432 | INACTIVE ***Tank ID:*** 000005, 000004, 000001, 000002, 000008, 000003, 000006, 000007			
25	UST SWEEPS	PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA	NNE	0.12 / 629.75	18	688
			***C C	Status:*** A37-000-11432 | ACTIVE			
26	RCRA NON GEN	DASHAWN PALMER	724 G ST CHULA VISTA CA 91910	ENE	0.12 / 634.08	10	688
			EPA Handler ID: CAC003060947				
27	HAZ SANDIEGO	MANNS TEXACO & U-HAUL	730 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	SE	0.12 / 654.06	4	689
27	HIST TANK	WALLACE MANN TEXACO	730 "H" STREET " CA	SE	0.12 / 654.06	4	690
27	UST SWEEPS	MANNS TEXACO & U-HAUL	730 H ST CHULA VISTA CA	SE	0.12 / 654.06	4	690
			***C C	Status:*** I37-000-12972 | INACTIVE ***Tank ID:*** 000001, 000003, 000004, 000005, 000002			
28	SEMS ARCHIVE	LAGOON DRIVE CHEMICALS	BAY BLVD. & LAGOON DRIVE CHULA VISTA CA 91910 ***EPA ID:*** CA0002323871	NNW	0.13 / 666.55	15	692
28	DELISTED CLEANUP	BAY BLVD. AND F STREET	BAY BLVD. AND F STREET Chula Vista CA 91910	NNW	0.13 / 666.55	15	692
29	CERCLIS	LAGOON DRIVE CHEMICALS	BAY BLVD. & LAGOON DRIVE CHULA VISTA CA 91910 ***Site EPA ID:*** CA0002323871	NNW	0.13 / 669.53	15	692
30	ENVIROSTOR	SAN DIEGO SHIP BUILDING	980 F STREET CHULA VISTA CA 92101	N	0.13 / 706.00	11	695
			***Estor/EPA ID	Cleanup Status:*** 37370125 | REFER: OTHER AGENCY AS OF 11/2/1998			
31	RCRA TSD	RON MARTIN	456 WOODAWN AVE UNIT D CHULA VISTA CA 91910	E	0.15 / 781.24	9	696
			EPA Handler ID: CAC003019955				
31	RCRA NON GEN	RON MARTIN	456 WOODAWN AVE UNIT D CHULA VISTA CA 91910	E	0.15 / 781.24	9	697
			EPA Handler ID: CAC003019955				
32	DELISTED TNK	ARCO AM/PM MINI MARKET #1914	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	698

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
32	SAM SANDIEGO	ARCO AM/PM MINI MARKET #1914	720 H ST Chula Vista CA	ESE	0.15 / 804.52	5	698
32	LUST	ARCO AM/PM MINI MARKET #1914	720 H ST CHULA VISTA CA 919104004	ESE	0.15 / 804.52	5	699
			Global ID* | *Status Date* | *Status: T0607301869 | 4/7/2020 | COMPLETED - CASE CLOSED				
32	HAZ SANDIEGO	"H" STREET ARCO	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	716
32	HAZ SANDIEGO	ARCO FACILITY NO. 1914	720 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	722
32	HHSS	RALPH E EMARINE DBA AM/PM MIN	720 H STREET INTERSTATE #5 CHULA VISTA CA 92010	ESE	0.15 / 804.52	5	723
32	HHSS	RALPH E EMARINE	720 H ST CHULA VISTA CA 92010	ESE	0.15 / 804.52	5	723
32	UST SANDIEGO	"H" STREET ARCO	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	723
			Record ID* | *Permit Status: DEH2012-HUPFP-215933 | Permit Renewed				
32	LOP SANDIEGO	ARCO AM/PM MINI MARKET #1914	720 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	ESE	0.15 / 804.52	5	724
			Record ID* | *Record Status: DEH1995-LSAM-H20106-001 | Completed				
32	DELISTED TNK	H STREET ARCO	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	724
32	EMISSIONS	ARCO AM PM MINI MARKET #1914	720H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	724
32	EMISSIONS	ARCO AM PM MINI MARKET #1914	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	730
32	EMISSIONS	ARCO #1914	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	730
32	CERS TANK	"H" STREET ARCO	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	5	732

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Site ID: 61				
32	HIST TANK	RALPH E EMARINE	720 H ST CHULA VISTA CA	ESE	0.15 / 804.52	5	740
32	HIST TANK	RALPH E. EMARINE DBA AM/PM MIN	720 "H" STREET CHULA VISTA CA	ESE	0.15 / 804.52	5	740
32	UST	H STREET ARCO	720 H ST CHULA VISTA CA 91910 ***Facility ID:*** 37-000-215933 ***Tank ID No. | Tank Status | Tank Closure Date:*** 24787 | Confirmed/Updated Information | , 24788 | Confirmed/Updated Information |	ESE	0.15 / 804.52	5	740
32	RCRA NON GEN	TESORO 97610-1914	720 H ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAL000410683	ESE	0.15 / 804.52	5	741
32	RCRA NON GEN	GS & SS PETROLIUM INC	720 H ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAL000267011	ESE	0.15 / 804.52	5	742
32	UST SWEEPS	DONN SWARTZ	720 H ST 1914 CHULA VISTA CA ***C C | Status:*** A37-000-20106 | ACTIVE ***Tank ID:*** 000001, 000002, 000003	ESE	0.15 / 804.52	5	743
33	RCRA NON GEN	WILLIAM KEMERY	415 WOODLAWN AVE UNIT D CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003049111	ENE	0.15 / 815.88	11	744
34	RCRA NON GEN	MARGARET & JOE LAMADRID	435 WOODLAWN AVE UNIT D CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003131296	E	0.16 / 835.63	8	745
35	PFAS GW		CA	SSW	0.17 / 875.90	-8	746
36	RCRA SQG	BECKS ALIGNMENT	736 F ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAD981988470	NNE	0.17 / 902.56	20	767
36	HAZ SANDIEGO	BECKA AUTOMOTIVE INC.	736 F ST CHULA VISTA CA 91910	NNE	0.17 / 902.56	20	768
36	RCRA NON GEN	BECKA AUTOMOTIVE, INC.	736 F ST CHULA VISTA CA 91910-2006 ***EPA Handler ID:*** CAL000306106	NNE	0.17 / 902.56	20	772
37	PFAS GW		CA	SSW	0.18 / 952.77	-9	773

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
38	RCRA NON GEN	691 G ST.	691 G ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC002995475	ENE	0.19 / 976.93	13	794
39	ALT FUELS	Seven Mile Casino - Tesla Destination	285 Bay Blvd Chula Vista CA 91910 ***ID:*** 112923	NNW	0.19 / 994.19	15	795
40	RCRA NON GEN	CHEVRON 96056	695 H ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAD982487035	ESE	0.19 / 1,000.61	7	796
40	DELISTED TNK	CHEVRON #9-6056	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	7	799
40	SAM SANDIEGO	CHEVRON #9-6056	695 H ST Chula Vista CA	ESE	0.19 / 1,000.61	7	799
40	SAM SANDIEGO	CHEVRON #9-6056	695 H ST Chula Vista CA	ESE	0.19 / 1,000.61	7	800
40	CLEANUP SITES	FORMER CHEVRON	695 H STREET CHULA VISTA CA 91910 ***Status | Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	ESE	0.19 / 1,000.61	7	800
40	LUST	CHEVRON #9-6056	695 H ST CHULA VISTA CA 919104222 ***Global ID | Status Date | Status:*** T0607301886 | 9/18/2007 | COMPLETED - CASE CLOSED	ESE	0.19 / 1,000.61	7	803
40	HAZ SANDIEGO	CHEVRON #9-6056	695 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	7	810
40	HHSS	96056	695 H ST CHULA VISTA CA 92010	ESE	0.19 / 1,000.61	7	811
40	LOP SANDIEGO	CHEVRON #9-6056	695 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status:*** DEH1995-LSAM-H13127-001 | Completed	ESE	0.19 / 1,000.61	7	811
40	EMISSIONS	CHEVRONH STREET CHULA VISTA	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	7	811
40	EMISSIONS	CHEVRON	695H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	7	812

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
40	EMISSIONS	CHEVRON	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	7	817
40	EMISSIONS	CHEVRON / H STREET CHULA VISTA	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	7	818
40	HIST TANK	96056	695 H ST CHULA VISTA CA	ESE	0.19 / 1,000.61	7	819
40	UST SWEEPS	PAULS CHEVRON SERVICE	695 H ST CHULA VISTA CA ***C C | Status:*** A37-000-13127 | ACTIVE ***Tank ID:*** 000001, 000002, 000004, 000003	ESE	0.19 / 1,000.61	7	819
41	HAZ TSD	PORT OF SAN DIEGO DERELICTBOAT YARD	891 G ST CHULA VISTA CA 91910	W	0.21 / 1,086.12	-10	820
42	RCRA NON GEN	WOODLAWN GARDENS APTS.	535 WOODLAWN AVE #2 & 6 CHULA VISTA CA 91910- 5136 ***EPA Handler ID:*** CAC003066759	ESE	0.22 / 1,141.28	5	820
42	RCRA NON GEN	WOODLAWN GARDENS APTS.	535 WOODLAWN AVE. CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003084351	ESE	0.22 / 1,141.28	5	822
42	RCRA NON GEN	WOODLAWN GARDENS APTS.	535 WOODLAWN AVE. #4 CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003080885	ESE	0.22 / 1,141.28	5	823
42	RCRA NON GEN	WOODLAWN GARDENS APTS.	535 WOODLAWN AVE. #3 CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003118298	ESE	0.22 / 1,141.28	5	824
43	HAZ SANDIEGO	7-ELEVEN STORE #13576	698 H ST, CHULA VISTA, CA 91910-4219 CHULA VISTA CA 91910- 4219	ESE	0.22 / 1,159.50	8	825
44	RCRA NON GEN	CHULA VISTA CITY OF	707 "F" ST CHULA VISTA CA 91910 ***EPA Handler ID:*** CAD981371461	N	0.23 / 1,216.83	21	826
44	RCRA SQG	CHULA VISTA CITY OF PW OPS	707 F STREET CHULA VISTA CA 91910 ***EPA Handler ID:*** CAD981435852	N	0.23 / 1,216.83	21	828
44	SAM SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	21	829

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
44	SAM SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	21	829
44	SAM SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	21	830
44	SAM SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	21	831
44	SAM SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	21	831
44	CLEANUP SITES	CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA 919102005	N	0.23 / 1,216.83	21	832
			Status* | *Site Facility Type: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE				
44	LUST	CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA 919102005	N	0.23 / 1,216.83	21	834
			Global ID* | *Status Date* | *Status: T06019774117 | 7/7/2008 | COMPLETED - CASE CLOSED				
44	LUST	CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA 919102005	N	0.23 / 1,216.83	21	837
			Global ID* | *Status Date* | *Status: T0607302137 | 3/29/1999 | COMPLETED - CASE CLOSED				
44	LUST	CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA 919102005	N	0.23 / 1,216.83	21	839
			Global ID* | *Status Date* | *Status: T0607399063 | 7/12/2017 | COMPLETED - CASE CLOSED				
44	HAZ SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	N	0.23 / 1,216.83	21	851
44	HAZ SANDIEGO	COMMUNITY TRANSIT SERVICE	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	N	0.23 / 1,216.83	21	852
44	HAZ SANDIEGO	PENSKE TRUCK LEASING	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	N	0.23 / 1,216.83	21	853
44	HHSS	PUBLIC WORKS/EQUIP MAINTENANCE	707 F STREET CHULA VISTA CA 92010	N	0.23 / 1,216.83	21	854

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
44	CLEANUP SITES	CHULA VISTA CITY PUBLIC WORKS	707 F STREET CHULA VISTA CA 91910	N	0.23 / 1,216.83	21	854
			***Status*	*Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE			
44	LOP SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	N	0.23 / 1,216.83	21	856
			***Record ID*	*Record Status:*** DEH1994-LSAM-H04568-002 | Completed			
44	LOP SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	N	0.23 / 1,216.83	21	856
			***Record ID*	*Record Status:*** DEH2004-LSAM-H04568-005 | Completed			
44	LOP SANDIEGO	CHULA VISTA CITY PUBLIC WORKS	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	N	0.23 / 1,216.83	21	856
			***Record ID*	*Record Status:*** DEH1999-LSAM-H04568-003 | Completed			
44	HIST TANK	PUBLIC WORKS/EQUIP. MAINTENANC	707 F STREET CHULA VISTA CA	N	0.23 / 1,216.83	21	857
44	RCRA NON GEN	CITY OF CHULA VISTA	707 F STREET CHULA VISTA CA 91910	N	0.23 / 1,216.83	21	857
			EPA Handler ID: CAC003070628				
44	UST SWEEPS	CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA	N	0.23 / 1,216.83	21	858
			***C C*	*Status:*** A37-000-4568 | ACTIVE ***Tank ID:*** 000005, 000006, 000001			
44	UST SWEEPS	CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA	N	0.23 / 1,216.83	21	859
			***C C*	*Status:*** I37-000-4568 | INACTIVE ***Tank ID:*** 000002, 000003, 000004			
44	RCRA NON GEN	BLUE PACIFIC ENGINEERING & CONSTRUCTION	707 F ST CHULA VISTA CA 91910	N	0.23 / 1,216.83	21	859
			EPA Handler ID: CAL000466398				
44	WMUD	CHULA VISTA,CITY OF, PUB WORKS	707 F ST CHULA VISTA CA 91910	N	0.23 / 1,216.83	21	860
45	RCRA NON GEN	VISTAN APTS.	460 OAKLAWN AVENUE #G CHULA VISTA CA 91910	E	0.23 / 1,229.32	11	862
			EPA Handler ID: CAC002986948				
46	PFAS GW		CA	SSW	0.24 / 1,248.71	-11	863
47	RCRA NON GEN	WOODLAWN GARDENS APTS.	545 WOODLAWN AVE. #30 CHULA VISTA CA 91910	ESE	0.24 / 1,250.01	7	883

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003163372				
48	INSP COMP ENF	CAL-GREEN EXPRESS TRANSPORT	692 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,253.95	8	885
49	PFAS GW		CA	SSW	0.24 / 1,254.84	-10	885
50	CLEANUP SITES	CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - Chula Vista Bayfront Development	San Diego Bayfront Chula Vista CA 91910	WSW	0.24 / 1,265.99	-8	895
			Status **|** ***Site Facility Type:*** Open - Assessment & Interim Remedial Action | Cleanup Program Site				
51	RCRA NON GEN	DAVID BECK	430 OAKLAWN AVE UNIT E CHULA VISTA CA 91910	E	0.24 / 1,271.58	12	900
			EPA Handler ID: CAC003112317				
51	RCRA NON GEN	VISTAN APARTMENTS	430 OAKLAWN AVE UNIT B CHULA VISTA CA 91910	E	0.24 / 1,271.58	12	901
			EPA Handler ID: CAC003185129				
52	DELISTED TNK	WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	10	902
52	SAM SANDIEGO	WORLD OIL MARKETING CO. #46	685 H ST Chula Vista CA	ESE	0.24 / 1,277.47	10	902
52	SAM SANDIEGO	WORLD OIL MARKETING CO. #46	685 H ST Chula Vista CA	ESE	0.24 / 1,277.47	10	903
52	LUST	WORLD OIL #46	685 H ST CHULA VISTA CA 919104222	ESE	0.24 / 1,277.47	10	903
			Global ID **|** ***Status Date*** **|** ***Status:*** T0607302686 | 4/25/2000 | COMPLETED - CASE CLOSED				
52	LUST	WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 919104222	ESE	0.24 / 1,277.47	10	906
			Global ID **|** ***Status Date*** **|** ***Status:*** T0607301884 | 6/21/2017 | COMPLETED - CASE CLOSED				
52	HHSS	WORLD OIL MARKETING CO 46	685 H STREET OAKLAND CHULA VISTA CA 92010	ESE	0.24 / 1,277.47	10	941
52	DELISTED TNK	WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	10	942

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
52	LOP SANDIEGO	WORLD OIL MARKETING CO. #46	685 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID*	*Record Status:*** DEH1999-LSAM-H03739-002 | Completed	ESE	0.24 / 1,277.47	10	942
52	LOP SANDIEGO	WORLD OIL MARKETING CO. #46	685 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID*	*Record Status:*** DEH1995-LSAM-H03739-001 | Completed	ESE	0.24 / 1,277.47	10	942
52	HAZ SANDIEGO	WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910		ESE	0.24 / 1,277.47	10	942
52	UST	WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910 ***Facility ID:*** 37-000-103739 ***Tank ID No. | Tank Status | Tank Closure Date:*** 17791 | Renewal Permit | , 17794 | Renewal Permit | , 17793 | Renewal Permit | , 17792 | Renewal Permit |		ESE	0.24 / 1,277.47	10	948
52	EMISSIONS	WORLD OILCHULA VISTA	685 H ST CHULA VISTA CA 91910		ESE	0.24 / 1,277.47	10	950
52	EMISSIONS	WORLD OIL / CHULA VISTA	685 H ST CHULA VISTA CA 91910		ESE	0.24 / 1,277.47	10	950
52	EMISSIONS	WORLD OIL CO	685 H ST CHULA VISTA CA 91910		ESE	0.24 / 1,277.47	10	952
52	EMISSIONS	WORLD OIL CO	685H ST CHULA VISTA CA 91910		ESE	0.24 / 1,277.47	10	952
52	CERS TANK	WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910 ***Site ID:*** 172366		ESE	0.24 / 1,277.47	10	958
52	HIST TANK	WORLD OIL MARKETING CO. #46	685 "H" STREET CHULA VISTA CA		ESE	0.24 / 1,277.47	10	967
52	UST SWEEPS	WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA ***C C | Status:*** A37-000-3739 | ACTIVE ***Tank ID:*** 000004, 000005, 000003, 000001, 000002		ESE	0.24 / 1,277.47	10	967
52	UST SANDIEGO	WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910 ***Record ID*	*Permit Status:*** DEH2002-HUPFP-103739 | Permit Renewed	ESE	0.24 / 1,277.47	10	968
53	RCRA NON GEN	VISTAN APARTMENTS - ESSEL MANAGEMENT	417 OAKLAWN AVENUE UNIT C CHULA VISTA CA 91910		ENE	0.24 / 1,279.54	15	969

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003173668				
54	PFAS GW		CA	SSW	0.24 / 1,280.16	-11	970
55	RCRA NON GEN	VISTAN APARTMENTS - ESSEL MANAGEMENT	425 OAKLAWN AVENUE UNIT C CHULA VISTA CA 92101 ***EPA Handler ID:*** CAC003173669	ENE	0.24 / 1,283.94	13	990
56	PFAS GW		CA	SSW	0.24 / 1,286.77	-11	992
57	PFAS GW		CA	SW	0.24 / 1,287.73	-9	1012
58	PFAS GW		CA	SW	0.24 / 1,288.87	-9	1033
59	PFAS GW		CA	SW	0.24 / 1,290.27	-9	1054
60	RCRA NON GEN	ESSEL MANAGER INC	448 OAKLAWN AVENUE UNIT G CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003166433	E	0.25 / 1,294.22	10	1064
61	RCRA NON GEN	VISTAN APARTMENTS	437 OAKLAWN AVE UNIT A CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003124814	E	0.25 / 1,298.80	11	1065
62	RCRA NON GEN	ESSEL MANAGER INC	401 OAKLAWN AVENUE UNIT K CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003166448	E	0.25 / 1,301.42	11	1066
63	RCRA NON GEN	VISTAN APARTMENTS - ESSEL MANAGEMENT	462 OAKLAWN AVENUE UNIT M CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003173895	E	0.25 / 1,312.19	9	1068
64	PFAS GW		CA	S	0.25 / 1,337.72	-9	1069
65	PFAS GW		CA	S	0.25 / 1,344.03	-9	1089
66	PFAS GW		CA	S	0.26 / 1,350.13	-9	1100

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
67	SAM SANDIEGO	THRIFTY OIL STN #080	666 H ST Chula Vista CA	ESE	0.27 / 1,451.27	13	1110
67	LUST	THRIFTY OIL COMPANY #080	666 H ST CHULA VISTA CA 919104220	ESE	0.27 / 1,451.27	13	1111
			Global ID* | *Status Date* | *Status: T0607302991 | 1/27/2017 | COMPLETED - CASE CLOSED				
67	LOP SANDIEGO	THRIFTY OIL STN #080	666 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	ESE	0.27 / 1,451.27	13	1122
			Record ID* | *Record Status: DEH1987-LSAM-H20174-001 | Completed				
68	ENVIROSTOR	ROHR AIRCRAFT CORP	CHULA VISTA CA	SSE	0.28 / 1,484.47	-3	1122
			Estor/EPA ID* | *Cleanup Status: 80000939 | INACTIVE - NEEDS EVALUATION AS OF 7/1/2005				
68	FUDS	ROHR AIRCRAFT CORP.	CHULA VISTA CA	SSE	0.28 / 1,484.47	-3	1123
			FUDS Property No: J09CA7263				
69	PFAS GW		CA	SSW	0.29 / 1,510.47	-8	1124
70	SWF/LF	F & G Street Marsh	Lagoon Dr. & Marina Parkway Chula Vista CA 91911	WNW	0.29 / 1,512.31	-8	1144
			Act Opl Status* | *Activity: Closed | Solid Waste Disposal Site				
70	SWF SANDIEGO	F & G Street Marsh	LAGOON @ MARINA PARKWAY CHULA VISTA CA	WNW	0.29 / 1,512.31	-8	1145
71	PFAS GW		CA	SSW	0.29 / 1,514.00	-8	1146
72	PFAS GW		CA	S	0.29 / 1,547.57	-7	1187
73	PFAS GW		CA	S	0.29 / 1,550.03	-8	1208
74	PFAS GW		CA	S	0.29 / 1,553.14	-7	1249
75	VCP	WOODLAWN COLONIAL APARTMENTS	245-255 WOODLAWN AVENUE CHULA VISTA CA 91910	N	0.31 / 1,654.96	25	1270

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Estor/EPA ID	Cleanup Status:*** 60001253 | NO FURTHER ACTION AS OF 6/30/2014			
75	ENVIROSTOR	WOODLAWN COLONIAL APARTMENTS	245-255 WOODLAWN AVENUE CHULA VISTA CA 91910 ***Estor/EPA ID	Cleanup Status:*** 60001253 | NO FURTHER ACTION AS OF 6/30/2014	N	0.31 / 1,654.96	25	1272
76	PFAS GW		CA	S	0.32 / 1,675.21	-8	1273
77	PFAS GW		CA	S	0.32 / 1,691.45	-8	1315
78	RCRA TSD	BEST YEAR AUTO REPAIR SERVICE CENTER LLC	647 H ST CHULA VISTA CA 91910-4201 ***EPA Handler ID:*** CAL000206522	E	0.33 / 1,726.94	16	1335
79	RCRA TSD	THE ATHERTON APT. HOMES	245 WOODLAWN AVE. CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003013969	N	0.33 / 1,745.67	26	1336
80	RCRA TSD	KUEBLER & KUEBLER LTD #1	616 G STREET #62 CHULA VISTA CA 91910 ***EPA Handler ID:*** CAC003013147	ENE	0.34 / 1,793.67	20	1338
81	PFAS GW		CA	SSW	0.34 / 1,799.08	-8	1339
82	PFAS GW		CA	SSW	0.34 / 1,805.47	-8	1359
83	CLEANUP SITES	CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - Chula Vista Bayfront Master Plan	Development - Sweetwater Parcels 215 Bay Boulevard Chula Vista CA 91910 ***Status	Site Facility Type:*** Completed - Case Closed | Cleanup Program Site	NNW	0.35 / 1,824.73	4	1380
83	SAM SANDIEGO	Sweetwater Parcels	215 Bay BLVD Chula Vista CA	NNW	0.35 / 1,824.73	4	1389
84	CLEANUP SITES	U S FISH AND WILDLIFE SERVICE	NONE E ST(FOOT OF) CHULA VISTA CA 91910 ***Status	Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE	NNW	0.36 / 1,899.43	1	1390
85	RCRA TSD	DOLLAR TREE #07831	510 BROADWAY STE 1 CHULA VISTA CA 91910 ***EPA Handler ID:*** CAL000444593	E	0.37 / 1,974.59	19	1391

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
86	CLEANUP SITES	CHULA VISTA GENERAL PLAN SITE 1-A	789 E STREET CHULA VISTA CA 91910	NNW	0.38 / 1,995.92	7	1392
			***Status*	*Site Facility Type:*** OPEN - SITE ASSESSMENT	CLEANUP PROGRAM SITE			
87	SAM SANDIEGO	FORMER SHANGRILA SITE	980 LAGOON DR Chula Vista CA	WNW	0.38 / 2,011.60	-10	1397
87	CLEANUP SITES	FORMER SHANGRILA SITE	980 LAGOON DR CHULA VISTA CA 91910	WNW	0.38 / 2,011.60	-10	1398
			***Status*	*Site Facility Type:*** COMPLETED - CASE CLOSED	CLEANUP PROGRAM SITE			
87	SEMS ARCHIVE	SAN DIEGO SHIP BUILDING	980 F STREET CHULA VISTA CA 92010	WNW	0.38 / 2,011.60	-10	1400
			EPA ID: CAD107568321				
87	CLEANUP SITES	SEDIMENT OFF FORMER SHANGRILA SITE	980 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.38 / 2,011.60	-10	1400
			***Status*	*Site Facility Type:*** OPEN - INACTIVE	CLEANUP PROGRAM SITE			
88	CERCLIS	SAN DIEGO SHIP BUILDING	980 F STREET CHULA VISTA CA 92010	WNW	0.38 / 2,012.57	-10	1402
			Site EPA ID: CAD107568321				
88	CERCLIS NFRAP	SAN DIEGO SHIP BUILDING	980 F STREET CHULA VISTA CA 92010	WNW	0.38 / 2,012.57	-10	1403
			Site EPA ID: CAD107568321				
89	PFAS GW		CA	SSW	0.38 / 2,015.63	-8	1404
90	PFAS GW		CA	SSW	0.38 / 2,021.83	-6	1425
91	PFAS GW		CA	SSW	0.38 / 2,030.09	-7	1446
92	SAM SANDIEGO	HIRAM'S MOBIL (#10754)	765 E ST Chula Vista CA	N	0.39 / 2,052.86	16	1467
92	LUST	HIRAM'S MOBIL (#10754)	765 E ST CHULA VISTA CA 919102003	N	0.39 / 2,052.86	16	1467
			***Global ID*	*Status Date*	*Status:*** T0607303064	2/8/1991	COMPLETED - CASE CLOSED			
92	LOP SANDIEGO	HIRAM'S MOBIL (#10754)	765 E ST, CHULA VISTA, CA 91910 CHULA VISTA CA	N	0.39 / 2,052.86	16	1469
			***Record ID*	*Record Status:*** DEH1987-LSAM-H05429-001	Completed			

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
93	SAM SANDIEGO	FLUID SYSTEMS	965 F ST Chula Vista CA	WNW	0.39 / 2,056.32	-11	1470
93	SAM SANDIEGO	FLUID SYSTEMS	965 F ST Chula Vista CA	WNW	0.39 / 2,056.32	-11	1470
93	SAM SANDIEGO	FLUID SYSTEMS	965 F ST Chula Vista CA	WNW	0.39 / 2,056.32	-11	1471
93	LUST	FLUID SYSTEMS	965 F ST CHULA VISTA CA 92010	WNW	0.39 / 2,056.32	-11	1472
			***Global ID*	*Status Date*	*Status:*** T0607300888 | 10/6/1995 | COMPLETED - CASE CLOSED		
93	LOP SANDIEGO	FLUID SYSTEMS	965 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	WNW	0.39 / 2,056.32	-11	1474
			***Record ID*	*Record Status:*** DEH1991-LSAM-H32432-003 | Completed			
93	LOP SANDIEGO	FLUID SYSTEMS	965 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	WNW	0.39 / 2,056.32	-11	1475
			***Record ID*	*Record Status:*** DEH1991-LSAM-H32432-001 | Completed			
93	CALSITES	UOP FLUID SYSTEMS	965 F STREET CHULA VISTA CA 92010	WNW	0.39 / 2,056.32	-11	1475
94	ENVIROSTOR	UOP FLUID SYSTEMS	965 F STREET CHULA VISTA CA 92010	WNW	0.40 / 2,093.20	-9	1476
			***Estor/EPA ID*	*Cleanup Status:*** 37760082 | REFER: LOCAL AGENCY AS OF 1/11/2011			
95	CLEANUP SITES	VACANT PROPERTY OWNED BY THE SD UNIFIED PORT DISTRICT (PLAT NO. 032-008)	MARINA PARKWAY CHULA VISTA CA 91910	S	0.41 / 2,166.67	-5	1476
			***Status*	*Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE			
96	SAM SANDIEGO	OPTIMA CAR WASH	498 BROADWAY Chula Vista CA	E	0.41 / 2,181.57	22	1481
96	SAM SANDIEGO	OPTIMA CAR WASH	498 BROADWAY Chula Vista CA	E	0.41 / 2,181.57	22	1482
96	SAM SANDIEGO	OPTIMA CAR WASH	498 BROADWAY Chula Vista CA	E	0.41 / 2,181.57	22	1483
96	CLEANUP SITES	OPTIMA CAR WASH	498 BROADWAY CHULA VISTA CA 91910	E	0.41 / 2,181.57	22	1483
			***Status*	*Site Facility Type:*** COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE			

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
96	CLEANUP SITES	OPTIMA CAR WASH	498 BROADWAY CHULA VISTA CA 91910	E	0.41 / 2,181.57	22	1485
			***Status*	*Site Facility Type:*** COMPLETED - CASE CLOSED	CLEANUP PROGRAM SITE		
96	LUST	OPTIMA CAR WASH	498 BROADWAY CHULA VISTA CA 91910	E	0.41 / 2,181.57	22	1488
			***Global ID*	*Status Date*	*Status:*** T0607302590	3/1/2022	OPEN - SITE ASSESSMENT				
96	LOP SANDIEGO	OPTIMA CAR WASH	498 BROADWAY, CHULA VISTA, CA 91910 CHULA VISTA CA	E	0.41 / 2,181.57	22	1503
			***Record ID*	*Record Status:*** DEH1986-LSAM-H05368-001	Completed						
96	LOP SANDIEGO	OPTIMA CAR WASH	498 BROADWAY, CHULA VISTA, CA 91910 CHULA VISTA CA	E	0.41 / 2,181.57	22	1503
			***Record ID*	*Record Status:*** DEH1991-LSAM-H05368-002	Completed						
96	LOP SANDIEGO	OPTIMA CAR WASH	498 BROADWAY, CHULA VISTA, CA 91910 CHULA VISTA CA	E	0.41 / 2,181.57	22	1504
			***Record ID*	*Record Status:*** DEH1998-LSAM-H05368-003	Completed						
97	ENVIROSTOR	E STREET PLAZA SHOPPING CENTER	640-692 E STREET CHULA VISTA CA 91910	NNE	0.42 / 2,226.04	28	1504
			***Estor/EPA ID*	*Cleanup Status:*** 60001334	ACTIVE AS OF 9/21/2009						
98	C&D DEBRIS RECY	PEP BOYS #651	454 BROADWAY CHULA VISTA CA 91910	E	0.43 / 2,275.12	20	1513
99	PFAS GW		CA	S	0.44 / 2,311.19	-9	1514
100	CERCLIS	SOUTH BAY BOAT YARD	997 G CHULA VISTA CA 92010	W	0.44 / 2,316.95	-5	1534
			Site EPA ID: CAD983658451				
100	CERCLIS NFRAP	SOUTH BAY BOAT YARD	997 G CHULA VISTA CA 92010	W	0.44 / 2,316.95	-5	1536
			Site EPA ID: CAD983658451				
100	SEMS ARCHIVE	SOUTH BAY BOAT YARD	997 G CHULA VISTA CA 92010	W	0.44 / 2,316.95	-5	1537
			EPA ID: CAD983658451				
100	CLEANUP SITES	THE MARINE GROUP, LLC	997 G STREET CHULA VISTA CA 91910	W	0.44 / 2,316.95	-5	1537
			***Status*	*Site Facility Type:*** OPEN - INACTIVE	CLEANUP PROGRAM SITE		
100	HAZ TSD	MARINE GROUP BOAT WORKS LLC	997 G ST CHULA VISTA CA 919103414	W	0.44 / 2,316.95	-5	1539

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
101	SAM SANDIEGO	BIG O TIRES #629	399 BROADWAY Chula Vista CA	ENE	0.45 / 2,365.18	24	1539
101	LUST	BIG O TIRES #629	399 BROADWAY CHULA VISTA CA 919103523	ENE	0.45 / 2,365.18	24	1540
			Global ID* | *Status Date* | *Status: T0607303207 | 9/12/1988 | COMPLETED - CASE CLOSED				
101	LOP SANDIEGO	BIG O TIRES #629	399 BROADWAY, CHULA VISTA, CA 91910 CHULA VISTA CA	ENE	0.45 / 2,365.18	24	1542
			Record ID* | *Record Status: DEH1988-LSAM-H28017-001 | Completed				
102	CLEANUP SITES	CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - CVBD - Pacifica Exchange Parcels	(H-13, H-14, H-15, HP-5) Marina Parkway Chula Vista CA 91910	S	0.45 / 2,367.91	-7	1542
			Status* | *Site Facility Type: Open - Remediation | Cleanup Program Site				
102	DEED	CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - CVBD - Pacifica Exchange Parcels	(H-13, H-14, H-15, HP-5) Marina Parkway Chula Vista CA 91910	S	0.45 / 2,367.91	-7	1552
103	DELISTED HAZ	7-Eleven 13570	285 BROADWAY CHULA VISTA CA 91910	NE	0.45 / 2,377.40	28	1552
104	SAM SANDIEGO	ELDORADO CLEANERS & LAUNDRY	648 E ST Chula Vista CA	NNE	0.46 / 2,415.39	28	1552
104	CLEANUP SITES	ELDORADO CLEANERS & LAUNDRY	648 E ST CHULA VISTA CA 919102113	NNE	0.46 / 2,415.39	28	1553
			Status* | *Site Facility Type: OPEN - REMEDIATION | CLEANUP PROGRAM SITE				
104	LOP SANDIEGO	ELDORADO CLEANERS & LAUNDRY	648 E ST, CHULA VISTA, CA 91910 CHULA VISTA CA	NNE	0.46 / 2,415.39	28	1556
			Record ID* | *Record Status: DEH1996-LSAM-H02684-001 | Completed				
105	LUST	TUNE CRAFT #11	355 BROADWAY CHULA VISTA CA 919103501	ENE	0.47 / 2,455.33	28	1557
			Global ID* | *Status Date* | *Status: T0607391332 | 1/8/2008 | COMPLETED - CASE CLOSED				
106	CLEANUP SITES	260 BROADWAY	260 BROADWAY CHULA VISTA CA 91910	NE	0.49 / 2,571.19	30	1561
			Status* | *Site Facility Type: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE				
107	SCH	CHULA VISTA LEARNING COMMUNITY CHARTER	821/824 BROADWAY/562 NORTH K STREET CHULA VISTA CA 91911	SE	0.90 / 4,731.77	30	1568
			Estor/EPA ID* | *Cleanup Status: 37880001 | NO FURTHER ACTION AS OF 3/29/2001				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
107	ENVIROSTOR	CHULA VISTA LEARNING COMMUNITY CHARTER	821/824 BROADWAY/562 NORTH K STREET CHULA VISTA CA 91911	SE	0.90 / 4,731.77	30	1569
			***Estor/EPA ID	Cleanup Status:*** 37880001 | NO FURTHER ACTION AS OF 3/29/2001			
108	ENVIROSTOR	SWEET WATER MARSH - GUNPOWDER POINT/PARADISE MARSH BURNASH PROPERTY	1000 FEET NORTH OF E STREET CHULA VISTA CA 91910	NNW	0.96 / 5,051.01	-10	1570
			***Estor/EPA ID	Cleanup Status:*** 60001980 | NO FURTHER ACTION AS OF 6/3/2019			

Executive Summary: Summary by Data Source

Standard

Federal

SEMS ARCHIVE - SEMS List 8R Archive Sites

A search of the SEMS ARCHIVE database, dated Nov 23, 2022 has found that there are 5 SEMS ARCHIVE site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
THERMO KING OF SAN DIEGO, INC.	340 BAY BOULEVARD CHULA VISTA CA 92010 ***EPA ID**: CAD983658428*	NNW	0.02 / 91.73	8
LAGOON DRIVE CHEMICALS	BAY BLVD. & LAGOON DRIVE CHULA VISTA CA 91910 ***EPA ID**: CA0002323871*	NNW	0.13 / 666.55	28

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR IND INC	FOOT OF H ST CHULA VISTA CA 92012 ***EPA ID**: CAD008382053*	SSW	0.01 / 72.12	7
SAN DIEGO SHIP BUILDING	980 F STREET CHULA VISTA CA 92010 ***EPA ID**: CAD107568321*	WNW	0.38 / 2,011.60	87
SOUTH BAY BOAT YARD	997 G CHULA VISTA CA 92010 ***EPA ID**: CAD983658451*	W	0.44 / 2,316.95	100

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

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 5 CERCLIS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
THERMO KING OF SAN DIEGO, INC.	340 BAY BOULEVARD CHULA VISTA CA 92010 ***Site EPA ID**: CAD983658428*	NNW	0.02 / 91.73	8
LAGOON DRIVE CHEMICALS	BAY BLVD. & LAGOON DRIVE CHULA VISTA CA 91910 ***Site EPA ID**: CA0002323871*	NNW	0.13 / 669.53	29

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR IND INC	FOOT OF H ST CHULA VISTA CA 92012 ***Site EPA ID**: CAD008382053*	SSW	0.01 / 72.12	7
SAN DIEGO SHIP BUILDING	980 F STREET CHULA VISTA CA 92010 ***Site EPA ID**: CAD107568321*	WNW	0.38 / 2,012.57	88
SOUTH BAY BOAT YARD	997 G CHULA VISTA CA 92010 ***Site EPA ID**: CAD983658451*	W	0.44 / 2,316.95	100

CERCLIS NFRAP - CERCLIS - No Further Remedial Action Planned

A search of the CERCLIS NFRAP database, dated Oct 25, 2013 has found that there are 4 CERCLIS NFRAP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
THERMO KING OF SAN DIEGO, INC.	340 BAY BOULEVARD CHULA VISTA CA 92010 ***Site EPA ID**: CAD983658428*	NNW	0.02 / 91.73	8

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR IND INC	FOOT OF H ST CHULA VISTA CA 92012 ***Site EPA ID**: CAD008382053*	SSW	0.01 / 72.12	7
SAN DIEGO SHIP BUILDING	980 F STREET CHULA VISTA CA 92010 ***Site EPA ID**: CAD107568321*	WNW	0.38 / 2,012.57	88
SOUTH BAY BOAT YARD	997 G CHULA VISTA CA 92010 ***Site EPA ID**: CAD983658451*	W	0.44 / 2,316.95	100

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Nov 7, 2022 has found that there are 6 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SAN DIEGO UNIFIED PORT DISTRICT	850 LAGOON DRIVE CHULA VISTA CA 91910 ***EPA Handler ID**: CAC002577707*	WNW	0.11 / 585.90	18
RON MARTIN	456 WOODAWN AVE UNIT D CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003019955*	E	0.15 / 781.24	31

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BEST YEAR AUTO REPAIR SERVICE CENTER LLC	647 H ST CHULA VISTA CA 91910-4201 ***EPA Handler ID**: CAL000206522*	E	0.33 / 1,726.94	78
THE ATHERTON APT. HOMES	245 WOODLAWN AVE. CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003013969*	N	0.33 / 1,745.67	79
KUEBLER & KUEBLER LTD #1	616 G STREET #62 CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003013147*	ENE	0.34 / 1,793.67	80
DOLLAR TREE #07831	510 BROADWAY STE 1 CHULA VISTA CA 91910 ***EPA Handler ID**: CAL000444593*	E	0.37 / 1,974.59	85

RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Nov 7, 2022 has found that there are 1 RCRA LQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INC., A COLLINS AEROSPACE COMPANY	850 LAGOON DR CHULA VISTA CA 91910 ***EPA Handler ID**: CAD008382053*	WNW	0.11 / 585.90	18

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Nov 7, 2022 has found that there are 7 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SAN DIEGO UNIFIED PORT DISTRICT	850 LAGOON DRIVE CHULA VISTA CA 91910 ***EPA Handler ID**: CAC002577707*	WNW	0.11 / 585.90	18
EXXONMOBIL OIL CORP 99MTS	745 H STREET GW MONITORING WELLS CHULA VISTA CA 91910 ***EPA Handler ID**: CAR000208108*	ESE	0.12 / 615.79	23
H STREET TRANSIT STATION	745 H ST CHULA VISTA CA 91910 ***EPA Handler ID**: CAR000187492*	ESE	0.12 / 615.79	23
PRUDENTIAL OVERALL SUPPLY	7 40 F ST CHULA VISTA CA 91910 ***EPA Handler ID**: CAD981983265*	NNE	0.12 / 629.75	25
PRUDENTIAL OVERALL SUPPLY	740 F STREET CHULA VISTA CA 91910 ***EPA Handler ID**: CAD028015410*	NNE	0.12 / 629.75	25

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BECKS ALIGNMENT	736 F ST CHULA VISTA CA 91910 ***EPA Handler ID**: CAD981988470*	NNE	0.17 / 902.56	36
CHULA VISTA CITY OF PW OPS	707 F STREET CHULA VISTA CA 91910 ***EPA Handler ID**: CAD981435852*	N	0.23 / 1,216.83	44

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Nov 7, 2022 has found that there are 38 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PSIP WOHL BAY BOULEVARD LLC	795 H ST CHULA VISTA CA 91910 ***EPA Handler ID**: CAL000462061*	SE	0.10 / 521.71	13
BRIZEIRA OJEDA	410 COLORADO AVE UNIT D CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003101605*	ENE	0.10 / 540.75	14
TASHA GRIFFIN	410 COLORADO AVE UNIT B CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003108757*	ENE	0.10 / 540.75	14
PALAFOX, FAUSTO	436 COLORADO AVE UNIT C CHULA VISTA CA 91910-4026 ***EPA Handler ID**: CAC003100190*	E	0.11 / 560.72	15
MC INVESTMENT PARTNERS, LLC	423 COLORADO AVE D CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003069299*	ENE	0.11 / 564.92	16
GOODRICH AEROSTRUCTURES, CHULA VISTA	850 LAGOON DRIVE CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003056223*	WNW	0.11 / 585.90	18
RYAN ABIDES	443 COLORADO AVE UNIT C CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003033005*	E	0.11 / 588.34	19
SWEETWATER AUTHORITY	744 F STREET CHULA VISTA CA 91910-0000 ***EPA Handler ID**: CAL000004840*	NNE	0.11 / 591.47	20
ARCELIA GONZALEZ	455 COLORADO AVE UNIT D CHULA VISTA CA 91910 ***EPA Handler ID**: CAC003075750*	E	0.11 / 602.46	22
THE NAJAR FAMILY TRUST	455 COLORADO AVE, UNIT D CHULA VISTA CA 91910	E	0.11 / 602.46	22

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAC003076413*			
MC INVESTMENT PARTNERS, LLC	467 COLORADO AVE CHULA VISTA CA 91910	ESE	0.12 / 618.46	24
	***EPA Handler ID**: CAC003062531*			
DASHAWN PALMER	724 G ST CHULA VISTA CA 91910	ENE	0.12 / 634.08	26
	***EPA Handler ID**: CAC003060947*			
RON MARTIN	456 WOODAWN AVE UNIT D CHULA VISTA CA 91910	E	0.15 / 781.24	31
	***EPA Handler ID**: CAC003019955*			
GS & SS PETROLIUM INC	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
	***EPA Handler ID**: CAL000267011*			
TESORO 97610-1914	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
	***EPA Handler ID**: CAL000410683*			
WILLIAM KEMERY	415 WOODLAWN AVE UNIT D CHULA VISTA CA 91910	ENE	0.15 / 815.88	33
	***EPA Handler ID**: CAC003049111*			
MARGARET & JOE LAMADRID	435 WOODLAWN AVE UNIT D CHULA VISTA CA 91910	E	0.16 / 835.63	34
	***EPA Handler ID**: CAC003131296*			
BECKA AUTOMOTIVE, INC.	736 F ST CHULA VISTA CA 91910-2006	NNE	0.17 / 902.56	36
	***EPA Handler ID**: CAL000306106*			
691 G ST.	691 G ST CHULA VISTA CA 91910	ENE	0.19 / 976.93	38
	***EPA Handler ID**: CAC002995475*			
CHEVRON 96056	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	40
	***EPA Handler ID**: CAD982487035*			
WOODLAWN GARDENS APTS.	535 WOODLAWN AVE #2 & 6 CHULA VISTA CA 91910-5136	ESE	0.22 / 1,141.28	42
	***EPA Handler ID**: CAC003066759*			
WOODLAWN GARDENS APTS.	535 WOODLAWN AVE. CHULA VISTA CA 91910	ESE	0.22 / 1,141.28	42
	***EPA Handler ID**: CAC003084351*			
WOODLAWN GARDENS APTS.	535 WOODLAWN AVE. #4 CHULA VISTA CA 91910	ESE	0.22 / 1,141.28	42

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAC003080885*			
WOODLAWN GARDENS APTS.	535 WOODLAWN AVE. #3 CHULA VISTA CA 91910	ESE	0.22 / 1,141.28	42
	***EPA Handler ID**: CAC003118298*			
CHULA VISTA CITY OF	707 "F" ST CHULA VISTA CA 91910	N	0.23 / 1,216.83	44
	***EPA Handler ID**: CAD981371461*			
CITY OF CHULA VISTA	707 F STREET CHULA VISTA CA 91910	N	0.23 / 1,216.83	44
	***EPA Handler ID**: CAC003070628*			
BLUE PACIFIC ENGINEERING & CONSTRUCTION	707 F ST CHULA VISTA CA 91910	N	0.23 / 1,216.83	44
	***EPA Handler ID**: CAL000466398*			
VISTAN APTS.	460 OAKLAWN AVENUE #G CHULA VISTA CA 91910	E	0.23 / 1,229.32	45
	***EPA Handler ID**: CAC002986948*			
WOODLAWN GARDENS APTS.	545 WOODLAWN AVE. #30 CHULA VISTA CA 91910	ESE	0.24 / 1,250.01	47
	***EPA Handler ID**: CAC003163372*			
DAVID BECK	430 OAKLAWN AVE UNIT E CHULA VISTA CA 91910	E	0.24 / 1,271.58	51
	***EPA Handler ID**: CAC003112317*			
VISTAN APARTMENTS	430 OAKLAWN AVE UNIT B CHULA VISTA CA 91910	E	0.24 / 1,271.58	51
	***EPA Handler ID**: CAC003185129*			
VISTAN APARTMENTS - ESSEL MANAGEMENT	417 OAKLAWN AVENUE UNIT C CHULA VISTA CA 91910	ENE	0.24 / 1,279.54	53
	***EPA Handler ID**: CAC003173668*			
VISTAN APARTMENTS - ESSEL MANAGEMENT	425 OAKLAWN AVENUE UNIT C CHULA VISTA CA 92101	ENE	0.24 / 1,283.94	55
	***EPA Handler ID**: CAC003173669*			
ESSEL MANAGER INC	448 OAKLAWN AVENUE UNIT G CHULA VISTA CA 91910	E	0.25 / 1,294.22	60
	***EPA Handler ID**: CAC003166433*			
VISTAN APARTMENTS	437 OAKLAWN AVE UNIT A CHULA VISTA CA 91910	E	0.25 / 1,298.80	61
	***EPA Handler ID**: CAC003124814*			
ESSEL MANAGER INC	401 OAKLAWN AVENUE UNIT K CHULA VISTA CA 91910	E	0.25 / 1,301.42	62

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAC003166448*			
VISTAN APARTMENTS - ESSEL MANAGEMENT	462 OAKLAWN AVENUE UNIT M CHULA VISTA CA 91910	E	0.25 / 1,312.19	**63**
	***EPA Handler ID**: CAC003173895*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PARTY CITY CORP DBA HALLOWEEN CITY #8339	865 H STREET CHULA VISTA CA 91910	SSE	0.01 / 31.69	**4**
	***EPA Handler ID**: CAC002979701*			

State

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Oct 17, 2022 has found that there are 10 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF CHULA VISTA	350-360 BAY BOULEVARD CHULA VISTA CA 91910	NNW	0.01 / 46.70	**6**
	***Estor/EPA ID**	**Cleanup Status**: 37000027	REFER: 1248 LOCAL AGENCY AS OF 1/31/2001*		
RADOS	798 LAGOON DR. (FORMER "F" STREET) CHULA VISTA CA 91910	NNW	0.08 / 410.96	**11**
	***Estor/EPA ID**	**Cleanup Status**: 37000014	REFER: 1248 LOCAL AGENCY AS OF 5/10/2004*		
SAN DIEGO SHIP BUILDING	980 F STREET CHULA VISTA CA 92101	N	0.13 / 706.00	**30**
	***Estor/EPA ID**	**Cleanup Status**: 37370125	REFER: OTHER AGENCY AS OF 11/2/1998*		
WOODLAWN COLONIAL APARTMENTS	245-255 WOODLAWN AVENUE CHULA VISTA CA 91910	N	0.31 / 1,654.96	**75**
	***Estor/EPA ID**	**Cleanup Status**: 60001253	NO FURTHER ACTION AS OF 6/30/2014*		
E STREET PLAZA SHOPPING CENTER	640-692 E STREET CHULA VISTA CA 91910	NNE	0.42 / 2,226.04	**97**
	***Estor/EPA ID**	**Cleanup Status**: 60001334	ACTIVE AS OF 9/21/2009*		
CHULA VISTA LEARNING COMMUNITY CHARTER	821/824 BROADWAY/562 NORTH K STREET CHULA VISTA CA 91911	SE	0.90 / 4,731.77	**107**
	***Estor/EPA ID**	**Cleanup Status**: 37880001	NO FURTHER ACTION AS OF 3/29/2001*		

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR AIRCRAFT	FOOT OF H STREET CHULA VISTA CA 92010	SSW	0.01 / 72.12	**7**
	***Estor/EPA ID**	**Cleanup Status**: 37370020	REFER: OTHER AGENCY AS OF 8/21/1995*		

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR AIRCRAFT CORP	CHULA VISTA CA	SSE	0.28 / 1,484.47	68
	***Estor/EPA ID** | **Cleanup Status**: 80000939 | INACTIVE - NEEDS EVALUATION AS OF 7/1/2005*			
UOP FLUID SYSTEMS	965 F STREET CHULA VISTA CA 92010	WNW	0.40 / 2,093.20	94
	***Estor/EPA ID** | **Cleanup Status**: 37760082 | REFER: LOCAL AGENCY AS OF 1/11/2011*			
SWEET WATER MARSH - GUNPOWDER POINT/PARADISE MARSH BURNASH PROPERTY	1000 FEET NORTH OF E STREET CHULA VISTA CA 91910	NNW	0.96 / 5,051.01	108
	***Estor/EPA ID** | **Cleanup Status**: 60001980 | NO FURTHER ACTION AS OF 6/3/2019*			

SWF/LF - Solid Waste Information System (SWIS)

A search of the SWF/LF database, dated Nov 7, 2022 has found that there are 1 SWF/LF site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
F & G Street Marsh	Lagoon Dr. & Marina Parkway Chula Vista CA 91911	WNW	0.29 / 1,512.31	70
	***Act Opl Status** | **Activity**: Closed | Solid Waste Disposal Site*			

WMUD - Waste Management Unit Database

A search of the WMUD database, dated Jan 1, 2000 has found that there are 1 WMUD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHULA VISTA,CITY OF, PUB WORKS	707 F ST CHULA VISTA CA 91910	N	0.23 / 1,216.83	44

C&D DEBRIS RECY - Construction and Demolition Debris Recyclers

A search of the C&D DEBRIS RECY database, dated Jun 20, 2018 has found that there are 1 C&D DEBRIS RECY site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PEP BOYS #651	454 BROADWAY CHULA VISTA CA 91910	E	0.43 / 2,275.12	98

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Nov 16, 2022 has found that there are 20 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS - SALT	BATH C70 850 Lagoon Drive CHULA VISTA CA 91910-2098	WNW	0.11 / 585.90	18

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Global ID* | *Status Date* | *Status: *T0607301766 | 5/8/2019 | Completed - Case Closed*			
ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
	Global ID* | *Status Date* | *Status: *T0607302732 | 8/2/2002 | COMPLETED - CASE CLOSED*			
ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
	Global ID* | *Status Date* | *Status: *T0607301464 | 6/12/1998 | COMPLETED - CASE CLOSED*			
ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
	Global ID* | *Status Date* | *Status: *T0607300932 | 1/23/1992 | COMPLETED - CASE CLOSED*			
FORMER EXXONMOBIL / MTS STATION	745 H ST CHULA VISTA CA 91910	ESE	0.12 / 615.79	23
	Global ID* | *Status Date* | *Status: *T0607310406 | 5/4/2021 | OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION*			
PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 919102006	NNE	0.12 / 629.75	25
	Global ID* | *Status Date* | *Status: *T0607301090 | 5/5/2017 | COMPLETED - CASE CLOSED*			
PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 92010	NNE	0.12 / 629.75	25
	Global ID* | *Status Date* | *Status: *T0607302719 | 2/18/1988 | COMPLETED - CASE CLOSED*			
ARCO AM/PM MINI MARKET #1914	720 H ST CHULA VISTA CA 919104004	ESE	0.15 / 804.52	32
	Global ID* | *Status Date* | *Status: *T0607301869 | 4/7/2020 | COMPLETED - CASE CLOSED*			
CHEVRON #9-6056	695 H ST CHULA VISTA CA 919104222	ESE	0.19 / 1,000.61	40
	Global ID* | *Status Date* | *Status: *T0607301886 | 9/18/2007 | COMPLETED - CASE CLOSED*			
CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA 919102005	N	0.23 / 1,216.83	44
	Global ID* | *Status Date* | *Status: *T0607399063 | 7/12/2017 | COMPLETED - CASE CLOSED*			
CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA 919102005	N	0.23 / 1,216.83	44
	Global ID* | *Status Date* | *Status: *T0607302137 | 3/29/1999 | COMPLETED - CASE CLOSED*			
CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA 919102005	N	0.23 / 1,216.83	44
	Global ID* | *Status Date* | *Status: *T06019774117 | 7/7/2008 | COMPLETED - CASE CLOSED*			
WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 919104222	ESE	0.24 / 1,277.47	52
	Global ID* | *Status Date* | *Status: *T0607301884 | 6/21/2017 | COMPLETED - CASE CLOSED*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WORLD OIL #46	685 H ST CHULA VISTA CA 919104222	ESE	0.24 / 1,277.47	52
	***Global ID** | **Status Date** | **Status**: T0607302686 | 4/25/2000 | COMPLETED - CASE CLOSED*			
THRIFTY OIL COMPANY #080	666 H ST CHULA VISTA CA 919104220	ESE	0.27 / 1,451.27	67
	***Global ID** | **Status Date** | **Status**: T0607302991 | 1/27/2017 | COMPLETED - CASE CLOSED*			
HIRAM'S MOBIL (#10754)	765 E ST CHULA VISTA CA 919102003	N	0.39 / 2,052.86	92
	***Global ID** | **Status Date** | **Status**: T0607303064 | 2/8/1991 | COMPLETED - CASE CLOSED*			
OPTIMA CAR WASH	498 BROADWAY CHULA VISTA CA 91910	E	0.41 / 2,181.57	96
	***Global ID** | **Status Date** | **Status**: T0607302590 | 3/1/2022 | OPEN - SITE ASSESSMENT*			
BIG O TIRES #629	399 BROADWAY CHULA VISTA CA 919103523	ENE	0.45 / 2,365.18	101
	***Global ID** | **Status Date** | **Status**: T0607303207 | 9/12/1988 | COMPLETED - CASE CLOSED*			
TUNE CRAFT #11	355 BROADWAY CHULA VISTA CA 919103501	ENE	0.47 / 2,455.33	105
	***Global ID** | **Status Date** | **Status**: T0607391332 | 1/8/2008 | COMPLETED - CASE CLOSED*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
FLUID SYSTEMS	965 F ST CHULA VISTA CA 92010	WNW	0.39 / 2,056.32	93
	***Global ID** | **Status Date** | **Status**: T0607300888 | 10/6/1995 | COMPLETED - CASE CLOSED*			

UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Oct 14, 2022 has found that there are 4 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INC., A COLLINS AEROSPACE COMPANY	850 Lagoon Dr Chula Vista CA 91910	WNW	0.11 / 585.90	18
	***Facility ID**: 37-000-102457*			
SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910	NNE	0.11 / 591.47	20
	***Facility ID**: 37-000-120099* ***Tank ID No.** | **Tank Status** | **Tank Closure Date**: 24773 | Confirmed/Updated Information |*			
H STREET ARCO	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
	***Facility ID**: 37-000-215933* ***Tank ID No.** | **Tank Status** | **Tank Closure Date**: 24787 | Confirmed/Updated Information | , 24788 | Confirmed/Updated Information |*			
WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key

***Facility ID**: 37-000-103739*
***Tank ID No. | Tank Status | Tank Closure Date**: 17791 | Renewal Permit | , 17794 | Renewal Permit | , 17793 | Renewal Permit | , 17792 | Renewal Permit |*

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 12 HHSS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
LAWLESS	390 BAY BLVD. CHULA VISTA CA 92010	NNW	0.00 / 0.00	1
ROHR TIES STEAM PLANT	ROHR CORPORATION FOOT OF "H" ST CHULA VISTA CA 92012	NW	0.08 / 441.55	12
ROHR INDUSTRIES INC	FOOT OF H STREET I-5 CHULA VISTA CA 92012	NW	0.08 / 441.55	12
ROHR TIES	ROHR INDUSTRIES-H STREET I-5 CHULA VISTA CA 92218	NW	0.08 / 441.55	12
SWEETWATER AUTHORITY	744 F STREET CHULA VISTA CA 92010	NNE	0.11 / 591.47	20
PRUDENTIAL OVERALL SUPPLY	740 F STREET CHULA VISTA CA 92010	NNE	0.12 / 629.75	25
RALPH E EMARINE	720 H ST CHULA VISTA CA 92010	ESE	0.15 / 804.52	32
RALPH E EMARINE DBA AM/PM MIN	720 H STREET INTERSTATE #5 CHULA VISTA CA 92010	ESE	0.15 / 804.52	32
96056	695 H ST CHULA VISTA CA 92010	ESE	0.19 / 1,000.61	40
PUBLIC WORKS/EQUIP MAINTENANCE	707 F STREET CHULA VISTA CA 92010	N	0.23 / 1,216.83	44
WORLD OIL MARKETING CO 46	685 H STREET OAKLAND CHULA VISTA CA 92010	ESE	0.24 / 1,277.47	52

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR TIES ROHR INDUSTRIES	FOOT OF H STREET, ADJACENT TO I-5 CHULA VISTA CA 92011	SSW	0.01 / 72.12	7

UST SWEEPS - Statewide Environmental Evaluation and Planning System

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 12 UST SWEEPS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA	NNE	0.11 / 591.47	20
	***C C	Status**: I37-000-20099	INACTIVE* ***Tank ID**: 000003, 000004*		
SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA	NNE	0.11 / 591.47	20
	***C C	Status**: A37-000-20099	ACTIVE* ***Tank ID**: 000001, 000002*		
PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA	NNE	0.12 / 629.75	25
	***C C	Status**: I37-000-11432	INACTIVE* ***Tank ID**: 000005, 000004, 000001, 000002, 000008, 000003, 000006, 000007*		
PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA	NNE	0.12 / 629.75	25
	***C C	Status**: A37-000-11432	ACTIVE*		
MANNS TEXACO & U-HAUL	730 H ST CHULA VISTA CA	SE	0.12 / 654.06	27
	***C C	Status**: I37-000-12972	INACTIVE* ***Tank ID**: 000001, 000003, 000004, 000005, 000002*		
DONN SWARTZ	720 H ST 1914 CHULA VISTA CA	ESE	0.15 / 804.52	32
	***C C	Status**: A37-000-20106	ACTIVE* ***Tank ID**: 000001, 000002, 000003*		
PAULS CHEVRON SERVICE	695 H ST CHULA VISTA CA	ESE	0.19 / 1,000.61	40
	***C C	Status**: A37-000-13127	ACTIVE* ***Tank ID**: 000001, 000002, 000004, 000003*		
CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA	N	0.23 / 1,216.83	44
	***C C	Status**: I37-000-4568	INACTIVE* ***Tank ID**: 000002, 000003, 000004*		
CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA	N	0.23 / 1,216.83	44

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***C C	Status**: A37-000-4568	ACTIVE* ***Tank ID**: 000005, 000006, 000001*			
WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA	ESE	0.24 / 1,277.47	52
	***C C	Status**: A37-000-3739	ACTIVE* ***Tank ID**: 000004, 000005, 000003, 000001, 000002*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INDUSTRIES INC	H ST (FOOT OF) CHULA VISTA CA	SSW	0.01 / 72.12	7
	***C C	Status**: I37-000-2457	INACTIVE* ***Tank ID**: 000004, 000011, 000002, 000006, 000001, 000005*			
ROHR INDUSTRIES INC	H ST (FOOT OF) CHULA VISTA CA	SSW	0.01 / 72.12	7
	***C C	Status**: A37-000-2457	ACTIVE* ***Tank ID**: 000015, 000008, 000014, 000003, 000007, 000009, 000012, 000010, 000013*			

AST - Aboveground Storage Tanks

A search of the AST database, dated Aug 31, 2009 has found that there are 2 AST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INC DBA BF GOODRICH	850 LAGOON DR, CHULA VISTA, 91910 CA	WNW	0.11 / 585.90	18
SWEETWATER AUTHORITY	744 F ST, CHULA VISTA, 91910-2006 CA	NNE	0.11 / 591.47	20

AST SWRCB - SWRCB Historical Aboveground Storage Tanks

A search of the AST SWRCB database, dated Dec 1, 2007 has found that there are 1 AST SWRCB site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BFGOODRICH AEROSPACE	850 LAGOON DR. CHULA VISTA CA 91910	WNW	0.11 / 585.90	18

DELISTED TNK - Delisted Storage Tanks

A search of the DELISTED TNK database, dated Jan 9, 2023 has found that there are 6 DELISTED TNK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910	NNE	0.11 / 591.47	20

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ARCO AM/PM MINI MARKET #1914	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
H STREET ARCO	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
CHEVRON #9-6056	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	40
WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52
WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Oct 7, 2022 has found that there are 4 CERS TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INC., A COLLINS AEROSPACE COMPANY	850 LAGOON DR CHULA VISTA CA 91910 ***Site ID**: 400868*	WNW	0.11 / 585.90	18
SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910 ***Site ID**: 158667*	NNE	0.11 / 591.47	20
"H" STREET ARCO	720 H ST CHULA VISTA CA 91910 ***Site ID**: 61*	ESE	0.15 / 804.52	32
WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910 ***Site ID**: 172366*	ESE	0.24 / 1,277.47	52

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 13 HIST TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
LAWLESS	390 BAY BLVD. CHULA VISTA CA	NNW	0.00 / 0.00	1

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR TIES STEAM PLANT	ROHR CORPORATION CHULA VISTA CA	NW	0.08 / 441.55	12
ROHR TIES	ROHR INDUSTRIES-"H" STREET CHULA VISTA CA	NW	0.08 / 441.55	12
SWEETWATER AUTHORITY	744 "F" STREET CHULA VISTA CA	NNE	0.11 / 591.47	20
PRUDENTIAL OVERALL SUPPLY	740 "F" STREET CHULA VISTA CA	NNE	0.12 / 629.75	25
WALLACE MANN TEXACO	730 "H" STREET " CA	SE	0.12 / 654.06	27
RALPH E EMARINE	720 H ST CHULA VISTA CA	ESE	0.15 / 804.52	32
RALPH E. EMARINE DBA AM/PM MIN	720 "H" STREET CHULA VISTA CA	ESE	0.15 / 804.52	32
96056	695 H ST CHULA VISTA CA	ESE	0.19 / 1,000.61	40
PUBLIC WORKS/EQUIP. MAINTENANC	707 F STREET CHULA VISTA CA	N	0.23 / 1,216.83	44
WORLD OIL MARKETING CO. #46	685 "H" STREET CHULA VISTA CA	ESE	0.24 / 1,277.47	52

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR TIES ROHR INDUSTRIES	FOOT OF H STREET, ADJACENT TO CHULA VISTA CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES, INC.	FOOT OF H STREET CHULA VISTA CA	SSW	0.01 / 72.12	7

CALSITES - CALSITES Database

A search of the CALSITES database, dated May 1, 2004 has found that there are 2 CALSITES site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR AIRCRAFT	FOOT OF H STREET CHULA VISTA CA 92010	SSW	0.01 / 72.12	7
UOP FLUID SYSTEMS	965 F STREET CHULA VISTA CA 92010	WNW	0.39 / 2,056.32	93

DEED - Deed Restrictions and Land Use Restrictions

A search of the DEED database, dated Nov 16, 2022 has found that there are 1 DEED site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - CVBD - Pacifica Exchange Parcels	(H-13, H-14, H-15, HP-5) Marina Parkway Chula Vista CA 91910	S	0.45 / 2,367.91	102

VCP - Voluntary Cleanup Program

A search of the VCP database, dated Oct 17, 2022 has found that there are 1 VCP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WOODLAWN COLONIAL APARTMENTS	245-255 WOODLAWN AVENUE CHULA VISTA CA 91910	N	0.31 / 1,654.96	75
	Estor/EPA ID* | *Cleanup Status: *60001253 | NO FURTHER ACTION AS OF 6/30/2014*			

CLEANUP SITES - GeoTracker Cleanup Program Sites

A search of the CLEANUP SITES database, dated Nov 16, 2022 has found that there are 32 CLEANUP SITES site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMERLY THERMO KING	340 BAY BL CHULA VISTA CA 91910	NNW	0.02 / 91.73	8
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
RADOS, CHULA VISTA CITY, REDEVELOP.	798 F ST CHULA VISTA CA 91910	NNW	0.08 / 410.96	11
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
RADOS, CHULA VISTA CITY, REDEVELOP.	798 F ST CHULA VISTA CA 91910	NNW	0.08 / 410.96	11
	Status* | *Site Facility Type: *COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - SOUTH CAMPUS	850 LAGOON DRIVE CHULA VISTA CA 91910-2098	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: Open - Remediation | Cleanup Program Site*			
GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: Completed - Case Closed | Cleanup Program Site*			
ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
GOODRICH AEROSTRUCTURES	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: Completed - Case Closed | Cleanup Program Site*			
GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC	850 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: Completed - Case Closed | Cleanup Program Site*			
GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS	850 LAGOON DRIVE CHULA VISTA CA 91910-2098	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: Open - Assessment & Interim Remedial Action | Cleanup Program Site*			
GOODRICH AEROSTRUCTURES / ROHR - Goodrich Aerostructures - North Campus -	Eastern Parcel A 850 Lagoon Drive Chula Vista CA 91910-2098	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: Open - Site Assessment | Cleanup Program Site*			
GOODRICH AEROSTRUCTURES / ROHR	850 LAGOON DRIVE CHULA VISTA CA	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: COMPLEX SITE CLEANUP PROGRAM FACILITY*			
GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS - TANK	34, BLDG 1 850 Lagoon Drive CHULA VISTA CA 91910-2098	WNW	0.11 / 585.90	18
	***Status | Site Facility Type**: Completed - Case Closed | Cleanup Program Site*			
SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 919102006	NNE	0.11 / 591.47	20
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MTDB	745 H ST CHULA VISTA CA 91910	ESE	0.12 / 615.79	23
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
FORMER CHEVRON	695 H STREET CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	40
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
CHULA VISTA CITY PUBLIC WORKS	707 F STREET CHULA VISTA CA 91910	N	0.23 / 1,216.83	44
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
CHULA VISTA CITY PUBLIC WORKS	707 F ST CHULA VISTA CA 919102005	N	0.23 / 1,216.83	44
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - Chula Vista Bayfront Master Plan	Development - Sweetwater Parcels 215 Bay Boulevard Chula Vista CA 91910	NNW	0.35 / 1,824.73	83
	***Status | Site Facility Type**: Completed - Case Closed | Cleanup Program Site*			
U S FISH AND WILDLIFE SERVICE	NONE E ST(FOOT OF) CHULA VISTA CA 91910	NNW	0.36 / 1,899.43	84
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
CHULA VISTA GENERAL PLAN SITE 1-A	789 E STREET CHULA VISTA CA 91910	NNW	0.38 / 1,995.92	86
	***Status | Site Facility Type**: OPEN - SITE ASSESSMENT | CLEANUP PROGRAM SITE*			
OPTIMA CAR WASH	498 BROADWAY CHULA VISTA CA 91910	E	0.41 / 2,181.57	96
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
OPTIMA CAR WASH	498 BROADWAY CHULA VISTA CA 91910	E	0.41 / 2,181.57	96
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
ELDORADO CLEANERS & LAUNDRY	648 E ST CHULA VISTA CA 919102113	NNE	0.46 / 2,415.39	104
	***Status | Site Facility Type**: OPEN - REMEDIATION | CLEANUP PROGRAM SITE*			
260 BROADWAY	260 BROADWAY CHULA VISTA CA 91910	NE	0.49 / 2,571.19	106
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BAY BLVD PROJECTS	NONE BAY BL CHULA VISTA CA 91911	SSE	0.00 / 0.00	3
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - Chula Vista Bayfront Development	San Diego Bayfront Chula Vista CA 91910	WSW	0.24 / 1,265.99	50
	***Status | Site Facility Type**: Open - Assessment & Interim Remedial Action | Cleanup Program Site*			
SEDIMENT OFF FORMER SHANGRILA SITE	980 LAGOON DRIVE CHULA VISTA CA 91910	WNW	0.38 / 2,011.60	87
	***Status | Site Facility Type**: OPEN - INACTIVE | CLEANUP PROGRAM SITE*			
FORMER SHANGRILA SITE	980 LAGOON DR CHULA VISTA CA 91910	WNW	0.38 / 2,011.60	87
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
VACANT PROPERTY OWNED BY THE SD UNIFIED PORT DISTRICT (PLAT NO. 032-008)	MARINA PARKWAY CHULA VISTA CA 91910	S	0.41 / 2,166.67	95
	***Status | Site Facility Type**: COMPLETED - CASE CLOSED | CLEANUP PROGRAM SITE*			
THE MARINE GROUP, LLC	997 G STREET CHULA VISTA CA 91910	W	0.44 / 2,316.95	100
	***Status | Site Facility Type**: OPEN - INACTIVE | CLEANUP PROGRAM SITE*			
CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - CVBD - Pacifica Exchange Parcels	(H-13, H-14, H-15, HP-5) Marina Parkway Chula Vista CA 91910	S	0.45 / 2,367.91	102
	***Status | Site Facility Type**: Open - Remediation | Cleanup Program Site*			

DELISTED CLEANUP - Delisted Cleanup Program Sites

A search of the DELISTED CLEANUP database, dated Nov 16, 2022 has found that there are 1 DELISTED CLEANUP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BAY BLVD. AND F STREET	BAY BLVD. AND F STREET Chula Vista CA 91910	NNW	0.13 / 666.55	28

County

SWF SANDIEGO - San Diego County - Solid Waste Facility List

A search of the SWF SANDIEGO database, dated Dec 7, 2021 has found that there are 1 SWF SANDIEGO site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
F & G Street Marsh	LAGOON @ MARINA PARKWAY CHULA VISTA CA	WNW	0.29 / 1,512.31	70

LOP SANDIEGO - San Diego County - Local Oversight Program List

A search of the LOP SANDIEGO database, dated Jun 15, 2020 has found that there are 25 LOP SANDIEGO site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MTDB	745 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	ESE	0.12 / 615.79	23
	Record ID* | *Record Status: *DEH2003-LSAM-H39642-001* | *Completed*			
PRUDENTIAL OVERALL SUPPLY	740 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	NNE	0.12 / 629.75	25
	Record ID* | *Record Status: *DEH1986-LSAM-H11432-002* | *Completed*			
PRUDENTIAL OVERALL SUPPLY	740 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	NNE	0.12 / 629.75	25
	Record ID* | *Record Status: *DEH1986-LSAM-H11432-001* | *Completed*			
ARCO AM/PM MINI MARKET #1914	720 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	ESE	0.15 / 804.52	32
	Record ID* | *Record Status: *DEH1995-LSAM-H20106-001* | *Completed*			
CHEVRON #9-6056	695 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	ESE	0.19 / 1,000.61	40
	Record ID* | *Record Status: *DEH1995-LSAM-H13127-001* | *Completed*			
CHULA VISTA CITY PUBLIC WORKS	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	N	0.23 / 1,216.83	44
	Record ID* | *Record Status: *DEH1994-LSAM-H04568-002* | *Completed*			
CHULA VISTA CITY PUBLIC WORKS	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	N	0.23 / 1,216.83	44
	Record ID* | *Record Status: *DEH2004-LSAM-H04568-005* | *Completed*			
CHULA VISTA CITY PUBLIC WORKS	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	N	0.23 / 1,216.83	44
	Record ID* | *Record Status: *DEH1999-LSAM-H04568-003* | *Completed*			
WORLD OIL MARKETING CO. #46	685 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	ESE	0.24 / 1,277.47	52
	Record ID* | *Record Status: *DEH1999-LSAM-H03739-002* | *Completed*			
WORLD OIL MARKETING CO. #46	685 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	ESE	0.24 / 1,277.47	52
	Record ID* | *Record Status: *DEH1995-LSAM-H03739-001* | *Completed*			
THRIFTY OIL STN #080	666 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	ESE	0.27 / 1,451.27	67
	Record ID* | *Record Status: *DEH1987-LSAM-H20174-001* | *Completed*			
HIRAM'S MOBIL (#10754)	765 E ST, CHULA VISTA, CA 91910 CHULA VISTA CA	N	0.39 / 2,052.86	92
	Record ID* | *Record Status: *DEH1987-LSAM-H05429-001* | *Completed*			
OPTIMA CAR WASH	498 BROADWAY, CHULA VISTA, CA 91910 CHULA VISTA CA	E	0.41 / 2,181.57	96
	Record ID* | *Record Status: *DEH1986-LSAM-H05368-001* | *Completed*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPTIMA CAR WASH	498 BROADWAY, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1991-LSAM-H05368-002 | Completed*	E	0.41 / 2,181.57	96
OPTIMA CAR WASH	498 BROADWAY, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1998-LSAM-H05368-003 | Completed*	E	0.41 / 2,181.57	96
BIG O TIRES #629	399 BROADWAY, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1988-LSAM-H28017-001 | Completed*	ENE	0.45 / 2,365.18	101
ELDORADO CLEANERS & LAUNDRY	648 E ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1996-LSAM-H02684-001 | Completed*	NNE	0.46 / 2,415.39	104

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INDUSTRIES INC	0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1993-LSAM-H02457-008 | Completed*	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH2007-LSAM-H02457-014 | Completed*	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 NO ADDRESS CA ***Record ID | Record Status**: DEH1992-LSAM-H02457-005 | Completed*	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1992-LSAM-H02457-007 | Completed*	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1987-LSAM-H02457-002 | Completed*	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 NO ADDRESS CA ***Record ID | Record Status**: DEH1987-LSAM-H02457-003 | Completed*	SSW	0.01 / 72.12	7
FLUID SYSTEMS	965 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1991-LSAM-H32432-003 | Completed*	WNW	0.39 / 2,056.32	93
FLUID SYSTEMS	965 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA ***Record ID | Record Status**: DEH1991-LSAM-H32432-001 | Completed*	WNW	0.39 / 2,056.32	93

HAZ SANDIEGO - San Diego County - Hazardous Materials Management Division Database

A search of the HAZ SANDIEGO database, dated May 1, 2022 has found that there are 21 HAZ SANDIEGO site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INC	390 BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	NNW	0.00 / 0.00	1
BAY BLVD PROJECTS	350 BAY BLVD, CHULA VISTA, CA 91911 CHULA VISTA CA 91911	NNW	0.01 / 46.70	6
JACKSONS IMPORT AUTO WRECKING	350 W BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	NNW	0.01 / 46.70	6
FORMERLY THERMO KING	340 BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	NNW	0.02 / 91.73	8
ROHR INC., A COLLINS AEROSPACE COMPANY	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
AT&T MOBILITY - GOOD NITE INN	744 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	NNE	0.11 / 591.47	20
AT&T Mobility - HWY 5 AND F (USID46284)	744 F ST CHULA VISTA CA 91910-2006	NNE	0.11 / 591.47	20
SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910	NNE	0.11 / 591.47	20
ExxonMobil Oil Corp 99MTS (GW Monitoring Wells)	745 H ST Chula Vista CA 91910	ESE	0.12 / 615.79	23
PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 91910	NNE	0.12 / 629.75	25
MANNS TEXACO & U-HAUL	730 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	SE	0.12 / 654.06	27
"H" STREET ARCO	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ARCO FACILITY NO. 1914	720 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
BECKA AUTOMOTIVE INC.	736 F ST CHULA VISTA CA 91910	NNE	0.17 / 902.56	36
CHEVRON #9-6056	695 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	40
7-ELEVEN STORE #13576	698 H ST, CHULA VISTA, CA 91910-4219 CHULA VISTA CA 91910-4219	ESE	0.22 / 1,159.50	43
CHULA VISTA CITY PUBLIC WORKS	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	N	0.23 / 1,216.83	44
COMMUNITY TRANSIT SERVICE	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	N	0.23 / 1,216.83	44
PENSKE TRUCK LEASING	707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	N	0.23 / 1,216.83	44
WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SDG&E - MONTGOMERY SUBSTATION	G ST, 0.3 MILES W/OF BAY BL CHULA VISTA CA 91910	W	0.04 / 195.79	9

UST SANDIEGO - San Diego County - UST List

A search of the UST SANDIEGO database, dated Jan 17, 2023 has found that there are 4 UST SANDIEGO site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SWEETWATER AUTHORITY	744 F ST CHULA VISTA CA 91910	NNE	0.11 / 591.47	20
	***Record ID | Permit Status**: DEH2002-HUPFP-120099 | Permit Renewed*			
PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 91910	NNE	0.12 / 629.75	25
	***Record ID | Permit Status**: DEH2002-HUPFP-111432 | Permit Renewed*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
"H" STREET ARCO	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
	Record ID* | *Permit Status: *DEH2012-HUPFP-215933 | Permit Renewed*			
WORLD OIL MARKETING CO. #46	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52
	Record ID* | *Permit Status: *DEH2002-HUPFP-103739 | Permit Renewed*			

SAM SANDIEGO - San Diego County - Site Assessment and Mitigation Investigation Sites

A search of the SAM SANDIEGO database, dated Dec 13, 2022 has found that there are 44 SAM SANDIEGO site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMERLY THERMO KING	340 BAY BLVD Chula Vista CA	NNW	0.02 / 91.73	8
RADOS, CHULA VISTA CITY, REDEVELOP.	798 F ST Chula Vista CA	NNW	0.08 / 410.96	11
RADOS, CHULA VISTA CITY, REDEVELOP.	798 F ST Chula Vista CA	NNW	0.08 / 410.96	11
SWEETWATER AUTHORITY	744 F ST Chula Vista CA	NNE	0.11 / 591.47	20
MTDB	745 H ST Chula Vista CA	ESE	0.12 / 615.79	23
MTDB	745 H ST Chula Vista CA	ESE	0.12 / 615.79	23
PRUDENTIAL OVERALL SUPPLY	740 F ST Chula Vista CA	NNE	0.12 / 629.75	25
PRUDENTIAL OVERALL SUPPLY	740 F ST Chula Vista CA	NNE	0.12 / 629.75	25
ARCO AM/PM MINI MARKET #1914	720 H ST Chula Vista CA	ESE	0.15 / 804.52	32
CHEVRON #9-6056	695 H ST Chula Vista CA	ESE	0.19 / 1,000.61	40

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHEVRON #9-6056	695 H ST Chula Vista CA	ESE	0.19 / 1,000.61	40
CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	44
CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	44
CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	44
CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	44
CHULA VISTA CITY PUBLIC WORKS	707 F ST Chula Vista CA	N	0.23 / 1,216.83	44
WORLD OIL MARKETING CO. #46	685 H ST Chula Vista CA	ESE	0.24 / 1,277.47	52
WORLD OIL MARKETING CO. #46	685 H ST Chula Vista CA	ESE	0.24 / 1,277.47	52
THRIFTY OIL STN #080	666 H ST Chula Vista CA	ESE	0.27 / 1,451.27	67
Sweetwater Parcels	215 Bay BLVD Chula Vista CA	NNW	0.35 / 1,824.73	83
HIRAM'S MOBIL (#10754)	765 E ST Chula Vista CA	N	0.39 / 2,052.86	92
OPTIMA CAR WASH	498 BROADWAY Chula Vista CA	E	0.41 / 2,181.57	96
OPTIMA CAR WASH	498 BROADWAY Chula Vista CA	E	0.41 / 2,181.57	96

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
OPTIMA CAR WASH	498 BROADWAY Chula Vista CA	E	0.41 / 2,181.57	96
BIG O TIRES #629	399 BROADWAY Chula Vista CA	ENE	0.45 / 2,365.18	101
ELDORADO CLEANERS & LAUNDRY	648 E ST Chula Vista CA	NNE	0.46 / 2,415.39	104

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 NO ADDRESS Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 NO ADDRESS Chula Vista CA	SSW	0.01 / 72.12	7
ROHR INDUSTRIES INC	0 H ST Chula Vista CA	SSW	0.01 / 72.12	7
FORMER SHANGRILA SITE	980 LAGOON DR Chula Vista CA	WNW	0.38 / 2,011.60	87
FLUID SYSTEMS	965 F ST Chula Vista CA	WNW	0.39 / 2,056.32	93
FLUID SYSTEMS	965 F ST Chula Vista CA	WNW	0.39 / 2,056.32	93
FLUID SYSTEMS	965 F ST Chula Vista CA	WNW	0.39 / 2,056.32	93

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Nov 2, 2020 has found that there are 4 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
TEXANO AUTO RECYCLING	805 STE 1 A ENERGY WY CHULA VISTA CA 91911 ***Registry ID**: 110070090649*	SSE	0.01 / 41.39	5

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMERLY THERMO KING	340 BAY BL CHULA VISTA CA 91910 ***Registry ID**: 110065497135*	NNW	0.02 / 91.73	8

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PARTY CITY CORP DBA HALLOWEEN CITY #8339	865 H STREET CHULA VISTA CA 91910 ***Registry ID**: 110070435850*	SSE	0.01 / 31.69	4
ROHRNA INC	FOOT OF 'H' ST CHULA VISTA CA 91910 ***Registry ID**: 110065551325*	SSW	0.01 / 72.12	7

PRP - Potentially Responsible Parties List

A search of the PRP database, dated Nov 23, 2022 has found that there are 1 PRP site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INDUSTRIES, INC.	FOOT OF H STREET CHULA VISTA, CA 92012 ***Site EPA ID**: CAT080012826*	SSW	0.01 / 72.12	7

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated Jul 12, 2022 has found that there are 1 FUDS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR AIRCRAFT CORP.	CHULA VISTA CA ***FUDS Property No**: J09CA7263*	SSE	0.28 / 1,484.47	68

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Jan 3, 2023 has found that there are 1 ALT FUELS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Seven Mile Casino - Tesla Destination	285 Bay Blvd Chula Vista CA 91910 ***ID**: 112923*	NNW	0.19 / 994.19	39

PCB - Polychlorinated Biphenyl (PCB) Notifiers

A search of the PCB database, dated Jul 28, 2022 has found that there are 1 PCB site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR, INC. DBA GOODRICH	850 LAGOON DR. CHULA VISTA CA 91910-2098 ***Site ID**: CAD008382053*	WNW	0.11 / 585.90	18

State

PFAS GW - PFOA/PFOS Groundwater

A search of the PFAS GW database, dated Nov 11, 2022 has found that there are 26 PFAS GW site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	CA	S	0.11 / 571.39	17
	CA	SSW	0.17 / 875.90	35
	CA	SSW	0.18 / 952.77	37
	CA	SSW	0.24 / 1,248.71	46
	CA	SSW	0.24 / 1,254.84	49
	CA	SSW	0.24 / 1,280.16	54
	CA	SSW	0.24 / 1,286.77	56
	CA	SW	0.24 / 1,287.73	57
	CA	SW	0.24 / 1,288.87	58
	CA	SW	0.24 / 1,290.27	59

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	CA	S	0.25 / 1,337.72	64
	CA	S	0.25 / 1,344.03	65
	CA	S	0.26 / 1,350.13	66
	CA	SSW	0.29 / 1,510.47	69
	CA	SSW	0.29 / 1,514.00	71
	CA	S	0.29 / 1,547.57	72
	CA	S	0.29 / 1,550.03	73
	CA	S	0.29 / 1,553.14	74
	CA	S	0.32 / 1,675.21	76
	CA	S	0.32 / 1,691.45	77
	CA	SSW	0.34 / 1,799.08	81
	CA	SSW	0.34 / 1,805.47	82
	CA	SSW	0.38 / 2,015.63	89

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	CA	SSW	0.38 / 2,021.83	90
	CA	SSW	0.38 / 2,030.09	91
	CA	S	0.44 / 2,311.19	99

INSP COMP ENF - EnviroStor Inspection, Compliance, and Enforcement

A search of the INSP COMP ENF database, dated Oct 24, 2022 has found that there are 1 INSP COMP ENF site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CAL-GREEN EXPRESS TRANSPORT	692 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,253.95	48

SCH - School Property Evaluation Program Sites

A search of the SCH database, dated Oct 17, 2022 has found that there are 1 SCH site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHULA VISTA LEARNING COMMUNITY CHARTER	821/824 BROADWAY/562 NORTH K STREET CHULA VISTA CA 91911 ***Estor/EPA ID | Cleanup Status**: 37880001 | NO FURTHER ACTION AS OF 3/29/2001*	SE	0.90 / 4,731.77	107

CHMIRS - California Hazardous Material Incident Report System (CHMIRS)

A search of the CHMIRS database, dated Aug 15, 2022 has found that there are 2 CHMIRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
San Diego Dept Env Health	Rohr Corp, 390 Bay Blvd, next to building 5 Chula Vista CA 91910 ***Control No | Notified Date**: 12/7/199809:18:34 AM*	NNW	0.00 / 0.00	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
rohr inc	foot of h street chula vista CA 91912 ***Control No | Notified Date**: 1/13/1993*	SSW	0.01 / 72.12	7

HAZNET - Handlers from Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 8 HAZNET site(s) within approximately 0.02 miles of

the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
VALLEY DETROIT DIESEL	390 BAY BLVD CHULA VISTA CA 920100000	NNW	0.00 / 0.00	1
CITY OF CHULA VISTA - COMM DEV DEPT	388 - 390 BAY BLVD CHULA VISTA CA 919100000	NNW	0.00 / 0.00	1
1X CITY OF CHULA VISTA BAY SITE	350-368 BAY BLVD CHULA VISTA CA 920100000	NNW	0.00 / 0.00	2
1X JACKSON'S IMPORT AUTO PARTS	350 BAY BLVD CHULA VISTA CA 920100000	NNW	0.01 / 46.70	6
THERMO KING	340 BAY CLUB CHULA VISTA CA 920100000	NNW	0.02 / 91.73	8
1X CITY OF CHULA VISTA/ENGNRG DEPT	340 BAY BLVD CHULA VISTA CA 920100000	NNW	0.02 / 91.73	8

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR TURBINE SITE	FOOT OF H ST CHULA VISTA CA 920100000	SSW	0.01 / 72.12	7
ROHR INDUSTRIES	-- CHULA VISTA CA 920100000	SSW	0.01 / 72.12	7

HAZ GEN - Generators from Hazardous Waste Manifest Data

A search of the HAZ GEN database, dated Dec 31, 2017 has found that there are 1 HAZ GEN site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR COGENERATION PLANT	FOOT OF H ST GATE 66 CHULA VISTA CA 920120000	SSW	0.01 / 72.12	7

HAZ TSD - TSDF from Hazardous Waste Manifest Data

A search of the HAZ TSD database, dated Dec 31, 2017 has found that there are 3 HAZ TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INC DBA GOODRICH AEROSTRUCTURES	850 LAGOON DR CHULA VISTA CA 919102001	WNW	0.11 / 585.90	18

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PORT OF SAN DIEGO DERELICTBOAT YARD	891 G ST CHULA VISTA CA 91910	W	0.21 / 1,086.12	41
MARINE GROUP BOAT WORKS LLC	997 G ST CHULA VISTA CA 919103414	W	0.44 / 2,316.95	100

HIST MANIFEST - Historical Hazardous Waste Manifest Data

A search of the HIST MANIFEST database, dated Dec 31, 1992 has found that there are 4 HIST MANIFEST site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	390 BAY BLVD CHULA VISTA CA 920100000	NNW	0.00 / 0.00	1
	350-368 BAY BLVD CHULA VISTA CA 920100000	NNW	0.00 / 0.00	2
	350 BAY BLVD CHULA VISTA CA 920100000	NNW	0.01 / 46.70	6
	340 BAY CLUB CHULA VISTA CA 920100000	NNW	0.02 / 91.73	8

CDO/CAO - Cease and Desist Orders and Cleanup and Abatement Orders

A search of the CDO/CAO database, dated Dec 6, 2021 has found that there are 1 CDO/CAO site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHRInc.-UTC Areospace (FormerBFGoodrich Aerospace)	850 Lagoon Chula Vista CA 91910	NW	0.11 / 595.79	21

CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the CERS HAZ database, dated Oct 7, 2022 has found that there are 4 CERS HAZ site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AT&T Mobility - HWY 5 AND F (USID46284)	744 F ST CHULA VISTA CA 91910	NNE	0.11 / 591.47	20
ExxonMobil Oil Corp 99MTS (GW Monitoring Wells)	745 H ST CHULA VISTA CA 91910	ESE	0.12 / 615.79	23
PRUDENTIAL OVERALL SUPPLY	740 F ST CHULA VISTA CA 91910	NNE	0.12 / 629.75	25

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SDG&E - MONTGOMERY SUBSTATION	G ST, 0.3 MILES W/OF BAY BL CHULA VISTA CA 91910	W	0.05 / 287.71	10

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 1 DELISTED HAZ site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
7-Eleven 13570	285 BROADWAY CHULA VISTA CA 91910	NE	0.45 / 2,377.40	103

EMISSIONS - Toxic Pollutant Emissions Facilities

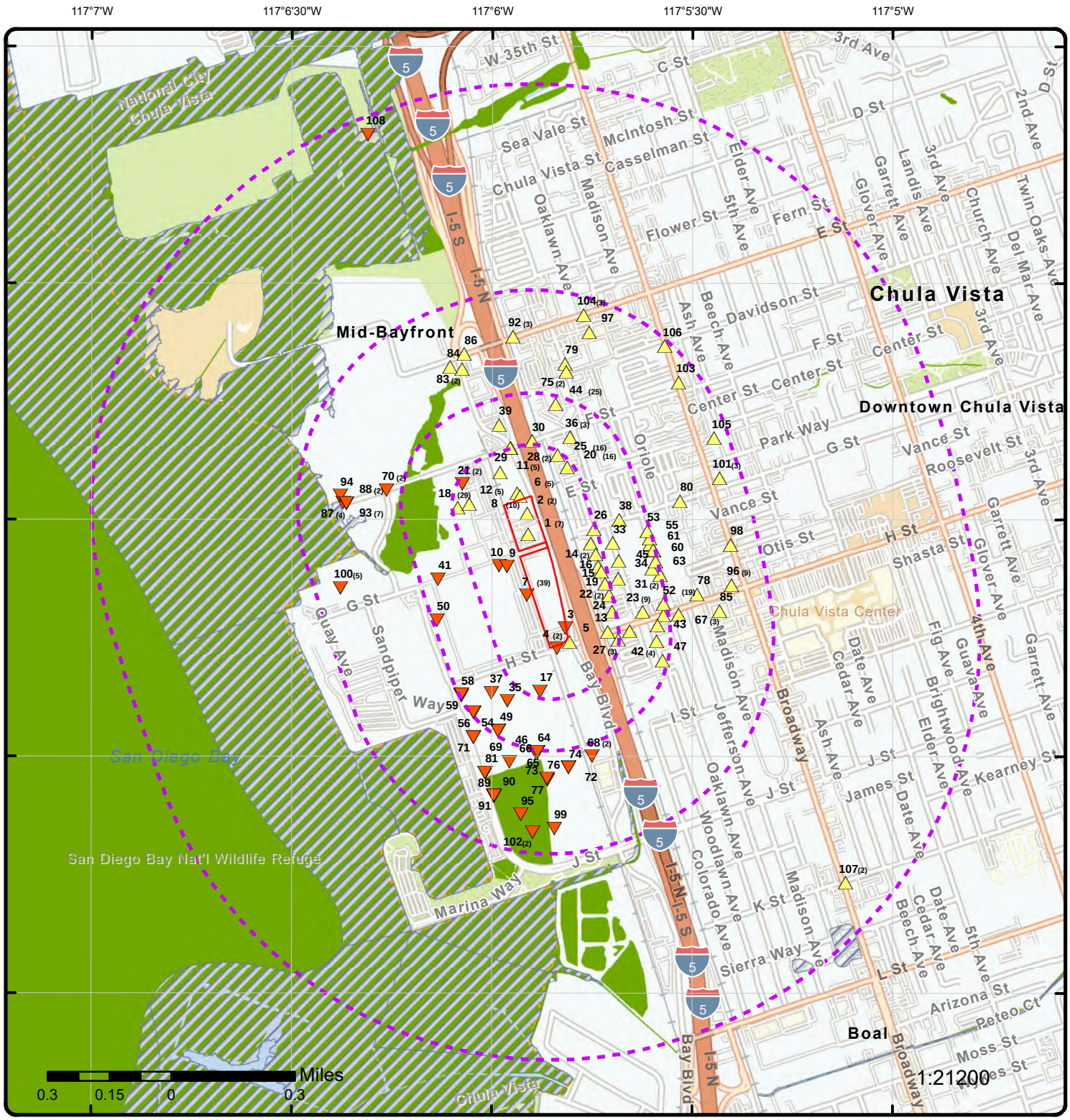
A search of the EMISSIONS database, dated Dec 31, 2020 has found that there are 20 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INC, A UTC AEROSPACE SYSTEMS COMPANY	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
ROHR INDUSTRIES.	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
ROHR INC	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	18
ROHR INDUSTRIES	850 LAGOON DR CHULA VISTA CA 91910	WNW	0.11 / 585.90	18

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PRUDENTIAL OVERALL SUPPLY	740 F STREET CHULA VISTA CA 92010	NNE	0.12 / 629.75	25
ARCO #1914	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
ARCO AM PM MINI MARKET #1914	720 H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
ARCO AM PM MINI MARKET #1914	720H ST CHULA VISTA CA 91910	ESE	0.15 / 804.52	32
CHEVRON / H STREET CHULA VISTA	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	40
CHEVRON	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	40
CHEVRON	695H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	40
CHEVRONH STREET CHULA VISTA	695 H ST CHULA VISTA CA 91910	ESE	0.19 / 1,000.61	40
WORLD OIL CO	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52
WORLD OIL / CHULA VISTA	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52
WORLD OILCHULA VISTA	685 H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52
WORLD OIL CO	685H ST CHULA VISTA CA 91910	ESE	0.24 / 1,277.47	52

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNIVERSITY COGEN. - ROHR	FOOT OF H ST CHULA VISTA CA 91910	SSW	0.01 / 72.12	7

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROHR INDUSTRIES	FOOT OF H ST CHULA VISTA CA 92010	SSW	0.01 / 72.12	7
ROHR INDUSTRIES	FOOT OFHST CHULA VISTA CA 92010	SSW	0.01 / 72.12	7
ROHR INC	850LAGOON DR CHULA VISTA CA 91910	NW	0.11 / 595.79	21



Map: 1.0 Mile Radius

Order Number: 23020700979

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.

Map: 0.5 Mile Radius

Order Number: 23020700979

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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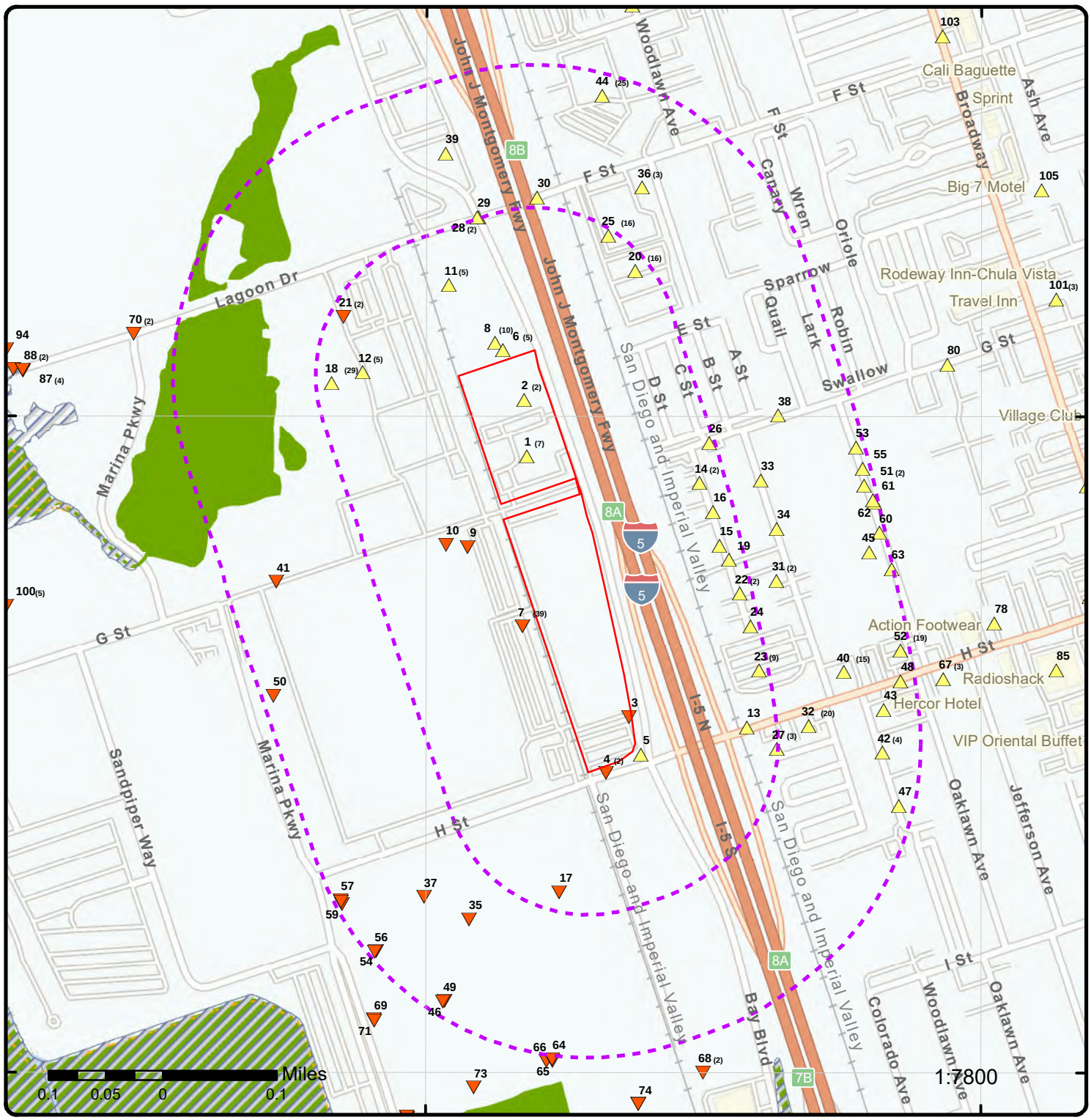


Map: 0.25 Mile Radius

Order Number: 23020700979

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.

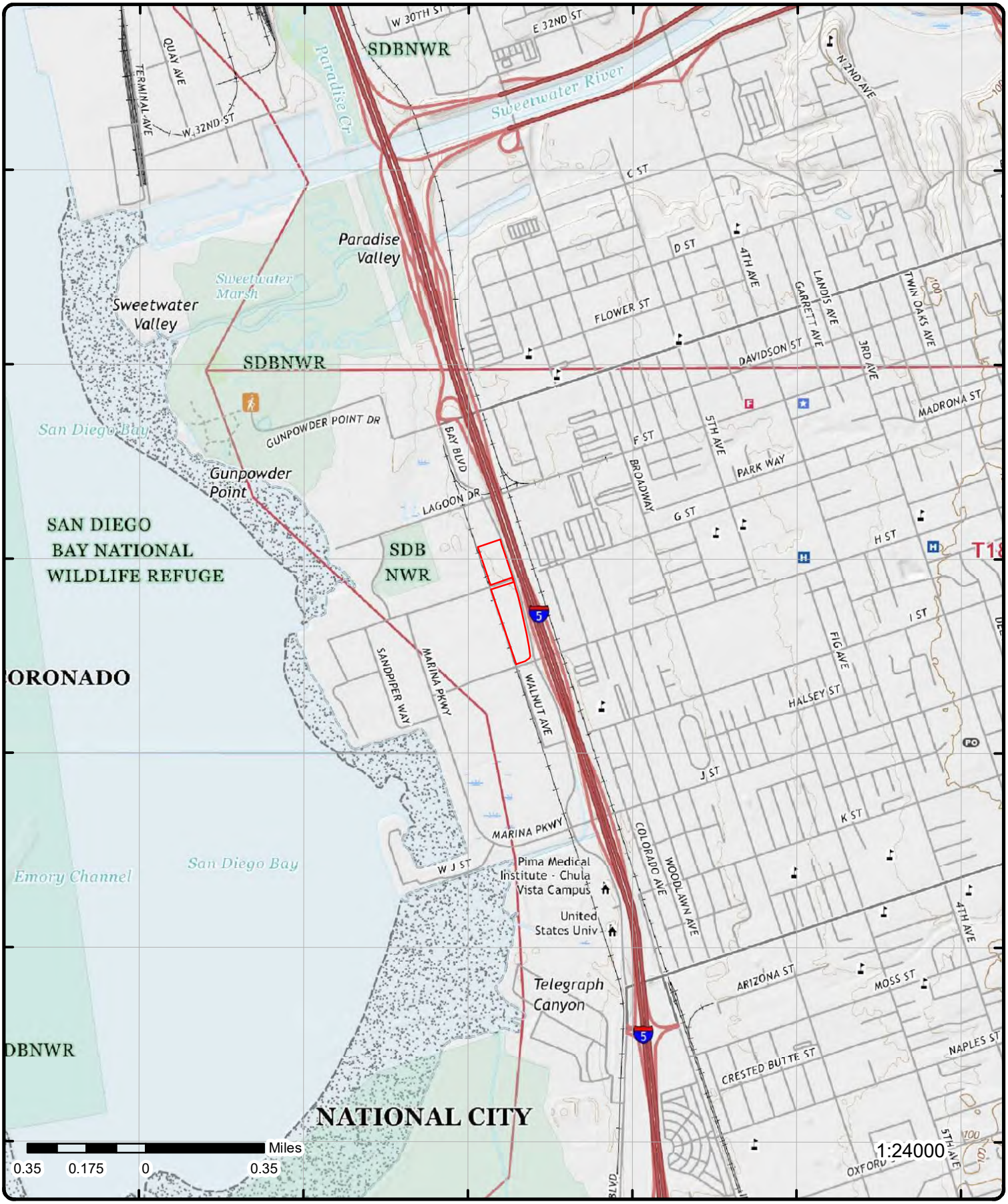
Aerial **Year: 2022**

Order Number: 23020700979

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CHULA VISTA, CA

© ERIS Information Inc.

Source: ESRI World Imagery



Topographic Map

Year: 2018

Order Number: 23020700979

Address: 795 H Street, 390, 368, 360, and 364 Bay Boulevard, CA

Quadrangle(s): Imperial Beach, CA; Point Loma, CA; Imperial Beach OE W, CA; National City, CA

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 7	NNW	0.00 / 0.00	22.97 / 5	ROHR INC 390 BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID:	DEH2002-HUPFP-105526	**GIS Record ID:**	DEH2002-HUPFP-105526
Facility Name:		**GIS Facility City:**	CHULA VISTA
Facility City:		**GIS Facility ZipCode:**	91910
Facility ZipCode:		**GIS Fac Latitude:**	32.6328755
Facility Latitude:		**GIS Fac Longitude:**	-117.0985045
Facility Longitude:			
Facility Address:			
GIS Facility Name:	ROHR INC		
GIS Facility Address:	390 BAY BLVD, CHULA VISTA, CA 91910		
Tank Owner Name:			

HMD Permits Map Data

GIS Facility ID:		**Status:**	
GIS CERS ID:		**ER Contact:**	
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	**ER Con Work Ph:**	
Per Type:		**Census Tract:**	
Per Sub Type:		**Parcel Zip:**	
Per Cat:		**Community:**	
Record Status:	Completed	**Jurisdiction:**	
HW Tier:		**Basin No:**	
LRG QTY MW Gener:		**BOS Dist:**	
EPA ID No:		**Tbpg Grid:**	
RMP CAL ARP:		**Insp Dist:**	
Tank Owner:		**Feature ID:**	5670223000
SIC Code:		**X Coord:**	6300424.452
NAICS Code:		**Y Coord:**	1811143.309
Disclose Qty Haz Mat:		**Kiva Per Typ:**	HK07 105526
Exp Date:		**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6300424.45185
UST Facility:		**Point Y:**	1811143.30913
Total No USTs:		**Lat GS84:**	32.6328755
No of Tanks:		**Lon GS84:**	-117.0985045
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:		**Side:**	
Recycle100:		**X Map Coord:**	-117.09853897508864
Onsite Haz Waste Tre:		**Y Map Coord:**	32.63295938629567
RCRA LRG Qty:		**User Fld:**	
Haz Wst Coll Site:		**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:		**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:		**ARC State:**	
Hazmat Rad:		**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:		**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:		**Bill Code 2:**	
Site Address:		**Bill Code 3:**	
Parcel No:	567-022-30-00	**Univ Waste Gen Type:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Ali: Unified Program Facility Permit
Address: 390 BAY BLVD
Business Type:
Bill Code:
ER Con Name:
ER Con Title:
Water Purv:
Fire Agency:
Geo SRC: Mapped to record APN/parcel center XY
Match Addr:
Hirt Flag:
Frhmbp Report Filename:
Frhmbp Sitemap Filename:

1	2 of 7	NNW	0.00 / 0.00	22.97 / 5	San Diego Dept Env Health Rohr Corp, 390 Bay Blvd, next to building 5 Chula Vista CA 91910	CHMIRS

Control No:
County: San Diego County
Year: 1998
URL:
Notified Date: 12/7/199809:18:34 AM
Notified Date Time:

California Hazardous Material Incident Report System (as of 1997 to 2005)

Contained: Yes
Substance: natural gas
Incident Date: 12/7/199812:00:00 AM
No of Injuries: 0
No of Fatals: 0
No of Evacs: 50
Cleanup: San Diego Co Gas&Elec
Water: No
Water Way:
City: Chula Vista
County: San Diego County
ZIP: 91910
Site: Industrial Plant
Bbls: 0
Cups: 0
Cu Ft: 0
Gals: 0.000000
Grams: 0
Lbs: 0
Liters: 0
Oz: 0
Pts: 0
Qts: 0
Sheen: 0
Tons: 0
Unknown: 0
Admin Agency: San Diego County Health Services Dept.
Location: Rohr Corp, 390 Bay Blvd, next to building 5
Description: A high pressure air line broke in the same trench and caused the breach in a 5 inch low pressure line. The natural gas released for about 2 hours.

1	3 of 7	NNW	0.00 / 0.00	22.97 / 5	LAWLESS 390 BAY BLVD. CHULA VISTA CA 92010	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002b650.pdf

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1	4 of 7	NNW	0.00 / 0.00	22.97 / 5	VALLEY DETROIT DIESEL 390 BAY BLVD CHULA VISTA CA 920100000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAX000243493
Create Date: 7/9/1985
Fac Act Ind: No
Inact Date: 4/30/1986
County Code: 37
County Name: San Diego
Mail Name:
Mailing City: CHULA VISTA
Mailing State: CA
Mailing Zip: 920100000
Region Code: 4
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: 99

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Mailing Addr 1: JOE APPLE
Mailing Addr 2:
Owner Fax:
Owner Zip: --
Owner Phone: 0000000000
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAX000243493

1	5 of 7	NNW	0.00 / 0.00	22.97 / 5	CITY OF CHULA VISTA - COMM DEV DEPT 388 - 390 BAY BLVD CHULA VISTA CA 919100000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC001435332
Create Date: 2/1/2000
Fac Act Ind: No
Inact Date: 10/25/2000
County Code: 37
County Name: San Diego
Mail Name:
Mailing Addr 1: 276 4TH AVE
Mailing Addr 2:
Owner Fax:
Mailing City: CHULA VISTA
Mailing State: CA
Mailing Zip: 919100000
Region Code: 4
Owner Name: CITY OF CHULA VISTA
Owner Addr 1: 276 4TH AVE
Owner Addr 2:
Owner City: CHULA VISTA
Owner State: CA
Owner Zip: 919100000
Owner Phone: 0000000000
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC001435332

1	6 of 7	NNW	0.00 / 0.00	22.97 / 5	390 BAY BLVD CHULA VISTA CA 920100000	HIST MANIFEST

Gen EPA ID: CAX000243493
Create Date: 07/09/1985 0:00
Inact Date: 4/30/1986 0:00:00
Facility Mail Street: JOE APPLE
Facility Mail City: CHULA VISTA
Facility Mail State: CA
Facility Mail Zip: 920100000
Contact Phone(s): 6194253480
File Year(s): 1985; 1987
Contact Name(s): INACTIVATED UNDELIVERABLE MAIL

Tanner Information

State Waste Code: 222
Year: 1985
Tons: 4.17
Method Code: H01
State Waste Code Desc: Oil/water separation sludge
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 135
Year: 1985
Tons: 18.76
Method Code: D83
State Waste Code Desc: Unspecified aqueous solution
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD020748125
Tsd County: Santa Barbara

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tanner Information

State Waste Code:	221	***Generator County:***	San Diego
Year:	1987	***Tsd Epa ID:***	CAD008352890
Tons:	3.33	***Tsd County:***	San Diego
Method Code:	UNK		
State Waste Code Desc:	Waste oil and mixed oil		
Method Description:			

Tanner Information

State Waste Code:	135	***Generator County:***	San Diego
Year:	1985	***Tsd Epa ID:***	CAD020748125
Tons:	6.25	***Tsd County:***	Santa Barbara
Method Code:	T31		
State Waste Code Desc:	Unspecified aqueous solution		
Method Description:			

1	*7 of 7*	*NNW*	*0.00 / 0.00*	*22.97 / 5*	***LAWLESS*** ***390 BAY BLVD.*** ***CHULA VISTA CA***	***HIST TANK***

Owner Name:	LAWLESS DETROLT DIESEL, INC.	***No of Containers:***	3
Owner Street:	13644 E. NELSON	***County:***	SAN DIEGO
Owner City:	CITY OF INDUSTRY	***Facility State:***	CA
Owner State:	CA	***Facility Zip:***	92010
Owner Zip:	91746		

2	*1 of 2*	*NNW*	*0.00 / 0.00*	*23.48 / 5*	***1X CITY OF CHULA VISTA BAY SITE*** ***350-368 BAY BLVD*** ***CHULA VISTA CA 920100000***	***HAZNET***

SIC Code:		***Mailing City:***	CHULA VISTA
NAICS Code:		***Mailing State:***	CA
EPA ID:	CAD982037871	***Mailing Zip:***	919100000
Create Date:	10/22/1987	***Region Code:***	4
Fac Act Ind:	No	***Owner Name:***	CITY OF CHULA VISTA
Inact Date:	4/15/1994	***Owner Addr 1:***	276 FOURTH AVE
County Code:	37	***Owner Addr 2:***	
County Name:	San Diego	***Owner City:***	CHULA VISTA
Mail Name:		***Owner State:***	CA
Mailing Addr 1:	707 F STREET	***Owner Zip:***	919100000
Mailing Addr 2:		***Owner Phone:***	6196915031
Owner Fax:			
Details DTSC HWTS:	The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search		
DTSC Handler Profile url:	https://hwts.dtsc.ca.gov/facility/CAD982037871		

2	*2 of 2*	*NNW*	*0.00 / 0.00*	*23.48 / 5*	***350-368 BAY BLVD*** ***CHULA VISTA CA 920100000***	***HIST MANIFEST***

Gen EPA ID:	CAD982037871
Create Date:	10/22/1987 0:00:00
Inact Date:	4/15/1994 0:00:00
Facility Mail Street:	707 F STREET
Facility Mail City:	CHULA VISTA
Facility Mail State:	CA
Facility Mail Zip:	919100000
Contact Phone(s):	6196915016
File Year(s):	1987; 1991; 1992
Contact Name(s):	JIM LOBUE, CD SPEC

Tanner Information

State Waste Code: 611
Year: 1987
Tons: 6.74
Method Code: D80
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD020748125
Tsd County: Santa Barbara

Tanner Information

State Waste Code: 611
Year: 1987
Tons: 71.63
Method Code: D80
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 241
Year: 1992
Tons: 0.62
Method Code: R01
State Waste Code Desc: Tank bottom waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080013352
Tsd County: Los Angeles

Tanner Information

State Waste Code: 461
Year: 1991
Tons: 5.85
Method Code: D99
State Waste Code Desc: Paint sludge
Method Description:

Generator County: San Diego
Tsd Epa ID: LAD981057706
Tsd County: Unknown

---

3 | ***1 of 1*** | ***SSE*** | ***0.00 / 0.00*** | ***15.19 / -3*** | ***BAY BLVD PROJECTS NONE BAY BL CHULA VISTA CA 91911*** | ***CLEANUP SITES***

Global ID: T0608135646
County: SAN DIEGO
Status Date: 9/17/2001
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Latitude: 32.6295162393125
Longitude: -117.096948814438

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H26520-001
Begin Date: 1/9/2001
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency: SAN DIEGO COUNTY LOP
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method:

Stop Description:
Case Worker: NS
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 2001-09-17 00:00:00
Potential Media of Concern:
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2001-09-17 00:00:00

Status: Open - Case Begin Date
Status Date: 2001-01-09 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: NASSER SIONIT
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: nasser.sionit@sdcounty.ca.gov
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608135646
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/17/2001
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H26520-001
CASEWORKER: NASSER SIONIT
SAN DIEGO RWQCB (REGION 9)

Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608135646&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 9/17/2001
Received Issue Date: 9/17/2001
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608135646&enforcement_id=6374120&temptable=ENFORCEMENT
Title Description Comments:

H26520-001 Closure Documents

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 9/17/2001
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H26520-001 CLOSURE DOCUMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608135646&enforcement_id=6374120

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 9/17/2001

Status: Open - Case Begin Date
Date: 1/9/2001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 2	SSE	0.01 / 31.69	15.39 / -3	PARTY CITY CORP DBA HALLOWEEN CITY #8339 865 H STREET CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC002979701
Gen Status Universe: No Report
Contact Name: LARRY WUDYKA
Contact Address: 41100 PLYMOUTH RD, STE 101, PLYMOUTH, MI, 48170,
Contact Phone No and Ext: 734-591-5468
Contact Email: LWUDYKA@PARTYCITY.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20180911
Location Latitude: 32.62884
Location Longitude: -117.097274

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No

Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180911
Handler Name:	PARTY CITY CORP DBA HALLOWEEN CITY #8339
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	25 GREEN POND RD, STE #1
Name:	PARTY CITY CORP.	***Street 2:***	
Date Became Current:		***City:***	ROCKAWAY
Date Ended Current:		***State:***	NJ
Phone:	973-453-8600	***Country:***	
Source Type:	Implementer	***Zip Code:***	07866
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	41100 PLYMOUTH RD, STE 101
Name:	LARRY WUDYKA	***Street 2:***	
Date Became Current:		***City:***	PLYMOUTH
Date Ended Current:		***State:***	MI
Phone:	734-591-5468	***Country:***	
Source Type:	Implementer	***Zip Code:***	48170

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	2 of 2	SSE	0.01 / 31.69	15.39 / -3	PARTY CITY CORP DBA HALLOWEEN CITY #8339 865 H STREET CHULA VISTA CA 91910	FINDS/FRS

Registry ID:	110070435850
FIPS Code:	06073
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	31-DEC-18
Update Date:	
Interest Types:	OTHER HAZARDOUS WASTE ACTIVITIES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	
Census Block Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA Region Code: 09
County Name: SAN DIEGO
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070435850
Program Acronyms:

RCRAINFO:CAC002979701

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of 1	SSE	0.01 / 41.39	21.93 / 3	TEXANO AUTO RECYCLING 805 STE 1 A ENERGY WY CHULA VISTA CA 91911	FINDS/FRS

Registry ID: 110070090649
FIPS Code: 06073
HUC Code: 18070304
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 07-AUG-17
Update Date:
Interest Types: ICIS-NPDES NON-MAJOR, STORM WATER INDUSTRIAL
SIC Codes: 5015
SIC Code Descriptions: MOTOR VEHICLE PARTS, USED
NAICS Codes:
NAICS Code Descriptions:
Conveyor: ICIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 51
Census Block Code: 060730133131101
EPA Region Code: 09
County Name: SAN DIEGO COUNTY
US/Mexico Border Ind: Yes
Latitude: 32.5966
Longitude: -117.01421
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070090649
Program Acronyms:

NPDES:CAZ345601

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 5	NNW	0.01 / 46.70	26.24 / 8	CITY OF CHULA VISTA 350-360 BAY BOULEVARD CHULA VISTA CA 91910	ENVIROSTOR

Estor/EPA ID: 37000027
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6073012600
Site Type: EVALUATION
Assembly District: 80
Senate District: 40
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SAN DIEGO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address Description: 350-360 BAY BOULEVARD
Office: CLEANUP CYPRESS
Special Program:
Funding: NOT APPLICABLE
Cleanup Status: REFER: 1248 LOCAL AGENCY AS OF 1/31/2001
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Latitude: 32.634103277665
Longitude: -117.0989923304
Acres: NONE SPECIFIED
Supervisor:

Status: REFER: 1248 LOCAL AGENCY
Program Type: EVALUATION
CalEnviroScreen Score: 80-85%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=37000027

Completed Activities

Title: SB 1248
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=37000027&doc_id=6019351
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: SB 1248 Notification
Date Completed: 1/31/2001
Comments: SB 1248 San Diego County

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	2 of 5	NNW	0.01 / 46.70	26.24 / 8	BAY BLVD PROJECTS 350 BAY BLVD, CHULA VISTA, CA 91911 CHULA VISTA CA 91911	HAZ SANDIEGO

Record ID: DEH2002-HUPFP-126520
Facility Name:
Facility City:
Facility ZipCode:
Facility Latitude:
Facility Longitude:
Facility Address:
GIS Facility Name: BAY BLVD PROJECTS
GIS Facility Address: 350 BAY BLVD, CHULA VISTA, CA 91911
Tank Owner Name:

GIS Record ID: DEH2002-HUPFP-126520
GIS Facility City: CHULA VISTA
GIS Facility ZipCode: 91911
GIS Fac Latitude: 32.633869
GIS Fac Longitude: -117.0989338

HMD Permits Map Data

GIS Facility ID:
GIS CERS ID:
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility
Per Type:
Per Sub Type:
Per Cat:
Record Status: Completed
HW Tier:
LRG QTY MW Gener:
EPA ID No:
RMP CAL ARP:
Tank Owner:
SIC Code:
NAICS Code:
Disclose Qty Haz Mat:

Status:
ER Contact:
ER Con Work Ph:
Census Tract:
Parcel Zip:
Community:
Jurisdiction:
Basin No:
BOS Dist:
Tbpg Grid:
Insp Dist:
Feature ID: 5670223100
X Coord: 6300251.934
Y Coord: 1811459.645
Kiva Per Typ: HK07 126520

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Exp Date:		**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6300251.93415
UST Facility:		**Point Y:**	1811459.64511
Total No USTs:		**Lat GS84:**	32.633869
No of Tanks:		**Lon GS84:**	-117.0989338
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:		**Side:**	
Recycle100:		**X Map Coord:**	-117.0991076712056
Onsite Haz Waste Tre:		**Y Map Coord:**	32.63382491542322
RCRA LRG Qty:		**User Fld:**	
Haz Wst Coll Site:		**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:		**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:		**ARC State:**	
Hazmat Rad:		**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:		**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:		**Bill Code 2:**	
Site Address:		**Bill Code 3:**	
Parcel No:	567-022-31-00	**Univ Waste Gen Type:**	
Record Ali:	Unified Program Facility Permit		
Address:	350 BAY BLVD		
Business Type:			
Bill Code:			
ER Con Name:			
ER Con Title:			
Water Purv:			
Fire Agency:			
Geo SRC:	Mapped to record APN/parcel center XY		
Match Addr:			
Hirt Flag:			
Frhmbp Report Filename:			
Frhmbp Sitemap Filename:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	3 of 5	NNW	0.01 / 46.70	26.24 / 8	JACKSONS IMPORT AUTO WRECKING 350 W BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID:	DEH2002-HUPFP-110722	**GIS Record ID:**	DEH2002-HUPFP-110722
Facility Name:		**GIS Facility City:**	CHULA VISTA
Facility City:		**GIS Facility ZipCode:**	91910
Facility ZipCode:		**GIS Fac Latitude:**	32.6341033
Facility Latitude:		**GIS Fac Longitude:**	-117.0989923
Facility Longitude:			
Facility Address:			
GIS Facility Name:	JACKSONS IMPORT AUTO WRECKING		
GIS Facility Address:	350 W BAY BLVD, CHULA VISTA, CA 91910		
Tank Owner Name:			

HMD Permits Map Data

GIS Facility ID:		**Status:**	
GIS CERS ID:		**ER Contact:**	
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	**ER Con Work Ph:**	
Per Type:		**Census Tract:**	
Per Sub Type:		**Parcel Zip:**	
Per Cat:		**Community:**	
Record Status:	Completed	**Jurisdiction:**	
HW Tier:		**Basin No:**	
LRG QTY MW Gener:		**BOS Dist:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA ID No:		**Tbpg Grid:**	
RMP CAL ARP:		**Insp Dist:**	
Tank Owner:		**Feature ID:**	5670221700
SIC Code:		**X Coord:**	6300324.338
NAICS Code:		**Y Coord:**	1811572.158
Disclose Qty Haz Mat:		**Kiva Per Typ:**	HK07 110722
Exp Date:		**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6300324.33788
UST Facility:		**Point Y:**	1811572.15801
Total No USTs:		**Lat GS84:**	32.6341033
No of Tanks:		**Lon GS84:**	-117.0989923
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:		**Side:**	
Recycle100:		**X Map Coord:**	-117.09887548054397
Onsite Haz Waste Tre:		**Y Map Coord:**	32.634135755980594
RCRA LRG Qty:		**User Fld:**	
Haz Wst Coll Site:		**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:		**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:		**ARC State:**	
Hazmat Rad:		**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:		**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:		**Bill Code 2:**	
Site Address:		**Bill Code 3:**	
Parcel No:	567-022-17-00	**Univ Waste Gen Type:**	
Record Ali:	Unified Program Facility Permit		
Address:	350 W BAY BLVD		
Business Type:			
Bill Code:			
ER Con Name:			
ER Con Title:			
Water Purv:			
Fire Agency:			
Geo SRC:	Mapped to record APN/parcel center XY		
Match Addr:			
Hirt Flag:			
Frhmbp Report Filename:			
Frhmbp Sitemap Filename:			

6	***4 of 5***	***NNW***	***0.01 / 46.70***	***26.24 / 8***	***1X JACKSON'S IMPORT AUTO PARTS 350 BAY BLVD CHULA VISTA CA 920100000***	***HAZNET***

SIC Code:		**Mailing City:**	CHULA VISTA
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAD982017345	**Mailing Zip:**	920100000
Create Date:	8/19/1987	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	1/1/1991	**Owner Addr 1:**	--
County Code:	37	**Owner Addr 2:**	
County Name:	San Diego	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	350 BAY BLVD	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			
Details DTSC HWTS:	The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search		
DTSC Handler Profile url:	https://hwts.dtsc.ca.gov/facility/CAD982017345		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	5 of 5	NNW	0.01 / 46.70	26.24 / 8	350 BAY BLVD CHULA VISTA CA 920100000	HIST MANIFEST

Gen EPA ID: CAD982017345
Create Date: 8/19/1987 0:00:00
Inact Date: 01/01/1991 0:00
Facility Mail Street: 350 BAY BLVD
Facility Mail City: CHULA VISTA
Facility Mail State: CA
Facility Mail Zip: 920100000
Contact Phone(s): 6194261234
File Year(s): 1987
Contact Name(s): JACKSON DENBY

Tanner Information

State Waste Code: 343
Year: 1987
Tons: 0.34
Method Code:
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	1 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR IND INC FOOT OF H ST CHULA VISTA CA 92012	CERCLIS

Site ID: 0901097
Site EPA ID: CAD008382053
Site Street Address 2:
Site County Name: SAN DIEGO
Site FIPS Code: 06073
Region Code: 09
Site SMSA No.: 7320
Site Prim. Latitude: 32D37M45S
Site Prim. Longitude: 117D05M51S
Lat Long Source:
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information
RNPL Status Code: N
NPL Status: Not on the NPL
RFED Facility Code: N
RFED Facility Desc: Not a Federal Facility
USGS Hydro Unit No.: 18070304
Site Cong. Dist. Code: 44
ROT Desc: Unknown
FR NPL Update No.:
RFRA Code:

CERCLIS Assess History

OU ID: 00
Act Code ID:
RAT Code:
RAT Short Name:
RAT Name:
RAT Hist. Only Flag:
RAT NSI Indicator:
RAT Level:
RAT DEF OU:
RFBS Code:
SPA Code:
RAT Def:
Site Desc: No description available
.
Site Alias: No alias data available
RALT Short Name:
Act Start Date:
Act Complete Date:
AGT Order No.: 0
SH OU:
SH Code:
SH Seq:
SH Start Date:
SH Complete Date:
SH Lead:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: DS
RAT Short Name: DISCVRY
RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 1/1/1985 00:00:00
AGT Order No.: 10

RAT Name:	DISCOVERY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	State (Fund)
Act Code ID:	002	***Act Start Date:***	1/1/1985 00:00:00
RAT Code:	PA	***Act Complete Date:***	8/1/1985 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA In-House
Act Code ID:	001	***Act Start Date:***	
RAT Code:	VS	***Act Complete Date:***	12/21/1993 00:00:00
RAT Short Name:	ARCH SITE	***AGT Order No.:***	1500
RAT Name:	ARCHIVE SITE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	5/21/1993 00:00:00
RAT Code:	SI	***Act Complete Date:***	12/21/1993 00:00:00
RAT Short Name:	SI	***AGT Order No.:***	160
RAT Name:	SITE INSPECTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.

Site Desc:
Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	PA	***Act Complete Date:***	2/18/1993 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:

Site Alias:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	2 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR IND INC FOOT OF H ST CHULA VISTA CA 92012	CERCLIS NFRAP

Site ID:	901097	***Site FIPS Code:***	6073
Site EPA ID:	CAD008382053	***Region Code:***	9
Site Parent ID:		***Site Cong. Dist. Code:***	44
Site County Name:	SAN DIEGO	***Federal Facility:***	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	12/21/1993
RAT Code:	VS	***AGT Order No.:***	1500
RAT Short Name:	ARCH SITE	***SH OU:***	
RAT Name:	ARCHIVE SITE	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:		***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	
RALT Short Name:	EPA In-House	***RNPL Status Code:***	N

RAT Def: The decision is made that no further activity is planned at the site.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	1/1/1985
RAT Code:	DS	***AGT Order No.:***	10
RAT Short Name:	DISCVRY	***SH OU:***	
RAT Name:	DISCOVERY	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:		***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	
RALT Short Name:	EPA Fund	***RNPL Status Code:***	N

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OU ID:	0	**Act Start Date:**	5/21/1993
Act Code ID:	1	**Act Complete Date:**	12/21/1993
RAT Code:	SI	**AGT Order No.:**	160
RAT Short Name:	SI	**SH OU:**	
RAT Name:	SITE INSPECTION	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	2/18/1993
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	Higher priority
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	1/1/1985
Act Code ID:	2	**Act Complete Date:**	8/1/1985
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	State (Fund)	**RNPL Status Code:**	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	3 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1992-LSAM-H02457-004	**BOS District:**	1
Record ID (DEH):	DEH1992-LSAM-H02457-004	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	6/17/1992, 8:00 PM
ID:	2625	**Opened Date:**	4/16/1992, 8:00 PM
Object ID:	2623	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	T0608184113	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:	H02457-004	**GT Global ID:**	T0608184113

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

H No:	H02457	**GT RB Case No:**	2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	04/17/1992	**GT Latitude:**	32.62322533
Per Type:	LWQD	**GT Longitude:**	-117.09750473
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6300716.0398483
City:	CHULA VISTA	**Point Y:**	1809588.95987497
Community:	Chula Vista	**X:**	6300833.278
Zip Code:	91910	**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.09755087336335
Agency Name:	COSD	**Y1:**	32.62869407228464

Project Name: ROHR INDUSTRIES INC
Address: 0 H ST, CHULA VISTA CA 91910
Historical Name: ROHR INDUSTRIES
Record Name: ROHR INDUSTRIES INC
Street String: 0 H ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: VAP - Voluntary Assistance Program
Funding: V - Private - VAP
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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7	4 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1986-LSAM-H02457-001	**BOS District:**	1
Record ID (DEH):	DEH1986-LSAM-H02457-001	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	8/20/1986, 8:00 PM
ID:	160	**Opened Date:**	8/20/1986, 8:00 PM
Object ID:	160	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	T0607301189	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:	H02457-001	**GT Global ID:**	T0607301189
H No:	H02457	**GT RB Case No:**	9UT2424 2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	08/21/1986	**GT Latitude:**	32.62880388
Per Type:	LWQD	**GT Longitude:**	-117.09919999
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6300714.7800083
City:	CHULA VISTA	**Point Y:**	1809590.86013365
Community:	Chula Vista	**X:**	6300833.278
Zip Code:	91910	**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.09755501523175
Agency Name:	COSD	**Y1:**	32.628699266636346

Project Name: ROHR INDUSTRIES INC
Address: 0 H ST, CHULA VISTA CA 91910
Historical Name: ROHR INDUSTRIES INC
Record Name: ROHR INDUSTRIES INC
Street String: 0 H ST
DEH Permit Owner:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: VAP - Voluntary Assistance Program
Funding: V - Private - VAP
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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7 **5 of 39** **SSW** **0.01 / 72.12** **13.84 / -5** **ROHR INDUSTRIES INC**
0 H ST
Chula Vista CA
SAM SANDIEGO

Record ID: DEH1992-LSAM-H02457-007
Record ID (DEH): DEH1992-LSAM-H02457-007
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 2628
Object ID: 2626
SWRCB Global ID: T10000001489
Feature ID: 5713301600
Parcel No: 571-330-16-00
Case No:
H No: H02457
KIVA per Tp per No: 6SAM H02457
Status: Completed
Record Status: Completed
Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 10/28/1992
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type: ALIAS
City: CHULA VISTA
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD
Project Name: ROHR INDUSTRIES INC
Address: 0 H ST, CHULA VISTA CA 91910
Historical Name: ROHR INDUSTRIES
Record Name: ROHR INDUSTRIES INC
Street String: 0 H ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Open - Assessment & Interim Remedial Action
Case Type:
Funding: N - Non-Billable
Geo SRC: Mapped to XY from previous SAM layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

BOS District: 1
Lead Agency: RWQCB
Lead Agcy Date: 10/27/1992, 7:00 PM
Opened Date: 10/27/1992, 7:00 PM
ThomasBros Map Gd: 1329 J 1
Jurisdiction: CHULA VISTA
Census Tract: 126.00
Watershed Basin: 909.12
GT Global ID: T10000001489
GT RB Case No: 2092900
GT Status Date:
GT Case Type: Cleanup Program Site
GT Lead Agency: SAN DIEGO RWQCB (REGION 9)
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.6308097
GT Longitude: -117.10069656
Latitude GS84: 32.6269306
Longitude GS84: -117.0969047
Point X: 6299405.48997597
Point Y: 1810187.10992539
X: 6300833.278
Y: 1809185.631
X1: -117.10182313767888
Y1: 32.63030862056105

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7 **6 of 39** **SSW** **0.01 / 72.12** **13.84 / -5** **ROHR INDUSTRIES INC**
0 H ST
Chula Vista CA
SAM SANDIEGO

Record ID: DEH2007-LSAM-H02457-014
Record ID (DEH): DEH2007-LSAM-H02457-014
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 5846
Object ID: 5842
SWRCB Global ID:

BOS District: 1
Lead Agency: RWQCB
Lead Agcy Date: 1/18/2007, 7:00 PM
Opened Date: 1/7/2007, 7:00 PM
ThomasBros Map Gd: 1329 J 1
Jurisdiction: CHULA VISTA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:		**GT Global ID:**	
H No:	H02457	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	
Record Status:	Completed	**GT Lead Agency:**	
Record Type:	SAM Investigation	**GT CUF Case:**	
Record Alias:	SAM Investigation	**GT County:**	
Date:	01/08/2007	**GT Latitude:**	
Per Type:	LWQD	**GT Longitude:**	
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6300084.00010188
City:	CHULA VISTA	**Point Y:**	1811927.37514564
Community:	Chula Vista	**X:**	6300833.278
Zip Code:	91910	**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.09966549793864
Agency Name:	COSD	**Y1:**	32.635106622310204
Project Name:	ROHR INDUSTRIES INC		
Address:	0 H ST, CHULA VISTA CA 91910		
Historical Name:	GOODRICH AEROSTRUCTURES		
Record Name:	ROHR INDUSTRIES INC		
Street String:	0 H ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	CHULA VISTA		
GT Status:			
Case Type:			
Funding:	N - Non-Billable		
Geo SRC:	Mapped to XY from previous SAM layer		
Short Notes:			
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	7 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 NO ADDRESS Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1987-LSAM-H02457-003	**BOS District:**	1
Record ID (DEH):	DEH1987-LSAM-H02457-003	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	10/19/1987, 8:00 PM
ID:	578	**Opened Date:**	10/19/1987, 8:00 PM
Object ID:	577	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	T0607300932	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:	H02457-003	**GT Global ID:**	T0607300932
H No:	H02457	**GT RB Case No:**	9UT2162 2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	10/20/1987	**GT Latitude:**	32.62687023
Per Type:	LWQD	**GT Longitude:**	-117.09923217
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	MASTER	**Point X:**	6300714.57987747
City:		**Point Y:**	1809591.11013314
Community:	Chula Vista	**X:**	6300833.278
Zip Code:		**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.0975556718155
Agency Name:	COSD	**Y1:**	32.62869994924111
Project Name:	ROHR INDUSTRIES INC		
Address:	0 NO ADDRESS		
Historical Name:	ENERGY FACTORS/ROHR PLANT		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Name: ROHR INDUSTRIES INC
Street String: 0 NO ADDRESS
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: LOP - Local Oversight Program
Funding: F - LOP Federal Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	8 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID: DEH1993-LSAM-H02457-008
Record ID (DEH): DEH1993-LSAM-H02457-008
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 2998
Object ID: 2994
SWRCB Global ID: T10000001489
Feature ID: 5713301600
Parcel No: 571-330-16-00
Case No:
H No: H02457
KIVA per Tp per No: 6SAM H02457
Status: Completed
Record Status: Completed
Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 02/09/1993
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type: ALIAS
City: CHULA VISTA
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD
BOS District: 1
Lead Agency: RWQCB
Lead Agcy Date: 12/4/1996, 7:00 PM
Opened Date: 2/8/1993, 7:00 PM
ThomasBros Map Gd: 1329 J 1
Jurisdiction: CHULA VISTA
Census Tract: 126.00
Watershed Basin: 909.12
GT Global ID: T10000001489
GT RB Case No: 2092900
GT Status Date:
GT Case Type: Cleanup Program Site
GT Lead Agency: SAN DIEGO RWQCB (REGION 9)
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.6308097
GT Longitude: -117.10069656
Latitude GS84: 32.6269306
Longitude GS84: -117.0969047
Point X: 6300174.62984189
Point Y: 1810041.99013689
X: 6300833.278
Y: 1809185.631
X1: -117.09932124607725
Y1: 32.62992703112332
Project Name: ROHR INDUSTRIES INC
Address: 0 H ST, CHULA VISTA CA 91910
Historical Name: ROHR INDUSTRIES
Record Name: ROHR INDUSTRIES INC
Street String: 0 H ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Open - Assessment & Interim Remedial Action
Case Type:
Funding: N - Non-Billable
Geo SRC: Mapped to XY from previous SAM layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	9 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID: DEH1990-LSAM-H02457-010
Record ID (DEH): DEH1990-LSAM-H02457-010
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
BOS District: 1
Lead Agency: DEH/SAM
Lead Agcy Date: 8/29/1990, 8:00 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ID:	1778	**Opened Date:**	8/29/1990, 8:00 PM
Object ID:	1776	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	T0608190387	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:	H02457-010	**GT Global ID:**	T0608190387
H No:	H02457	**GT RB Case No:**	2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	08/30/1990	**GT Latitude:**	32.62738521
Per Type:	LWQD	**GT Longitude:**	-117.09835768
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6300714.38007472
City:	CHULA VISTA	**Point Y:**	1809589.86013564
Community:	Chula Vista	**X:**	6300833.278
Zip Code:	91910	**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.09755628773193
Agency Name:	COSD	**Y1:**	32.62869650939811

Project Name:	ROHR INDUSTRIES INC
Address:	0 H ST, CHULA VISTA CA 91910
Historical Name:	ROHR INDUSTRIES INC
Record Name:	ROHR INDUSTRIES INC
Street String:	0 H ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Completed - Case Closed
Case Type:	VAP - Voluntary Assistance Program
Funding:	V - Private - VAP
Geo SRC:	Mapped to XY from previous SAM Layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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7	10 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1999-LSAM-H02457-011	**BOS District:**	1
Record ID (DEH):	DEH1999-LSAM-H02457-011	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	7/11/1999, 8:00 PM
ID:	4674	**Opened Date:**	6/14/1999, 8:00 PM
Object ID:	4670	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	T0607399048	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:	H02457-011	**GT Global ID:**	T0607399048
H No:	H02457	**GT RB Case No:**	9UT3961
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	06/15/1999	**GT Latitude:**	32.62851435
Per Type:	LWQD	**GT Longitude:**	-117.099345
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6300715.7701638
City:	CHULA VISTA	**Point Y:**	1809588.49990214
Community:	Chula Vista	**X:**	6300833.278
Zip Code:	91910	**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.0975517370989
Agency Name:	COSD	**Y1:**	32.628692802112255

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Project Name:	ROHR INDUSTRIES INC
Address:	0 H ST, CHULA VISTA CA 91910
Historical Name:	BF GOODRICH AEROSPACE
Record Name:	ROHR INDUSTRIES INC
Street String:	0 H ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Completed - Case Closed
Case Type:	VAP - Voluntary Assistance Program
Funding:	P - Private Site Designation
Geo SRC:	Mapped to XY from previous SAM Layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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7	11 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1999-LSAM-H02457-012	**BOS District:**	1
Record ID (DEH):	DEH1999-LSAM-H02457-012	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	1/22/2013, 7:00 PM
ID:	4675	**Opened Date:**	6/14/1999, 8:00 PM
Object ID:	4671	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T0608187932	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.11
Case No:		**GT Global ID:**	T0608187932
H No:	H02457	**GT RB Case No:**	2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	06/15/1999	**GT Latitude:**	32.62922849
Per Type:	LWQD	**GT Longitude:**	-117.09936619
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6300715.7701638
City:	CHULA VISTA	**Point Y:**	1809589.82010947
Community:	Chula Vista	**X:**	6300728.027196
Zip Code:	91910	**Y:**	1808133.589834
Zip Community:	91910	**X1:**	-117.0975517719539
Agency Name:	COSD	**Y1:**	32.628696430449736

Project Name:	ROHR INDUSTRIES INC
Address:	0 H ST, CHULA VISTA CA 91910
Historical Name:	BF GOODRICH AEROSPACE
Record Name:	ROHR INDUSTRIES INC
Street String:	0 H ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	SOUTH BAY IRRIGATION LAND
GT Status:	Open - Remediation
Case Type:	VAP - Voluntary Assistance Program
Funding:	P - Private Site Designation
Geo SRC:	Mapped to XY from previous SAM layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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7	12 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record ID:	DEH1993-LSAM-H02457-009	**BOS District:**	1
Record ID (DEH):	DEH1993-LSAM-H02457-009	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	7/21/1993, 8:00 PM
ID:	2999	**Opened Date:**	7/12/1993, 8:00 PM
Object ID:	2995	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	T0607301464	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:	H02457-009	**GT Global ID:**	T0607301464
H No:	H02457	**GT RB Case No:**	9UT2711 2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	07/13/1993	**GT Latitude:**	32.62716835
Per Type:	LWQD	**GT Longitude:**	-117.10122228
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6299811.83004256
City:	CHULA VISTA	**Point Y:**	1808953.57991214
Community:	Chula Vista	**X:**	6300833.278
Zip Code:	91910	**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.1004707261506
Agency Name:	COSD	**Y1:**	32.62692761657157

Project Name:	ROHR INDUSTRIES INC
Address:	0 H ST, CHULA VISTA CA 91910
Historical Name:	ROHR INDUSTRIES
Record Name:	ROHR INDUSTRIES INC
Street String:	0 H ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Completed - Case Closed
Case Type:	VAP - Voluntary Assistance Program
Funding:	T - Private - Non LOP Tank
Geo SRC:	Mapped to XY from previous SAM Layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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7	13 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1992-LSAM-H02457-006	**BOS District:**	1
Record ID (DEH):	DEH1992-LSAM-H02457-006	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	1/22/2013, 7:00 PM
ID:	2627	**Opened Date:**	7/12/1992, 8:00 PM
Object ID:	2625	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T0607301766	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.11
Case No:		**GT Global ID:**	T0607301766
H No:	H02457	**GT RB Case No:**	9UT2999 2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	07/13/1992	**GT Latitude:**	32.63055671
Per Type:	LWQD	**GT Longitude:**	-117.09953785
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6300334.26010005
City:	CHULA VISTA	**Point Y:**	1810071.01009198
Community:	Chula Vista	**X:**	6300728.027196

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Zip Code:	91910	**Y:**	1808133.589834
Zip Community:	91910	**X1:**	-117.09880356020022
Agency Name:	COSD	**Y1:**	32.63001035955591
Project Name:	ROHR INDUSTRIES INC		
Address:	0 H ST, CHULA VISTA CA 91910		
Historical Name:	ROHR INDUSTRIES		
Record Name:	ROHR INDUSTRIES INC		
Street String:	0 H ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	SOUTH BAY IRRIGATION LAND		
GT Status:	Open - Site Assessment		
Case Type:	VAP - Voluntary Assistance Program		
Funding:	T - Private - Non LOP Tank		
Geo SRC:	Mapped to XY from previous SAM layer		
Short Notes:			
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites		

7	14 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH2000-LSAM-H02457-013	**BOS District:**	1
Record ID (DEH):	DEH2000-LSAM-H02457-013	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	4/23/2000, 8:00 PM
ID:	4931	**Opened Date:**	4/23/2000, 8:00 PM
Object ID:	4927	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T0607399259	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.11
Case No:	H02457-013	**GT Global ID:**	T0607399259
H No:	H02457	**GT RB Case No:**	9UT4069 2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	04/24/2000	**GT Latitude:**	32.62868079
Per Type:	LWQD	**GT Longitude:**	-117.09944129
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6300714.38007472
City:	CHULA VISTA	**Point Y:**	1809589.86013564
Community:	Chula Vista	**X:**	6300740.83231578
Zip Code:	91910	**Y:**	1809161.22491601
Zip Community:	91910	**X1:**	-117.09755628773193
Agency Name:	COSD	**Y1:**	32.62869650939811
Project Name:	ROHR INDUSTRIES INC		
Address:	0 H ST, CHULA VISTA CA 91910		
Historical Name:	BF GOODRICH AEROSPACE/ROHR		
Record Name:	ROHR INDUSTRIES INC		
Street String:	0 H ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	SOUTH BAY IRRIGATION LAND		
GT Status:	Completed - Case Closed		
Case Type:	VAP - Voluntary Assistance Program		
Funding:	T - Private - Non LOP Tank		
Geo SRC:	Mapped to XY from previous SAM Layer		
Short Notes:			
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	15 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 NO ADDRESS Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1992-LSAM-H02457-005	**BOS District:**	1
Record ID (DEH):	DEH1992-LSAM-H02457-005	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	12/4/1996, 7:00 PM
ID:	2626	**Opened Date:**	6/17/1992, 8:00 PM
Object ID:	2624	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	SL209294204	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:		**GT Global ID:**	SL209294204
H No:	H02457	**GT RB Case No:**	2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	06/18/1992	**GT Latitude:**	32.62574972
Per Type:	LWQD	**GT Longitude:**	-117.09775686
Primary Parcel:	YES	**Latitude GS84:**	32.6269306
Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	MASTER	**Point X:**	6300726.09002505
City:		**Point Y:**	1807545.89998473
Community:	Chula Vista	**X:**	6300833.278
Zip Code:		**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.09746429888233
Agency Name:	COSD	**Y1:**	32.62307933804931
Project Name:	ROHR INDUSTRIES INC		
Address:	0 NO ADDRESS		
Historical Name:	ROHR INDUSTRIES		
Record Name:	ROHR INDUSTRIES INC		
Street String:	0 NO ADDRESS		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	CHULA VISTA		
GT Status:	Open - Remediation		
Case Type:			
Funding:	N - Non-Billable		
Geo SRC:	Mapped to XY from previous SAM layer		
Short Notes:			
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	16 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1987-LSAM-H02457-002	**BOS District:**	1
Record ID (DEH):	DEH1987-LSAM-H02457-002	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	8/12/1987, 8:00 PM
ID:	577	**Opened Date:**	8/12/1987, 8:00 PM
Object ID:	576	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	T0607302732	**Jurisdiction:**	CHULA VISTA
Feature ID:	5713301600	**Census Tract:**	126.00
Parcel No:	571-330-16-00	**Watershed Basin:**	909.12
Case No:	H02457-002	**GT Global ID:**	T0607302732
H No:	H02457	**GT RB Case No:**	9UT420 2092900
KIVA per Tp per No:	6SAM H02457	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	08/13/1987	**GT Latitude:**	32.63098531
Per Type:	LWQD	**GT Longitude:**	-117.10211948
Primary Parcel:	YES	**Latitude GS84:**	32.6269306

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Address:	YES	**Longitude GS84:**	-117.0969047
Address Type:	ALIAS	**Point X:**	6299492.5600118
City:	CHULA VISTA	**Point Y:**	1810259.67014773
Community:	Chula Vista	**X:**	6300833.278
Zip Code:	91910	**Y:**	1809185.631
Zip Community:	91910	**X1:**	-117.10154227189514
Agency Name:	COSD	**Y1:**	32.630509993118565

Project Name: ROHR INDUSTRIES INC
Address: 0 H ST, CHULA VISTA CA 91910
Historical Name: ROHR INDUSTRIES INC
Record Name: ROHR INDUSTRIES INC
Street String: 0 H ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: LOP - Local Oversight Program
Funding: F - LOP Federal Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	17 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR AIRCRAFT FOOT OF H STREET CHULA VISTA CA 92010	ENVIROSTOR

Estor/EPA ID:	37370020	**Assembly District:**	
Site Code:	600023	**Senate District:**	
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	NONE SPECIFIED	**Public Partici Spclst:**	
Census Tract:		**Project Manager:**	
Site Type:	* HISTORICAL	**County:**	SAN DIEGO
Address Description:	FOOT OF H STREET	**Latitude:**	0
Office:	CLEANUP CYPRESS	**Longitude:**	0
Special Program:	* RCRA 3012 - PAST HAZ WASTE DISP INVEN SITE	**Acres:**	NONE SPECIFIED
Funding:		**Supervisor:**	

Cleanup Status: REFER: OTHER AGENCY AS OF 8/21/1995
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

POLYCHLORINATED BIPHENYLS (PCBS)
UNCATEGORIZED

Site History:

Status: REFER: OTHER AGENCY
Program Type: HISTORICAL
CalEnviroScreen Score:
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=37370020

Completed Activities

Title: Discovery
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Discovery
Date Completed: 10/14/1982

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Comments: FACILITY IDENTIFIED ID VIA 50 PHONE BOOK

Title: Site Screening
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 11/7/1994
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Title: Preliminary Assessment Report
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 9/14/1984
Comments: PERMIT(OTHER) PERMIT: INDUST MATL PERMITS FROM CITY WATER UTILITIES DEPT, CO HMMS ASP SURVEY 11/9/81 - 1)SOURCE ACT: MFG OF AEROSPACE COMPONENTS,DEGREASING,PLATG PAINTING, ANODIZE 2)YR OF OPER: 1940-PRSN SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

7	18 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR TIES ROHR INDUSTRIES FOOT OF H STREET, ADJACENT TO I-5 CHULA VISTA CA 92011	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002f279.pdf

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7	19 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES -- CHULA VISTA CA 920100000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAD608382053
Create Date: 4/6/1983
Fac Act Ind: No
Inact Date: 1/1/1995
County Code: 37
County Name: San Diego
Mail Name:
Mailing Addr 1: ROHR INDUSTRIES
Mailing Addr 2:
Owner Fax:
Mailing City: CHULA VISTA
Mailing State: CA
Mailing Zip: 920120000
Region Code: 4
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAD608382053

7	20 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR TURBINE SITE FOOT OF H ST CHULA VISTA CA 920100000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAD981168164
Create Date: 4/10/1987
Fac Act Ind: No
Inact Date: 6/30/1996
County Code: 37
County Name: San Diego
Mailing City: SAN DIEGO
Mailing State: CA
Mailing Zip: 921120000
Region Code: 4
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Mail Name:
Mailing Addr 1: PO BOX 1831
Mailing Addr 2:
Owner Fax:
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAD981168164

7	21 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR IND INC FOOT OF H ST CHULA VISTA CA 92012	SEMS ARCHIVE

Site ID: 0901097
EPA ID: CAD008382053
Superfund Alt Agmt: No
Federal Facility: No
FF Docket: No
FIPS Code: 06073
Cong District: 44
Region: 09
County: SAN DIEGO
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Action Information

Operable Units: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Actual:
Finish Actual: 02/18/1993
Qual: H
Curr Action Lead: EPA Perf

Operable Units: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Actual: 05/21/1993
Finish Actual: 12/21/1993
Qual: N
Curr Action Lead: EPA Perf

Operable Units: 00
Action Code: PA
Action Name: PA
SEQ: 2
Start Actual: 01/01/1985
Finish Actual: 08/01/1985
Qual: N
Curr Action Lead: St Perf

Operable Units: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Actual:
Finish Actual: 12/21/1993
Qual:
Curr Action Lead: EPA Perf In-Hse

Operable Units: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Actual: 01/01/1985
Finish Actual: 01/01/1985
Qual:
Curr Action Lead: EPA Perf

7	22 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHRNA INC FOOT OF 'H' ST CHULA VISTA CA 91910	FINDS/FRS

Registry ID: 110065551325
FIPS Code:
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 13-OCT-15
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 09
County Name: SAN DIEGO COUNTY
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110065551325
Program Acronyms:

CA-ENVIROVIEW:325426

7	23 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T10000001489
Record ID: DEH1993-LSAM-H02457-008
Record Status: Completed
Opened Date: 2/9/1993
Case Type:
Historical Name: ROHR INDUSTRIES
Lead Agency: RWQCB
Lead Agency Date: 12/5/1996
Funding: N - Non-Billable
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CASES WITH NO CASE TYPE

Parcel No: 571-330-16-00
Census Tract: 126.00
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6269306
Longitude GS 84: -117.0969047
X Map Coord: 6300833.278
Y Map Coord: 1809185.631

7	24 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID:
Record ID: DEH2007-LSAM-H02457-014
Record Status: Completed
Opened Date: 1/8/2007
Case Type:
Historical Name: GOODRICH AEROSTRUCTURES
Lead Agency: RWQCB
Lead Agency Date: 1/19/2007
Funding: N - Non-Billable
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CASES WITH NO CASE TYPE

Parcel No: 571-330-16-00
Census Tract: 126.00
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6269306
Longitude GS 84: -117.0969047
X Map Coord: 6300833.278
Y Map Coord: 1809185.631

7	25 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 NO ADDRESS CA	LOP SANDIEGO

SWRCB Global ID: SL209294204
Record ID: DEH1992-LSAM-H02457-005
Record Status: Completed

Parcel No: 571-330-16-00
Census Tract: 126.00
Zip Code 2: 91910

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Opened Date:	6/18/1992	**Community:**	Chula Vista
Case Type:		**Jurisdiction:**	CHULA VISTA
Historical Name:	ROHR INDUSTRIES	**Watershed Basin No:**	909.12
Lead Agency:	RWQCB	**Latitude GS 84:**	32.6269306
Lead Agency Date:	12/5/1996	**Longitude GS 84:**	-117.0969047
Funding:	N - Non-Billable	**X Map Coord:**	6300833.278
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1809185.631
Water Purveyor:	CHULA VISTA		
File Case Type:	CASES WITH NO CASE TYPE		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	26 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID:	T10000001489	**Parcel No:**	571-330-16-00
Record ID:	DEH1992-LSAM-H02457-007	**Census Tract:**	126.00
Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	10/28/1992	**Community:**	Chula Vista
Case Type:		**Jurisdiction:**	CHULA VISTA
Historical Name:	ROHR INDUSTRIES	**Watershed Basin No:**	909.12
Lead Agency:	RWQCB	**Latitude GS 84:**	32.6269306
Lead Agency Date:	10/28/1992	**Longitude GS 84:**	-117.0969047
Funding:	N - Non-Billable	**X Map Coord:**	6300833.278
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1809185.631
Water Purveyor:	CHULA VISTA		
File Case Type:	CASES WITH NO CASE TYPE		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	27 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID:	T0607302732	**Parcel No:**	571-330-16-00
Record ID:	DEH1987-LSAM-H02457-002	**Census Tract:**	126.00
Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	8/13/1987	**Community:**	Chula Vista
Case Type:	LOP - Local Oversight Program	**Jurisdiction:**	CHULA VISTA
Historical Name:	ROHR INDUSTRIES INC	**Watershed Basin No:**	909.12
Lead Agency:	DEH/SAM	**Latitude GS 84:**	32.6269306
Lead Agency Date:	8/13/1987	**Longitude GS 84:**	-117.0969047
Funding:	F - LOP Federal Fund	**X Map Coord:**	6300833.278
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1809185.631
Water Purveyor:	CHULA VISTA		
File Case Type:	CLOSED OR TRANSFERRED LOP CASES		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	28 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC 0 NO ADDRESS CA	LOP SANDIEGO

SWRCB Global ID:	T0607300932	**Parcel No:**	571-330-16-00
Record ID:	DEH1987-LSAM-H02457-003	**Census Tract:**	126.00
Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	10/20/1987	**Community:**	Chula Vista
Case Type:	LOP - Local Oversight Program	**Jurisdiction:**	CHULA VISTA
Historical Name:	ENERGY FACTORS/ROHR PLANT	**Watershed Basin No:**	909.12
Lead Agency:	DEH/SAM	**Latitude GS 84:**	32.6269306
Lead Agency Date:	10/20/1987	**Longitude GS 84:**	-117.0969047
Funding:	F - LOP Federal Fund	**X Map Coord:**	6300833.278
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1809185.631
Water Purveyor:	CHULA VISTA		
File Case Type:	CLOSED OR TRANSFERRED LOP CASES		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	29 of 39	SSW	0.01 / 72.12	13.84 / -5	rohr inc foot of h street chula vista CA 91912	CHMIRS

Control No:
County: SAN DIEGO
Year: 1993
URL:
Notified Date: 1/13/1993
Notified Date Time: 02:16:00 PM

California Hazardous Material Incident Report System (as of 1993 to 1996)

Contained:
Substance: breacoat oil deliminate/water
Type: PETROLEUM
Qty:
Other:
Measure:
Amount: 1/2-1 gal 1/4-1/2 gal
Water:
Water Way:
Location: foot of h street
Description: transfer pump plugged, stream cleaning pump kicked in causing above substance to the soil
Incident Date: 1200
Injuries?: UNKNOWN
Fatals?: UNKNOWN
Evacs?: UNKNOWN
Cleanup: rohr inc.
Site: IND PLT
City: chula vista
County: SAN DIEGO
ZIP: 91912

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	30 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES, INC. FOOT OF H STREET CHULA VISTA, CA 92012	PRP

Site EPA ID: CAT080012826
Site Name: STRINGFELLOW
Site NPL Status: Currently on the Final NPL
Site Non NPL Status:
Site Address: 3490 PYRITE ST
Site City: MIRA LOMA
Site State: CA
Site Zip: 91752
Site Primary Latitude: 34.023056
Site Primary Longitude: -117.458330

Noticed Party Action Information

Action Type Seq: CD-3
Action Name: C DECREE
Action Date: SETTLEMENT DATE 10/23/1992

Action Type Seq: AC-3
Action Name: ADM ORDR
Action Date: SETTLEMENT DATE 07/15/1992

Action Type Seq: AC-2
Action Name: ADM ORDR
Action Date: SETTLEMENT DATE 07/25/1990

Action Type Seq: CD-2
Action Name: C DECREE
Action Date: SETTLEMENT DATE 10/23/1992

Action Type Seq: UA-1
Action Name: UNL ORDR
Action Date: SETTLEMENT DATE 09/20/1983

Action Type Seq: NJ-1
Action Name: Not Ltrs
Action Date: GENERAL NOTICE 08/25/1982

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	31 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES FOOT OFHST CHULA VISTA CA 92010	EMISSIONS

1993 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	362.6
CO:	37	***ROGT:***	55.21746
Air Basin:	SD	***COT:***	.1
District:	SD	***NOXT:***	.8
COID:	SD	***SOXT:***	0
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	.1
CHAPIS:		***PM10T:***	.07

1993 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1995 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	362.6
CO:	37	***ROGT:***	55.21746
Air Basin:	SD	***COT:***	.1
District:	SD	***NOXT:***	.8
COID:	SD	***SOXT:***	0
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	.1
CHAPIS:		***PM10T:***	.07

1995 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1996 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	362.6
CO:	37	***ROGT:***	55.21746
Air Basin:	SD	***COT:***	.1
District:	SD	***NOXT:***	.8
COID:	SD	***SOXT:***	0
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	.1
CHAPIS:		***PM10T:***	.07

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

1996 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	362.6
CO:	37	***ROGT:***	55.21746
Air Basin:	SD	***COT:***	.1
District:	SD	***NOXT:***	.8
COID:	SD	***SOXT:***	0
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	.1
CHAPIS:		***PM10T:***	.07

1997 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

7	***32 of 39***	***SSW***	***0.01 / 72.12***	***13.84 / -5***	***ROHR INDUSTRIES FOOT OF H ST CHULA VISTA CA 92010***	***EMISSIONS***

7	***33 of 39***	***SSW***	***0.01 / 72.12***	***13.84 / -5***	***UNIVERSITY COGEN. - ROHR FOOT OF H ST CHULA VISTA CA 91910***	***EMISSIONS***

1998 Criteria Data

Facility ID:	7091	***CERR Code:***	
Facility SIC Code:	4911	***TOGT:***	6.476932
CO:	37	***ROGT:***	1.9424319068
Air Basin:	SD	***COT:***	16.2139
District:	SD	***NOXT:***	30.22547
COID:	SD	***SOXT:***	.15708
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	11.30976
CHAPIS:		***PM10T:***	11.30976

1998 Toxic Data

Facility ID:	7091	***COID:***	SD
Facility SIC Code:	4911	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

1999 Criteria Data

Facility ID:	7091	**CERR Code:**	
Facility SIC Code:	4931	**TOGT:**	6.476932
CO:	37	**ROGT:**	1.9424319068
Air Basin:	SD	**COT:**	16.2139
District:	SD	**NOXT:**	30.22547
COID:	SD	**SOXT:**	.15708
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	11.30976
CHAPIS:		**PM10T:**	11.30976

1999 Toxic Data

Facility ID:	7091	**COID:**	SD
Facility SIC Code:	4931	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	34 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR TIES ROHR INDUSTRIES FOOT OF H STREET, ADJACENT TO CHULA VISTA CA	HIST TANK

Owner Name:	SAN DIEGO GAS & ELECTRIC COMPA	**No of Containers:**	1
Owner Street:	101 ASH ST.	**County:**	SAN DIEGO
Owner City:	SAN DIEGEO	**Facility State:**	CA
Owner State:	CA	**Facility Zip:**	92011
Owner Zip:	91112		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	35 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES, INC. FOOT OF H STREET CHULA VISTA CA	HIST TANK

Owner Name:	ROHR INDUSTRIES, INC.	**No of Containers:**	14
Owner Street:	P.O. BOX 878	**County:**	SAN DIEGO
Owner City:	CHULA VISTA	**Facility State:**	CA
Owner State:	CA	**Facility Zip:**	92012
Owner Zip:	92012		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	36 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC H ST (FOOT OF) CHULA VISTA CA	UST SWEEPS

C C:	A37-000-2457	**D Filename:**	SITE02A
BOE:	44-017864	**Page No:**	55
Comp:	2457	**County:**	SAN DIEGO
Status:	ACTIVE	**State :**	CA
No of Tanks:	9	**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	0
Agency:	SAN DIEGO COUNTY - U.S.T.	**Longitude:**	0
Phone:		**Georesult:**	N

Tank Details

Tank ID:	000015	***S Contain:***	
O Tank ID:		***Stg:***	P
SWRCB No:	37-000-002457-000015	***Storage :***	
Removed:		***Storag Type:***	PRODUCT
Installed:		***P Contain:***	
A Date:		***Content:***	
Capac:	650	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	TANK2A

Tank Details

Tank ID:	000008	***S Contain:***	
O Tank ID:		***Stg:***	P
SWRCB No:	37-000-002457-000008	***Storage :***	
Removed:		***Storag Type:***	PRODUCT
Installed:		***P Contain:***	
A Date:		***Content:***	LEADED
Capac:	6000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	TANK2A

Tank Details

Tank ID:	000014	***S Contain:***	
O Tank ID:		***Stg:***	P
SWRCB No:	37-000-002457-000014	***Storage :***	
Removed:		***Storag Type:***	PRODUCT
Installed:		***P Contain:***	
A Date:		***Content:***	
Capac:	40000	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	TANK2A

Tank Details

Tank ID:	000003	***S Contain:***	
O Tank ID:		***Stg:***	P
SWRCB No:	37-000-002457-000003	***Storage :***	
Removed:		***Storag Type:***	PRODUCT
Installed:		***P Contain:***	
A Date:		***Content:***	LEADED
Capac:	50	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	TANK2A

Tank Details

Tank ID:	000007	***S Contain:***	
O Tank ID:		***Stg:***	P
SWRCB No:	37-000-002457-000007	***Storage :***	
Removed:		***Storag Type:***	PRODUCT
Installed:		***P Contain:***	
A Date:		***Content:***	REG UNLEADED
Capac:	6000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	TANK2A

Tank Details

Tank ID:	000009	***S Contain:***	
O Tank ID:		***Stg:***	P
SWRCB No:	37-000-002457-000009	***Storage :***	
Removed:		***Storag Type:***	PRODUCT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Installed:		**P Contain:**	
A Date:		**Content:**	OTHER
Capac:	6000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000012	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-002457-000012	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	
Capac:	3000	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000010	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-002457-000010	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	
Capac:	550	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000013	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-002457-000013	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	
Capac:	1500	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	TANK2A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	37 of 39	SSW	0.01 / 72.12	13.84 / -5	ROHR INDUSTRIES INC H ST (FOOT OF) CHULA VISTA CA	UST SWEEPS

C C:	I37-000-2457	**D Filename:**	NSITE1
BOE:	44-017864	**Page No:**	227
Comp:	2457	**County:**	SAN DIEGO
Status:	INACTIVE	**State :**	CA
No of Tanks:	6	**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	0
Agency:	SAN DIEGO COUNTY - U.S.T.	**Longitude:**	0
Phone:	(619) 691-2521	**Georesult:**	N

Tank Details

Tank ID:	000004	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-002457-000004	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-73-01	**P Contain:**	OTHER
A Date:		**Content:**	LEADED
Capac:	10000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK1

Tank Details

Tank ID:	000011	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-002457-000011	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-74-01	***P Contain:***	OTHER
A Date:		***Content:***	JET FUEL
Capac:	550	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK1

Tank Details

Tank ID:	000002	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	37-000-002457-000002	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-73-01	***P Contain:***	OTHER
A Date:		***Content:***	OTHER
Capac:	10000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK1

Tank Details

Tank ID:	000006	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-002457-000006	***Storage :***	WASTE
Removed:		***Storag Type:***	WASTE
Installed:	01-65-01	***P Contain:***	OTHER
A Date:		***Content:***	
Capac:	10000	***ONA:***	
Tank Use:	PETROLEUM	***D File Name:***	NTANK1

Tank Details

Tank ID:	000001	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-002457-000001	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	UNKNOWN	***P Contain:***	OTHER
A Date:		***Content:***	OTHER
Capac:	100	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK1

Tank Details

Tank ID:	000005	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-002457-000005	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-73-01	***P Contain:***	OTHER
A Date:		***Content:***	REG UNLEADED
Capac:	10000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK1

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7 ***38 of 39*** ***SSW*** ***0.01 / 72.12*** ***13.84 / -5*** ***ROHR AIRCRAFT***
FOOT OF H STREET
CHULA VISTA CA 92010 ***CALSITES***

ID No:	37370020	***Assembly:***	
Status Date:	08/21/1995	***Senate:***	
NPL:		***Region:***	4
Tier:		***Region Name:***	LONG BEACH

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fund:		**County Co:**	37
Access :		**Facility County:**	SAN DIEGO
Access Code:	NOT REPORTED	**Lat Deg:**	0
Cortese:	D	**Lat Min:**	0
Hrscore:		**Lat Sec:**	0
Hrsdate:		**Lat Dir:**	
Groundwater Contam:		**Long Deg:**	0
GW Code:	NOT REPORTED	**Long Min:**	0
No Sources:	0	**Long Sec:**	0
RWQCB Name:	SAN DIEGO	**Long Dir:**	
Branch Name:	SOUTHERN CA. - B	**Llmethod:**	
Staff:	JABRAHAM	**Lldesc:**	
Senior:	MMONROY		
Status Name:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY		
Type Name:	N/A		
Lead Name:	N/A		
SIC Name:	MANU - TRANSPORTATION EQUIPMENT		
Filename:			
Comments:			

FACILITY IDENTIFIED ID VIA 50 PHONE BOOK ROHR FORMER EMPLOYEE: HAD AN EVAP POND -DUMP PAINT WASTES 5 OR 6 YRS AGO FACILITY DRIVE-BY ASP. SITE TOO LARGE TO VIEW FROM STREET OBSERVATION VERY DIFFICULT. APCD. CHEM MILLING ACID TANK-USED NITRIC HYDROCHLORIC ACIDS NICL3,SULFRIC ACID & FECL3; VAPOR DEGREASE-1.1.1.TCE;NICKEL/ TITANIUM CLEANING & ETCH SYSTEM-NITRIC HYDROFLUORIC ACID,ALK CLEANER & AMMONIUM BIFLOURIDE; NICKEL/COPPER/SILVER CLEANIG & PLATING SYSTEM-COPPER FLUOBORATE,FLUOB ORIC ACID,COPPER ANODES,NICKEL SULFATE, NICKEL CHLORIDE,BORIC ACID,NICKEL ANODES SILVER CYANIDE,POTASSIUM CYANIDE,SILVER ANODES; CHROMIC ANODIC ETCH-CHROMIC ACID CADMIUM PLATE-CADMIUM ANODES,SODIUM CYAN SODIUM HYDROXIDE,SODIUM CARBONATE WATER UTILITIES DEPT. PRETREATMENT SYS DEEMED EXCELLENT BY WATER UTILITIES. FILTER CAKE CONTAINS ALL HZD WASTE FROM ALL WASTEWATER PRODUCED VIOLATION DETECTED LARGE FISH KILL DUE TO SPILL OF PAINT INSPECTION(LOCAL) CO HMMB.HAZ GENERATOR INSP. TREATMENT & DEGREASING. RECOM DATING OF STORAGE DRUM TO INSURE STORE < 90DAYS INSPECTION(STATE) DFG. SPILL VIO INSP. VIOLATION DETECTED SPILL OF GREEM MATL TO TIDELANDS.(DFG) ENFORCEMENT ACTION DFG PREPARING PROSECUTION CASE FOR ILLEGALLY DUMPING SOLVENT MATL TO STORM DRAIN PERMIT(OTHER) PERMIT: INDUST MATL PERMITS FROM CITY WATER UTILITIES DEPT, CO HMMS ASP SURVEY 11/9/81 - 1)SOURCE ACT: MFG OF AEROSPACE COMPONENTS,DEGREASING,PLATG PAINTING,ANODIZE 2)YR OF OPER: 1940-PRSN SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012 INSPECTION(LOCAL) (& 2/5/85) COUNTY INSP. SOME VIOS. PAINT ILLEGALLY DISP IN DUMPSTER, PCBS DISCH ONTO GROUND. WASTE NOT STORED IN LABELED CONTAINERS. REPORTED FOR PROP65 ON CORTESE LIST CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC. RCRA generator. Refer County.

Background:

7	39 of 39	SSW	0.01 / 72.12	13.84 / -5	**ROHR COGENERATION PLANT** **FOOT OF H ST GATE 66** **CHULA VISTA CA 920120000**	HAZ GEN

Epa ID:	CAD981967284	**Facility County:**	37
Address 2:		**County:**	San Diego
Details DTSC HWTS:	The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search		
Handler Profile URL:	https://hwts.dtsc.ca.gov/facility/CAD981967284		

8	1 of 10	NNW	0.02 / 91.73	26.58 / 8	**THERMO KING OF SAN DIEGO, INC.** **340 BAY BOULEVARD** **CHULA VISTA CA 92010**	CERCLIS

Site ID:	0904766	**RNPL Status Code:**	N
Site EPA ID:	CAD983658428	**NPL Status:**	Not on the NPL
Site Street Address 2:		**RFED Facility Code:**	N
Site County Name:	SAN DIEGO	**RFED Facility Desc:**	Not a Federal Facility
Site FIPS Code:	06073	**USGS Hydro Unit No.:**	18070304
Region Code:	09	**Site Cong. Dist. Code:**	44
Site SMSA No.:	7320	**ROT Desc:**	Private
Site Prim. Latitude:	03D23M84S	**FR NPL Update No.:**	
Site Prim. Longitude:	117D03M06S	**RFRA Code:**	
Lat Long Source:			
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	
Act Code ID:		***Act Start Date:***	
RAT Code:		***Act Complete Date:***	
RAT Short Name:		***AGT Order No.:***	0
RAT Name:		***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:		***SH Seq:***	
RAT Level:		***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:			
RAT Def:			
Site Desc:	No description available .		
Site Alias:	BANNISTER STEEL COMPANY,338 WEST BAY,CHULA VISTA,CA,92010;		

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA In-House
Act Code ID:	001	***Act Start Date:***	
RAT Code:	VS	***Act Complete Date:***	1/4/1994 00:00:00
RAT Short Name:	ARCH SITE	***AGT Order No.:***	1500
RAT Name:	ARCHIVE SITE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		
RAT Def:	The decision is made that no further activity is planned at the site.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	DS	***Act Complete Date:***	2/8/1993 00:00:00
RAT Short Name:	DISCVRY	***AGT Order No.:***	10
RAT Name:	DISCOVERY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	PA	***Act Complete Date:***	1/4/1994 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
Site Desc:			
Site Alias:			

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8 | **2 of 10** | **NNW** | **0.02 / 91.73** | **26.58 / 8** | **THERMO KING OF SAN DIEGO, INC.**
340 BAY BOULEVARD
CHULA VISTA CA 92010 | **CERCLIS NFRAP**

Site ID:	904766	**Site FIPS Code:**	6073
Site EPA ID:	CAD983658428	**Region Code:**	9
Site Parent ID:		**Site Cong. Dist. Code:**	44
Site County Name:	SAN DIEGO	**Federal Facility:**	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	2/8/1993
RAT Code:	DS	**AGT Order No.:**	10
RAT Short Name:	DISCVRY	**SH OU:**	
RAT Name:	DISCOVERY	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	1/4/1994
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	
RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	1/4/1994
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

8	3 of 10	NNW	0.02 / 91.73	26.58 / 8	FORMERLY THERMO KING 340 BAY BLVD Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1991-LSAM-H31018-001	**BOS District:**	1
Record ID (DEH):	DEH1991-LSAM-H31018-001	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	5/7/1997, 8:00 PM
ID:	2512	**Opened Date:**	8/29/1991, 8:00 PM
Object ID:	2510	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T0608199629	**Jurisdiction:**	CHULA VISTA
Feature ID:	5670223500	**Census Tract:**	126.00
Parcel No:	567-022-35-00	**Watershed Basin:**	909.12
Case No:	H31018-001	**GT Global ID:**	T0608199629
H No:	H31018	**GT RB Case No:**	1639000
KIVA per Tp per No:	6SAM H31018	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	08/30/1991	**GT Latitude:**	32.634409
Per Type:	LWQD	**GT Longitude:**	-117.099078
Primary Parcel:	YES	**Latitude GS84:**	32.6343716
Primary Address:	YES	**Longitude GS84:**	-117.0991153
Address Type:	MASTER	**Point X:**	6300299.5800513
City:	CHULA VISTA	**Point Y:**	1811671.10991015
Community:	Chula Vista	**X:**	6300262.629
Zip Code:	91910	**Y:**	1811672.245
Zip Community:	91910	**X1:**	-117.09895851071879
Agency Name:	COSD	**Y1:**	32.63440715241671

Project Name:	FORMERLY THERMO KING
Address:	340 BAY BLVD, CHULA VISTA CA 91910
Historical Name:	FORMER THERMO-KING FACILITY
Record Name:	FORMERLY THERMO KING
Street String:	340 BAY BLVD
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Completed - Case Closed
Case Type:	VAP - Voluntary Assistance Program
Funding:	V - Private - VAP
Geo SRC:	Mapped to XY from previous SAM Layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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8	4 of 10	NNW	0.02 / 91.73	26.58 / 8	FORMERLY THERMO KING 340 BAY BL CHULA VISTA CA 91910	CLEANUP SITES

Global ID:	T0608199629	**Latitude:**	32.634409
County:	SAN DIEGO	**Longitude:**	-117.099078
Status Date:	6/5/2007		
Status:	COMPLETED - CASE CLOSED		
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 1639000
Local Case No: H31018-001
Begin Date: 6/4/1991
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency: SAN DIEGO COUNTY LOP
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: * Chlorinated Hydrocarbons
How Discovered:
Stop Method: Other Means
Stop Description: OTHER MEANS
Case Worker: JS
Military DoD Site: No
Leak Reported Dt: 1991-08-30 00:00:00
No Further Action Dt: 2007-06-05 00:00:00
Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source: Google Geocode
Discharge Cause: Other
Discharge Source: Other
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 1991-06-04 00:00:00

Status: Completed - Case Closed
Status Date: 2007-06-05 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: JON SENAHA
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: jon.senaha@sdcounty.ca.gov
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:

Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608199629
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/5/2007
Potential COC: CHLORINATED HYDROCARBONS
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H31018-001
CASEWORKER: JON SENAHA
SAN DIEGO RWQCB (REGION 9) - CASE #: 1639000
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608199629&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 6/6/2007
Received Issue Date: 6/6/2007
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608199629&enforcement_id=6398932&temptable=ENFORCEMENT
Title Description Comments:

H31018-001 Closure Documents

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 5/1/1992
Received Issue Date: 5/1/1992
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608199629&doc_id=5761034
Title Description Comments:

350-360 Bay Boulevard Lead, Pesticide and Polychlorinated Biphenyl Soil Sampling Report

Action Type: Leak Action
Action: Leak Reported
Action Date: 8/30/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 6/4/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 6/4/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 6/4/1991
Received Issue Date:

Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 6/8/2007
Type: LETTER ***Submitted:***
Submitted By: (REGULATOR)
Title: H31018-001
Title Link: https://geotracker.waterboards.ca.gov/site_documents/5920292496/1424%5F001%2Epdf

Document Type: Site Documents ***Document Date:*** 6/6/2007
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H31018-001 CLOSURE DOCUMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608199629&enforcement_id=6398932

Document Type: Site Documents ***Document Date:*** 5/1/1992
Type: SOIL AND WATER INVESTIGATION REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: 350-360 BAY BOULEVARD LEAD, PESTICIDE AND POLYCHLORINATED BIPHENYL SOIL SAMPLING REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608199629&document_id=5761034

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 6/5/2007

Status: Open - Case Begin Date
Date: 6/4/1991

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description:
Identifier: T10000011095
Project Name: Goodrich Aerostructures - North Campus - Eastern Parcel A
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000011095
Address: 850 Lagoon Drive
City: CHULA VISTA
Status: OPEN - SITE ASSESSMENT

8	5 of 10	NNW	0.02 / 91.73	26.58 / 8	FORMERLY THERMO KING 340 BAY BLVD, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID: DEH2002-HUPFP-131018 ***GIS Record ID:*** DEH2002-HUPFP-131018
Facility Name: ***GIS Facility City:*** CHULA VISTA
Facility City: ***GIS Facility ZipCode:*** 91910
Facility ZipCode: ***GIS Fac Latitude:*** 32.6343716
Facility Latitude: ***GIS Fac Longitude:*** -117.0991153
Facility Longitude:
Facility Address:
GIS Facility Name: FORMERLY THERMO KING
GIS Facility Address: 340 BAY BLVD, CHULA VISTA, CA 91910
Tank Owner Name:

HMD Permits Map Data

GIS Facility ID: ***Status:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

GIS CERS ID:		**ER Contact:**	
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	**ER Con Work Ph:**	
Per Type:		**Census Tract:**	
Per Sub Type:		**Parcel Zip:**	
Per Cat:		**Community:**	
Record Status:	Completed	**Jurisdiction:**	
HW Tier:		**Basin No:**	
LRG QTY MW Gener:		**BOS Dist:**	
EPA ID No:		**Tbpg Grid:**	
RMP CAL ARP:		**Insp Dist:**	
Tank Owner:		**Feature ID:**	5670223500
SIC Code:		**X Coord:**	6300262.629
NAICS Code:		**Y Coord:**	1811672.245
Disclose Qty Haz Mat:		**Kiva Per Typ:**	HK07 131018
Exp Date:		**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6300262.62901
UST Facility:		**Point Y:**	1811672.24508
Total No USTs:		**Lat GS84:**	32.6343716
No of Tanks:		**Lon GS84:**	-117.0991153
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:		**Side:**	
Recycle100:		**X Map Coord:**	-117.09907855782421
Onsite Haz Waste Tre:		**Y Map Coord:**	32.63440944526278
RCRA LRG Qty:		**User Fld:**	
Haz Wst Coll Site:		**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:		**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:		**ARC State:**	
Hazmat Rad:		**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:		**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:		**Bill Code 2:**	
Site Address:		**Bill Code 3:**	
Parcel No:	567-022-35-00	**Univ Waste Gen Type:**	
Record Ali:	Unified Program Facility Permit		
Address:	340 BAY BLVD		
Business Type:			
Bill Code:			
ER Con Name:			
ER Con Title:			
Water Purv:			
Fire Agency:			
Geo SRC:	Mapped to record APN/parcel center XY		
Match Addr:			
Hirt Flag:			
Frhmbp Report Filename:			
Frhmbp Sitemap Filename:			

8	6 of 10	NNW	0.02 / 91.73	26.58 / 8	1X CITY OF CHULA VISTA/ENGNRG DEPT 340 BAY BLVD CHULA VISTA CA 920100000	HAZNET

SIC Code:		**Mailing City:**	SAN DIEGO
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000582976	**Mailing Zip:**	921130000
Create Date:	4/10/1991	**Region Code:**	4
Fac Act Ind:	No	**Owner Name:**	CITY OF CHULA VISTA
Inact Date:	10/25/2000	**Owner Addr 1:**	--
County Code:	37	**Owner Addr 2:**	
County Name:	San Diego	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	--	**Owner Zip:**	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Mailing Addr 2: **Owner Phone:** 0000000000
Owner Fax:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC000582976

8	7 of 10	NNW	0.02 / 91.73	26.58 / 8	THERMO KING 340 BAY CLUB CHULA VISTA CA 920100000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAD982335564
Create Date: 6/17/1988
Fac Act Ind: No
Inact Date: 1/1/1995
County Code: 37
County Name: San Diego
Mail Name:
Mailing Addr 1: 340 BAY CLUB
Mailing Addr 2:
Owner Fax:
Mailing City: CHULA VISTA
Mailing State: CA
Mailing Zip: 920100000
Region Code: 4
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAD982335564

8	8 of 10	NNW	0.02 / 91.73	26.58 / 8	340 BAY CLUB CHULA VISTA CA 920100000	HIST MANIFEST

Gen EPA ID: CAD982335564
Create Date: 6/17/1988 0:00:00
Inact Date: 01/01/1995 0:00
Facility Mail Street: 340 BAY CLUB
Facility Mail City: CHULA VISTA
Facility Mail State: CA
Facility Mail Zip: 920100000
Contact Phone(s): --
File Year(s): 1988
Contact Name(s): INACTIVATED UNDELIVERABLE MAIL

Tanner Information

State Waste Code: 451
Year: 1988
Tons: 0.06
Method Code: D99
State Waste Code Desc: Degreasing sludge
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

8	9 of 10	NNW	0.02 / 91.73	26.58 / 8	THERMO KING OF SAN DIEGO, INC. 340 BAY BOULEVARD CHULA VISTA CA 92010	SEMS ARCHIVE

Site ID: 0904766
EPA ID: CAD983658428
Superfund Alt Agmt: No
Federal Facility: No
FF Docket: No
NPL: Not on the NPL
FIPS Code: 06073
Cong District: 44
Region: 09
County: SAN DIEGO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Action Information

Operable Units:	00	**Start Actual:**	
Action Code:	VS	**Finish Actual:**	01/04/1994
Action Name:	ARCH SITE	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf In-Hse
Operable Units:	00	**Start Actual:**	
Action Code:	PA	**Finish Actual:**	01/04/1994
Action Name:	PA	**Qual:**	N
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	02/08/1993
Action Code:	DS	**Finish Actual:**	02/08/1993
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf

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8 | ***10 of 10*** | ***NNW*** | ***0.02 / 91.73*** | ***26.58 / 8*** | ***FORMERLY THERMO KING***
340 BAY BL
CHULA VISTA CA 91910 | ***FINDS/FRS***

Registry ID:	110065497135
FIPS Code:	
HUC Code:	18070304
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	13-OCT-15
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	CALEPA
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	51
Census Block Code:	060730126001003
EPA Region Code:	09
County Name:	SAN DIEGO
US/Mexico Border Ind:	Yes
Latitude:	32.634409
Longitude:	-117.099078
Reference Point:	
Coord Collection Method:	UNKNOWN
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110065497135
Program Acronyms:	

CA-ENVIROVIEW:207638

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9 | ***1 of 1*** | ***W*** | ***0.04 / 195.79*** | ***13.19 / -5*** | ***SDG&E - MONTGOMERY SUBSTATION***
G ST, 0.3 MILES W/OF BAY BL
CHULA VISTA CA 91910 | ***HAZ SANDIEGO***

Record ID:	DEH2008-HUPFP-210011	**GIS Record ID:**	DEH2008-HUPFP-210011

Facility Name:	SDG&E - MONTGOMERY SUBSTATION	**GIS Facility City:**	CHULA VISTA
Facility City:	CHULA VISTA	**GIS Facility ZipCode:**	91910
Facility ZipCode:	91910	**GIS Fac Latitude:**	32.6316677
Facility Latitude:		**GIS Fac Longitude:**	-117.099372
Facility Longitude:			

Facility Address: G ST, 0.3 MILES W/OF BAY BL
GIS Facility Name: SDG&E - MONTGOMERY SUBSTATION
GIS Facility Address: G ST, 0.3 MILES W/OF BAY BL, CHULA VISTA, CA 91910
Tank Owner Name:

Hazardous Materials Facility Data

CERS ID:	10358320	**Onsite H Waste Trtmt:**	false
Facility ID No:	37-000-210011	**Haz Mat on Site:**	true
EPA ID No:		**Haz Waste Generator:**	false
Active Permit:	true	**Own/Oper Under:**	false
Permit Status:	Permit Renewed	**Own/Oper Above:**	false
Bus. Phone:	619-441-3906	**Recycle:**	false
Bus. Fax:	0	**RCRA Large Qty Gen:**	false
Last Updated:	04/15/2022 01:19:02 AM	**HHW Collection:**	false

New Georeferenced Column:
Mailing Address: 8315 Century Park Ct., CP21L, San Diego, CA 92123

Hazardous Waste and Materials

ID:	139981	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2018-HCHEM-0172941	**Active Permit:**	true
CAS No:	MIXTURE	**Haz Material Type:**	Mixture
Last Updated:	07/07/2018 02:31:26 AM	**Trade Secret:**	false

Chemical Name: DIALA OIL AX
Common Name Inventory: DIELECTRIC OIL (MINERAL OIL)

ID:	48518	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2016-HCHEM-0120293	**Active Permit:**	true
CAS No:	7664-93-9	**Haz Material Type:**	Mixture
Last Updated:	11/24/2016 12:46:11 AM	**Trade Secret:**	false

Chemical Name: Electrolyte/sulfuric Acid
Common Name Inventory: LEAD ACID BATTERIES

ID:	422260	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2021-HCHEM-0292791	**Active Permit:**	true
CAS No:	7664-93-9	**Haz Material Type:**	Mixture
Last Updated:	07/08/2021 02:42:20 AM	**Trade Secret:**	false

Chemical Name: Electrolyte/sulfuric Acid
Common Name Inventory: LEAD ACID BATTERIES

ID:	125289	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2017-HCHEM-0164437	**Active Permit:**	true
CAS No:	2551-62-4	**Haz Material Type:**	Pure
Last Updated:	12/28/2017 12:43:12 AM	**Trade Secret:**	false

Chemical Name: Sulfur Hexafluoride
Common Name Inventory: SF6 gas

ID:	486045	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2022-HCHEM-0326698	**Active Permit:**	true
CAS No:	2551-62-4	**Haz Material Type:**	Pure
Last Updated:	04/15/2022 01:19:02 AM	**Trade Secret:**	false

Chemical Name: Sulfur Hexafluoride
Common Name Inventory: SF6 gas

ID:	125290	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2017-HCHEM-0164438	**Active Permit:**	true
CAS No:	7664-93-9	**Haz Material Type:**	Mixture
Last Updated:	12/28/2017 12:43:12 AM	**Trade Secret:**	false

Chemical Name: Electrolyte/sulfuric Acid
Common Name Inventory: LEAD ACID BATTERIES

ID: 48517 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0120292 **Active Permit:** true
CAS No: 2551-62-4 **Haz Material Type:** Pure
Last Updated: 11/24/2016 12:46:11 AM **Trade Secret:** false
Chemical Name: Sulfur Hexafluoride
Common Name Inventory: SF6 gas

ID: 125288 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0164436 **Active Permit:** true
CAS No: MIXTURE **Haz Material Type:** Mixture
Last Updated: 12/28/2017 12:43:12 AM **Trade Secret:** false
Chemical Name: DIALA OIL AX
Common Name Inventory: DIELECTRIC OIL (MINERAL OIL)

ID: 99334 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0133807 **Active Permit:** true
CAS No: 7664-93-9 **Haz Material Type:** Mixture
Last Updated: 07/18/2017 02:33:04 AM **Trade Secret:** false
Chemical Name: Electrolyte/sulfuric Acid
Common Name Inventory: LEAD ACID BATTERIES

ID: 99333 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0133806 **Active Permit:** true
CAS No: 2551-62-4 **Haz Material Type:** Pure
Last Updated: 07/18/2017 02:33:04 AM **Trade Secret:** false
Chemical Name: Sulfur Hexafluoride
Common Name Inventory: SF6 gas

ID: 486044 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0326697 **Active Permit:** true
CAS No: MIXTURE **Haz Material Type:** Mixture
Last Updated: 04/15/2022 01:19:02 AM **Trade Secret:** false
Chemical Name: DIALA OIL AX
Common Name Inventory: DIELECTRIC OIL (MINERAL OIL)

ID: 48516 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0120291 **Active Permit:** true
CAS No: MIXTURE **Haz Material Type:** Mixture
Last Updated: 11/24/2016 12:46:11 AM **Trade Secret:** false
Chemical Name: DIALA OIL AX
Common Name Inventory: DIELECTRIC OIL (MINERAL OIL)

ID: 139982 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0172942 **Active Permit:** true
CAS No: 2551-62-4 **Haz Material Type:** Pure
Last Updated: 07/07/2018 02:31:26 AM **Trade Secret:** false
Chemical Name: Sulfur Hexafluoride
Common Name Inventory: SF6 gas

ID: 486046 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0326699 **Active Permit:** true
CAS No: 7664-93-9 **Haz Material Type:** Mixture
Last Updated: 04/15/2022 01:19:02 AM **Trade Secret:** false
Chemical Name: Electrolyte/sulfuric Acid
Common Name Inventory: LEAD ACID BATTERIES

ID: 223741 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0217431 **Active Permit:** true
CAS No: 7664-93-9 **Haz Material Type:** Mixture
Last Updated: 07/17/2019 02:34:08 AM **Trade Secret:** false
Chemical Name: Electrolyte/sulfuric Acid
Common Name Inventory: LEAD ACID BATTERIES

ID: 422259 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0292790 **Active Permit:** true
CAS No: 2551-62-4 **Haz Material Type:** Pure
Last Updated: 07/08/2021 02:42:20 AM **Trade Secret:** false
Chemical Name: Sulfur Hexafluoride
Common Name Inventory: SF6 gas

ID: 223739
Child Record ID: DEH2019-HCHEM-0217429
CAS No: MIXTURE
Last Updated: 07/17/2019 02:34:08 AM
Chemical Name: DIALA OIL AX
Common Name Inventory: DIELECTRIC OIL (MINERAL OIL)
Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Mixture
Trade Secret: false

ID: 139983
Child Record ID: DEH2018-HCHEM-0172943
CAS No: 7664-93-9
Last Updated: 07/07/2018 02:31:26 AM
Chemical Name: Electrolyte/sulfuric Acid
Common Name Inventory: LEAD ACID BATTERIES
Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Mixture
Trade Secret: false

ID: 99332
Child Record ID: DEH2017-HCHEM-0133805
CAS No: MIXTURE
Last Updated: 07/18/2017 02:33:04 AM
Chemical Name: DIALA OIL AX
Common Name Inventory: DIELECTRIC OIL (MINERAL OIL)
Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Mixture
Trade Secret: false

ID: 223740
Child Record ID: DEH2019-HCHEM-0217430
CAS No: 2551-62-4
Last Updated: 07/17/2019 02:34:08 AM
Chemical Name: Sulfur Hexafluoride
Common Name Inventory: SF6 gas
Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Pure
Trade Secret: false

ID: 422258
Child Record ID: DEH2021-HCHEM-0292789
CAS No: MIXTURE
Last Updated: 07/08/2021 02:42:20 AM
Chemical Name: DIALA OIL AX
Common Name Inventory: DIELECTRIC OIL (MINERAL OIL)
Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Mixture
Trade Secret: false

HMD Permits Map Data

GIS Facility ID: 37-000-210011
GIS CERS ID: 10358320
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility
Per Type:
Per Sub Type:
Per Cat:
Record Status: Permit Renewed
HW Tier: Not Applicable
LRG QTY MW Gener: No
EPA ID No:
RMP CAL ARP: Not Applicable
Tank Owner:
SIC Code: 4939
NAICS Code:
Disclose Qty Haz Mat: Y
Exp Date: 7/30/2020
Own/Operate USTs :
UST Facility:
Total No USTs:
No of Tanks:
Own Oper APS: N
Tot APSA Cap: 0
Capacity LR:
Haz Waste G: N
Recycle100: N
Onsite Haz Waste Tre: N
RCRA LRG Qty: N
Haz Wst Coll Site: N
Accept Offs: N
Universal Waste Han: N
Status:
ER Contact: 619-725-5100
ER Con Work Ph: 858-650-4043
Census Tract: 126.00
Parcel Zip: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Basin No: 909.12
BOS Dist: 1
Tbpg Grid:
Insp Dist: HS014
Feature ID:
X Coord: 6300192.265
Y Coord: 1810691.267
Kiva Per Typ: HK18 210011
Agency Name: COSD
Point X: 6300192.265
Point Y: 1810691.26700002
Lat GS84: 32.6316677
Lon GS84: -117.099372
Loc Name:
Score:
Match Type:
Side:
X Map Coord: -117.09928114690238
Y Map Coord: 32.631711839377786
User Fld:
Addr Type:
ARC Address:
ARC City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Toxic Gas:	No	**ARC Zipcode:**	
Hazmat EHS:	N	**ARC State:**	
Hazmat Rad:	No	**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:	SDG&E	**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:	858-650-6171	**Bill Code 2:**	Not Applicable
Site Address:	G ST, 0.3 MILES W/OF BAY BL	**Bill Code 3:**	Not Applicable
Parcel No:		**Univ Waste Gen Type:**	

Record Ali:	Unified Program Facility Permit
Address:	G ST, 0.3 MILES W/OF BAY BL
Business Type:	Public Utilities-Not Fleet Fuel Facility
Bill Code:	Hold
ER Con Name:	Sheri L. Gates
ER Con Title:	Substation Const. & Mtce Ops Mgr
Water Purv:	SOUTH BAY IRRIGATION LAND
Fire Agency:	CHULA VISTA
Geo SRC:	Mapped to record APN/Parcel XY center
Match Addr:	
Hirt Flag:	No
Frhmbp Report Filename:	HMBP210011.pdf
Frhmbp Sitemap Filename:	MAP_210011.pdf

10	1 of 1	W	0.05 / 287.71	12.12 / -6	**SDG&E - MONTGOMERY SUBSTATION** **G ST, 0.3 MILES W/OF BAY BL** **CHULA VISTA CA 91910**	CERS HAZ

Site ID:	152081
Latitude:	32.631700
Longitude:	-117.099700
County:	

Regulated Programs

EI ID:	10358320	**EI Description:**	Chemical Storage Facilities

Evaluations

Eval Date:	04/15/2019
Violations Found:	No
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval Notes:	

Inspector: Rosales Jennifer Inspection ID:6137892; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date:	03/30/2017
Violations Found:	No
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval Notes:	

Inspector: Villena Elaine Inspection ID:5646636; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date:	04/14/2015
Violations Found:	No

Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Martinez Wendy Inspection ID:5205078; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/13/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:6903719; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Document Preparer
Entity Name: Nicholas Eutsler
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Nicholas Eutsler
Entity Title:
Address: 8315 Century Park Ct., CP21L
City: San Diego
State: CA
Country:
Zip Code: 92123
Phone:

Affil Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title:
Address: PO Box 129261
City: San Diego
State: CA
Country:
Zip Code: 92112-9261
Phone: (858) 505-6880

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 8315 Century Park Ct., CP21L
City: San Diego
State: CA
Country:
Zip Code: 92123
Phone:

Affil Type Desc: Property Owner
Entity Name: SAN DIEGO GAS & ELECTRIC
Entity Title:
Address: 8315 Century Park Ct., CP21L

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City:	San Diego
State:	CA
Country:	United States
Zip Code:	92123
Phone:	(858) 654-1229

Affil Type Desc:	Legal Owner
Entity Name:	San Diego Gas & Electric
Entity Title:	
Address:	8315 CENTURY PARK CT, CP21L
City:	SAN DIEGO
State:	CA
Country:	United States
Zip Code:	92123
Phone:	(619) 676-7013

Affil Type Desc:	Identification Signer
Entity Name:	Nicholas Eutsler
Entity Title:	Facility Env. Specialist
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Operator
Entity Name:	San Diego Gas & Electric
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(858) 354-8440

Affil Type Desc:	Parent Corporation
Entity Name:	SDG&E
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	1 of 5	NNW	0.08 / 410.96	26.47 / 8	RADOS, CHULA VISTA CITY, REDEVELOP. 798 F ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH2005-LSAM-H39651-002	**BOS District:**	1
Record ID (DEH):	DEH2005-LSAM-H39651-002	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	10/24/2005, 8:00 PM
ID:	5687	**Opened Date:**	10/24/2005, 8:00 PM
Object ID:	5683	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T06019719942	**Jurisdiction:**	CHULA VISTA
Feature ID:	5670220100	**Census Tract:**	126.00
Parcel No:	567-022-01-00	**Watershed Basin:**	909.12
Case No:	H39651-002	**GT Global ID:**	T06019719942
H No:	H39651	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H39651	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	10/25/2005	**GT Latitude:**	32.635106
Per Type:	LWQD	**GT Longitude:**	-117.099665

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Parcel:	YES	**Latitude GS84:**	32.6350278
Primary Address:	YES	**Longitude GS84:**	-117.0996347
Address Type:	ALIAS	**Point X:**	6300109.53548388
City:	CHULA VISTA	**Point Y:**	1811865.59213273
Community:	Chula Vista	**X:**	6300084.1
Zip Code:	91910	**Y:**	1811927.318
Zip Community:	91910	**X1:**	-117.09958092312947
Agency Name:	COSD	**Y1:**	32.63493739535713

Project Name: RADOS, CHULA VISTA CITY, REDEVELOP.
Address: 798 F ST, CHULA VISTA CA 91910
Historical Name: RADOS
Record Name: RADOS, CHULA VISTA CITY, REDEVELOP.
Street String: 798 F ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: VAP - Voluntary Assistance Program
Funding: V - Private - VAP
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	2 of 5	NNW	0.08 / 410.96	26.47 / 8	RADOS, CHULA VISTA CITY, REDEVELOP. 798 F ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH2004-LSAM-H39651-001	**BOS District:**	1
Record ID (DEH):	DEH2004-LSAM-H39651-001	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	5/4/2004, 8:00 PM
ID:	5582	**Opened Date:**	5/4/2004, 8:00 PM
Object ID:	5578	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T06019723044	**Jurisdiction:**	CHULA VISTA
Feature ID:	5670220100	**Census Tract:**	126.00
Parcel No:	567-022-01-00	**Watershed Basin:**	909.12
Case No:	H39651-001	**GT Global ID:**	T06019723044
H No:	H39651	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H39651	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	05/05/2004	**GT Latitude:**	32.63514879
Per Type:	LWQD	**GT Longitude:**	-117.09936079
Primary Parcel:	YES	**Latitude GS84:**	32.6350278
Primary Address:	YES	**Longitude GS84:**	-117.0996347
Address Type:	ALIAS	**Point X:**	6300109.53548388
City:	CHULA VISTA	**Point Y:**	1811865.59213273
Community:	Chula Vista	**X:**	6300084.1
Zip Code:	91910	**Y:**	1811927.318
Zip Community:	91910	**X1:**	-117.09958092312947
Agency Name:	COSD	**Y1:**	32.63493739535713

Project Name: RADOS, CHULA VISTA CITY, REDEVELOP.
Address: 798 F ST, CHULA VISTA CA 91910
Historical Name: RADOS, CHULA VISTA CITY, REDEVELOP.
Record Name: RADOS, CHULA VISTA CITY, REDEVELOP.
Street String: 798 F ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: VAP - Voluntary Assistance Program
Funding: V - Private - VAP
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites					

11	3 of 5	NNW	0.08 / 410.96	26.47 / 8	RADOS, CHULA VISTA CITY, REDEVELOP. 798 F ST CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T06019723044
County: SAN DIEGO
Status Date: 12/14/2004
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 32.63514879222
Longitude: -117.099360791002

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H39651-001
Begin Date: 5/5/2004
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency: SAN DIEGO COUNTY LOP
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Polychlorinated biphenyls (PCBs)
How Discovered:
Stop Method: Other Means
Stop Description: OTHER MEANS
Case Worker: NS
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 2004-12-14 00:00:00
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause: Other
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2004-12-14 00:00:00

Status: Open - Case Begin Date
Status Date: 2004-05-05 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: NASSER SIONIT
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego

Email: nasser.sionit@sdcounty.ca.gov
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T06019723044
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/14/2004
Potential COC: POLYCHLORINATED BIPHENYLS (PCBS)
Potential Media of Concern: SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H39651-001
CASEWORKER: NASSER SIONIT
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T06019723044&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 12/14/2004
Received Issue Date: 12/14/2004
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T06019723044&enforcement_id=6383740&temptable=ENFORCEMENT
Title Description Comments:

H39651-001 Closure Documents

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 12/14/2004
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H39651-001 CLOSURE DOCUMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T06019723044&enforcement_id=6383740

Document Type: Site Documents ***Document Date:*** 11/7/2005
Type: ***Submitted:***
Submitted By: (REGULATOR)
Title: H39651-001
Title Link: https://geotracker.waterboards.ca.gov/site_documents/2256626725/H39651%2D001VAPCLO%2Epdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Case Begin Date
Date: 5/5/2004

Status: Completed - Case Closed
Date: 12/14/2004

11	4 of 5	NNW	0.08 / 410.96	26.47 / 8	RADOS, CHULA VISTA CITY, REDEVELOP. 798 F ST CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T06019719942
County: SAN DIEGO
Status Date: 2/16/2006
Latitude: 32.635106
Longitude: -117.099665
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H39651-002
Begin Date: 10/25/2005
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency: SAN DIEGO COUNTY LOP
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Waste Oil / Motor / Hydraulic / Lubricating
How Discovered:
Stop Method: Other Means
Stop Description: OTHER MEANS
Case Worker: NS
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 2006-02-16 00:00:00
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Geocode
Discharge Cause: Other
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2006-02-16 00:00:00

Status: Open - Case Begin Date
Status Date: 2005-10-25 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: NASSER SIONIT
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: nasser.sionit@sdcounty.ca.gov
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T06019719942
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/16/2006
Potential COC: WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern: SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H39651-002
CASEWORKER: NASSER SIONIT
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T06019719942&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 2/16/2006
Received Issue Date: 2/16/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T06019719942&enforcement_id=6375198&temptable=ENFORCEMENT
Title Description Comments:

H39651-002 Closure Documents

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents **Document Date:** 2/16/2006
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H39651-002 CLOSURE DOCUMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T06019719942&enforcement_id=6375198

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Case Begin Date
Date: 10/25/2005

Status: Completed - Case Closed
Date: 2/16/2006

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11 | ***5 of 5*** | ***NNW*** | ***0.08 / 410.96*** | ***26.47 / 8*** | ***RADOS***
798 LAGOON DR. (FORMER "F" STREET)
CHULA VISTA CA 91910 | ***ENVIROSTOR***

Estor/EPA ID: 37000014
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract:
Site Type: EVALUATION
Address Description: 798 LAGOON DR. (FORMER "F" STREET)
Office: CLEANUP CYPRESS
Special Program:
Funding: NOT APPLICABLE
Assembly District: 77
Senate District:
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SAN DIEGO
Latitude: 0
Longitude: 0
Acres: NONE SPECIFIED
Supervisor:
Cleanup Status: REFER: 1248 LOCAL AGENCY AS OF 5/10/2004
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: REFER: 1248 LOCAL AGENCY
Program Type: EVALUATION
CalEnviroScreen Score:
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=37000014

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12 | ***1 of 5*** | ***NW*** | ***0.08 / 441.55*** | ***19.17 / 1*** | ***ROHR TIES***
ROHR INDUSTRIES-H STREET I-5
CHULA VISTA CA 92218 | ***HHSS***

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002f263.pdf

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12 | ***2 of 5*** | ***NW*** | ***0.08 / 441.55*** | ***19.17 / 1*** | ***ROHR TIES STEAM PLANT***
ROHR CORPORATION FOOT OF "H" ST
CHULA VISTA CA 92012 | ***HHSS***

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ab7d.pdf

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12 | ***3 of 5*** | ***NW*** | ***0.08 / 441.55*** | ***19.17 / 1*** | ***ROHR INDUSTRIES INC***
FOOT OF H STREET I-5
CHULA VISTA CA 92012 | ***HHSS***

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002f223.pdf

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	4 of 5	NW	0.08 / 441.55	19.17 / 1	ROHR TIES ROHR INDUSTRIES-"H" STREET CHULA VISTA CA	HIST TANK

Owner Name: SAN DIEGO GAS & ELECTRIC
Owner Street: 101 ASH STREET
Owner City: SAN DIEGO
Owner State: CA
Owner Zip: 92101
No of Containers: 3
County: SAN DIEGO
Facility State: CA
Facility Zip: 92218

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	5 of 5	NW	0.08 / 441.55	19.17 / 1	ROHR TIES STEAM PLANT ROHR CORPORATION CHULA VISTA CA	HIST TANK

Owner Name: APPLIED ENERGY
Owner Street: 1495 PACIFIC HIGHWAY SUITE 400
Owner City: SAN DIEGO
Owner State: CA
Owner Zip: 92101
No of Containers: 2
County: SAN DIEGO
Facility State: CA
Facility Zip: 92012

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of 1	SE	0.10 / 521.71	24.85 / 6	PSIP WOHL BAY BOULEVARD LLC 795 H ST CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAL000462061
Gen Status Universe: No Report
Contact Name: CHAD LAYNE
Contact Address: 1835 ASTON AVE, CARLSBAD, CA, 92008,
Contact Phone No and Ext: 858-229-5743
Contact Email: CLAYNE@DEMPSEYCONSTRUCTION.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20210426
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210426
Handler Name:	PSIP WOHL BAY BOULEVARD LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2251 SAN DIEGO AVE #247-A
Name:	PSIP WOHL BAY BOULEVARD LLC	***Street 2:***	
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-296-4113	***Country:***	
Source Type:	Implementer	***Zip Code:***	92110
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1835 ASTON AVE
Name:	CHAD LAYNE	***Street 2:***	
Date Became Current:		***City:***	CARLSBAD
Date Ended Current:		***State:***	CA
Phone:	858-229-5743	***Country:***	
Source Type:	Implementer	***Zip Code:***	92008

14	*1 of 2*	*ENE*	*0.10 / 540.75*	*26.02 / 8*	***TASHA GRIFFIN*** ***410 COLORADO AVE UNIT B*** ***CHULA VISTA CA 91910***	***RCRA NON GEN***

EPA Handler ID:	CAC003108757
Gen Status Universe:	No Report
Contact Name:	TASHA GRIFFIN
Contact Address:	410 COLORADO AVE, UNIT B, CHULA VISTA, CA, 91910,
Contact Phone No and Ext:	310-569-5319
Contact Email:	TASHASANDIEGO2@YAHOO.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20210305
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No

Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210305
Handler Name: TASHA GRIFFIN
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: TASHA GRIFFIN
Date Became Current:
Date Ended Current:
Phone: 310-569-5319
Source Type: Implementer
Street No:
Street 1: 410 COLORADO AVE
Street 2: UNIT B
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910

Owner/Operator Ind: Current Owner
Type: Other
Name: TASHA GRIFFIN
Date Became Current:
Date Ended Current:
Phone: 310-569-5319
Source Type: Implementer
Street No:
Street 1: 410 COLORADO AVE
Street 2: UNIT B
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910

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14 | ***2 of 2*** | ***ENE*** | ***0.10 / 540.75*** | ***26.02 / 8*** | ***BRIZEIRA OJEDA***
410 COLORADO AVE UNIT D
CHULA VISTA CA 91910 | ***RCRA NON GEN***

EPA Handler ID: CAC003101605
Gen Status Universe: No Report
Contact Name: BRIZEIRA OJEDA
Contact Address: 410 COLORADO AVE UNIT D, CHULA VISTA, CA, 91910,
Contact Phone No and Ext: 619-638-2006
Contact Email: YVON.OJEDA@HOTMAIL.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20210119
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210119
Handler Name: BRIZEIRA OJEDA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: BRIZEIRA OJEDA
Date Became Current:
Date Ended Current:
Phone: 619-638-2006
Source Type: Implementer
Street No:
Street 1: 410 COLORADO AVE UNIT D
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910

Owner/Operator Ind: Current Owner
Type: Other
Name: BRIZEIRA OJEDA
Date Became Current:
Date Ended Current:
Phone: 619-638-2006
Source Type: Implementer
Street No:
Street 1: 410 COLORADO AVE UNIT D
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910

15	1 of 1	E	0.11 / 560.72	24.59 / 6	PALAFOX, FAUSTO 436 COLORADO AVE UNIT C CHULA VISTA CA 91910-4026	RCRA NON GEN

EPA Handler ID: CAC003100190
Gen Status Universe: No Report
Contact Name: PALAFOX, FAUSTO
Contact Address: 1240 INDIA ST, UNIT 2, SAN DIEGO, CA, 92101,
Contact Phone No and Ext: 619-818-9396
Contact Email: TIGERPALAFOX@GMAIL.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20210108
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210108
Handler Name:	PALAFOX, FAUSTO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1240 INDIA ST
Name:	PALAFOX, FAUSTO	**Street 2:**	UNIT 2
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-818-9396	**Country:**	
Source Type:	Implementer	**Zip Code:**	92101

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1240 INDIA ST
Name:	PALAFOX, FAUSTO	**Street 2:**	UNIT 2
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-818-9396	**Country:**	
Source Type:	Implementer	**Zip Code:**	92101

16	***1 of 1***	***ENE***	***0.11 / 564.92***	***25.82 / 7***	***MC INVESTMENT PARTNERS, LLC 423 COLORADO AVE D CHULA VISTA CA 91910***	***RCRA NON GEN***

EPA Handler ID:	CAC003069299
Gen Status Universe:	No Report
Contact Name:	MANOJ RAJEGOWDA
Contact Address:	1200 PROSPECT STREET, #320, LA JOLLA, CA, 92037,
Contact Phone No and Ext:	646-239-2669
Contact Email:	VANESSAPIZARRO@ALLIANCE-ENVIRO.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20200603
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200603
Handler Name:	MC INVESTMENT PARTNERS, LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1200 PROSPECT STREET
Name:	MC INVESTMENT PARTNERS, LLC	***Street 2:***	#320
Date Became Current:		***City:***	LA JOLLA
Date Ended Current:		***State:***	CA
Phone:	646-239-2669	***Country:***	
Source Type:	Implementer	***Zip Code:***	92037

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1200 PROSPECT STREET
Name:	MANOJ RAJEGOWDA	***Street 2:***	#320
Date Became Current:		***City:***	LA JOLLA
Date Ended Current:		***State:***	CA
Phone:	646-239-2669	***Country:***	
Source Type:	Implementer	***Zip Code:***	92037

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17 ***1 of 1*** ***S*** ***0.11 / 571.39*** ***11.45 / -7*** ***CA*** ***PFAS GW***

Well ID:	SL209294204-PMW107(UB)	***SRS Latitude:***	32.627283599999998
Gm Dataset Name:	WB_CLEANUP	***SRS Longitude:***	-117.097993
Gm Data Source:	GeoTracker	***Latitude:***	32.627283599999998
Gm Well Category:	MONITORING	***Longitude:***	-117.097993
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW107(UB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	6.1	***SRC Result:***	6.1
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:
SRC Chemical: PFPA
SRC Result: 2.7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .83
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: J,DX,CI
SRC Chemical: PFNDCA
SRC Result: .83
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Chemical: PFPA
SRC Result: 2.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .89
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: J,DX

SRC Chemical: PFNA
SRC Result: .89
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI

SRC Chemical: 8:2FTS
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

SRC Chemical: PFNS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.84	**SRC Result:**	.84
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	3.5	**SRC Result:**	3.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	MB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		

Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 6.9
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI

SRC Chemical: PFHXSA
SRC Result: 6.9
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

SRC Chemical: 10:2FTS
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	13	***SRC Result:***	13
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.65	**SRC Result:**	.65
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:
Gm Result: 1.3
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: J,DX,CI

SRC Chemical: PFBSA
SRC Result: 1.3
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

SRC Chemical: PFHPSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.9
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

SRC Chemical: PFHPA
SRC Result: 2.9
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		

Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:
SRC Chemical: PFTEDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:
SRC Chemical: PFOSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI
SRC Chemical: PFNS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFOSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	2.6	***SRC Result:***	2.6
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	10	***SRC Result:***	10
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .91
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: J,DX

SRC Chemical: PFNDCA
SRC Result: .91
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI

SRC Chemical: PFDSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: LR,CI

SRC Chemical: PFHXDA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		

Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	36.3
Gm Screen Bottom Depth Ft:	46.3
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1520
SRC Screen Top Depth Ft:	36.3
SRC Screen Bottom Depth Ft:	46.3
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	9.4	**SRC Result:**	9.4
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	8.1	***SRC Result:***	8.1
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

SRC Chemical: 6:2FTS
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: LR

SRC Chemical: PFHXDA
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 5.8
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI

SRC Chemical: PFHA
SRC Result: 5.8
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	1.3	**SRC Result:**	1.3
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	3.5	**SRC Result:**	3.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		

Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI
SRC Chemical: ADONA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: LR,CI
SRC Chemical: PFODA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 36.3
Gm Screen Bottom Depth Ft: 46.3
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1520
SRC Screen Top Depth Ft: 36.3
SRC Screen Bottom Depth Ft: 46.3
SRC Lab Note: CI
SRC Chemical: PFUNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	12	***SRC Result:***	12
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.77	***SRC Result:***	.77
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	36.3		
Gm Screen Bottom Depth Ft:	46.3		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1520		
SRC Screen Top Depth Ft:	36.3		
SRC Screen Bottom Depth Ft:	46.3		
SRC Lab Note:	CI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	1 of 29	WNW	0.11 / 585.90	21.02 / 3	SAN DIEGO UNIFIED PORT DISTRICT 850 LAGOON DRIVE CHULA VISTA CA 91910	RCRA TSD

EPA Handler ID:	CAC002577707
Gen Status Universe:	Small Quantity Generator
Contact Name:	LARRY MCCAULEY
Contact Address:	US
Contact Phone No and Ext:	619-866-6470
Contact Email:	
Contact Country:	US
Land Type:	District
County Name:	SAN DIEGO
EPA Region:	09
Receive Date:	20060228
Location Latitude:	32.635026
Location Longitude:	-117.101899

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No

Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20060228
Handler Name:	SAN DIEGO UNIFIED PORT DISTRICT
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code:	331
Waste Code Description:	Off-specification, aged, or surplus organics
Hazardous Waste Code:	213
Waste Code Description:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	214
Waste Code Description:	Unspecified solvent mixture

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20060228
Handler Name:	SAN DIEGO UNIFIED PORT DISTRICT
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	District	***Street 1:***	P.O. BOX 120448
Name:	PORT OF SAN DIEGO	***Street 2:***	
Date Became Current:	19630101	***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	92112
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	District	***Street 1:***	
Name:	LARRY MCCAULEY	***Street 2:***	
Date Became Current:	20040517	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	District	***Street 1:***	
Name:	LARRY MCCAULEY	***Street 2:***	
Date Became Current:	20040517	***City:***	
Date Ended Current:		***State:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	District	**Street 1:**	P.O. BOX 120448
Name:	PORT OF SAN DIEGO	**Street 2:**	
Date Became Current:	19630101	**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	92112

Historical Handler Details

Receive Dt:	20060228
Generator Code Description:	Large Quantity Generator
Handler Name:	SAN DIEGO UNIFIED PORT DISTRICT

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18 | ***2 of 29*** | ***WNW*** | ***0.11 / 585.90*** | ***21.02 / 3*** | ***SAN DIEGO UNIFIED PORT DISTRICT***
850 LAGOON DRIVE
CHULA VISTA CA 91910 | ***RCRA SQG***

EPA Handler ID:	CAC002577707
Gen Status Universe:	Small Quantity Generator
Contact Name:	LARRY MCCAULEY
Contact Address:	US
Contact Phone No and Ext:	619-866-6470
Contact Email:	
Contact Country:	US
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	District
Receive Date:	20060228
Location Latitude:	32.635026
Location Longitude:	-117.101899

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20060228

Handler Name: SAN DIEGO UNIFIED PORT DISTRICT
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060228
Handler Name: SAN DIEGO UNIFIED PORT DISTRICT
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 213
Waste Code Description: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	District	***Street 1:***	
Name:	LARRY MCCAULEY	***Street 2:***	
Date Became Current:	20040517	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	District	***Street 1:***	P.O. BOX 120448
Name:	PORT OF SAN DIEGO	***Street 2:***	
Date Became Current:	19630101	***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Implementer	***Zip Code:***	92112

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	District	***Street 1:***	
Name:	LARRY MCCAULEY	***Street 2:***	
Date Became Current:	20040517	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	District	***Street 1:***	P.O. BOX 120448
Name:	PORT OF SAN DIEGO	***Street 2:***	
Date Became Current:	19630101	***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	92112

Historical Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Dt: 20060228
Generator Code Description: Large Quantity Generator
Handler Name: SAN DIEGO UNIFIED PORT DISTRICT

18	3 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INC., A COLLINS AEROSPACE COMPANY 850 LAGOON DR CHULA VISTA CA 91910	RCRA LQG

EPA Handler ID: CAD008382053
Gen Status Universe: Large Quantity Generator
Contact Name: TYLER ADKINS
Contact Address: 850, LAGOON DR, MAILSTOP 107N-EHS, CHULA VISTA, CA, 91910, US
Contact Phone No and Ext: 619-691-2020
Contact Email: TYLER.ADKINS@COLLINS.COM
Contact Country: US
County Name: SAN DIEGO
EPA Region: 09
Land Type: Private
Receive Date: 20220224
Location Latitude: 32.635038
Location Longitude: -117.101894

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Nov, 2022.

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20060626
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20060714
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20060626
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 20040414
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 20040414
Violation Responsible Agency: State

Violation Details

Found Violation:	Yes
Citation:	FR - 262.10-12.A
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19840625
Scheduled Compliance Date:	19850531
Return to Compliance:	Observed
Actual Return to Compl:	19850610
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	120
Enforcement Type Description:	WRITTEN INFORMAL
Enforcement Action Date:	19850501
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Evaluation Details

Evaluation Start Date:	19840625
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Return to Compliance Date:	19850610
Evaluation Agency:	State

Evaluation Start Date:	20100610
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Evaluation Start Date:	20180427
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Evaluation Start Date:	20220209
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	EPA

Evaluation Start Date:	20210415
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Evaluation Start Date:	20060626
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Return to Compliance Date:	20060714
Evaluation Agency:	Local

Evaluation Start Date:	19850610
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION

Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20151105
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20040414
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 20040414
Evaluation Agency: State Contractor/Grantee

Evaluation Start Date: 20130812
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20180226
Handler Name: ROHR INC DBA GOODRICH AEROSTRUCTURES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: 792
Waste Code Description: Liquids with pH < 2 with metals

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 121
Waste Code Description: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 172
Waste Code Description: Metal dust (see 121) and machining waste

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: 261
Waste Code Description: Polychlorinated biphenyls and material containing PCB's

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 171
Waste Code Description: Metal sludge (see 121)

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: 513
Waste Code Description: Empty containers less than 30 gallons

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: 241
Waste Code Description: Tank bottom waste

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 132
Waste Code Description: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: 711
Waste Code Description: Liquids with cyanides > 1000 mg/l

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: ROHR INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1

Receive Date: 19900411
Handler Name: ROHR INDUSTRIES INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020228
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: U080
Waste Code Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: P012
Waste Code Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U134
Waste Code Description: HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100615
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 241
Waste Code Description: Tank bottom waste

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 121
Waste Code Description: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Hazardous Waste Code: 171

Waste Code Description: Metal sludge (see 121)

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: 792
Waste Code Description: Liquids with pH < 2 with metals

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 172
Waste Code Description: Metal dust (see 121) and machining waste

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19980126
Handler Name: ROHR INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Source Type: Notification

Waste Code Details

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: F001
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY

VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940330
Handler Name: ROHR, INC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19990304
Handler Name: ROHR, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20080207
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20220224
Handler Name: ROHR INC., A COLLINS AEROSPACE COMPANY
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: 171
Waste Code Description: Metal sludge (see 121)

Hazardous Waste Code: 792
Waste Code Description: Liquids with pH < 2 with metals

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: 121

Waste Code Description:	Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	241
Waste Code Description:	Tank bottom waste
Hazardous Waste Code:	U159
Waste Code Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Hazardous Waste Code:	551
Waste Code Description:	Laboratory waste chemicals
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	D011
Waste Code Description:	SILVER
Hazardous Waste Code:	U002
Waste Code Description:	2-PROPANONE (I) (OR) ACETONE (I)
Hazardous Waste Code:	134
Waste Code Description:	Aqueous solution with <10% total organic residues
Hazardous Waste Code:	791
Waste Code Description:	Liquids with pH < 2
Hazardous Waste Code:	272
Waste Code Description:	Polymeric resin waste
Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM
Hazardous Waste Code:	724
Waste Code Description:	Liquids with lead > 500 mg/l
Hazardous Waste Code:	U239
Waste Code Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Hazardous Waste Code:	F019
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
Hazardous Waste Code:	513
Waste Code Description:	Empty containers less than 30 gallons
Hazardous Waste Code:	P030
Waste Code Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Hazardous Waste Code:	135
Waste Code Description:	Unspecified aqueous solution

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: U220
Waste Code Description: BENZENE, METHYL- (OR) TOLUENE

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 212
Waste Code Description: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 123
Waste Code Description: Unspecified alkaline solution

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20200227
Handler Name: ROHR INC., A COLLINS AEROSPACE COMPANY
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: 551
Waste Code Description: Laboratory waste chemicals

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 172
Waste Code Description: Metal dust (see 121) and machining waste

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: 121
Waste Code Description: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper,

lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 241
Waste Code Description: Tank bottom waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: 171
Waste Code Description: Metal sludge (see 121)

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: 132
Waste Code Description: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

Hazardous Waste Code: 711
Waste Code Description: Liquids with cyanides > 1000 mg/l

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 792
Waste Code Description: Liquids with pH < 2 with metals

Hazardous Waste Code: 513
Waste Code Description: Empty containers less than 30 gallons

Hazardous Waste Code: F006
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: 261
Waste Code Description: Polychlorinated biphenyls and material containing PCB's

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960227
Handler Name: ROHR, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20001012
Handler Name: BFGOODRICH AEROSTRUCTURES DBA ROHR INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040225
Handler Name: ROHR, INC. DBA GOODRICH
Federal Waste Generator Code: 1

Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20140301
Handler Name: ROHR INC, A UNITED TECHNOLOGIES AEROSPACE SYSTEMS CO
Federal Waste Generator Code: 1

Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: U220
Waste Code Description: BENZENE, METHYL- (OR) TOLUENE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D035

Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: LABP
Waste Code Description: LAB PACK

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20220105
Handler Name: ROHR INC., A COLLINS AEROSPACE COMPANY
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: 171
Waste Code Description: Metal sludge (see 121)

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 513
Waste Code Description: Empty containers less than 30 gallons

Hazardous Waste Code:	352
Waste Code Description:	Other organic solids
Hazardous Waste Code:	122
Waste Code Description:	Alkaline solution without metals (pH > 12.5)
Hazardous Waste Code:	141
Waste Code Description:	Off-specification, aged, or surplus inorganics
Hazardous Waste Code:	D035
Waste Code Description:	METHYL ETHYL KETONE
Hazardous Waste Code:	551
Waste Code Description:	Laboratory waste chemicals
Hazardous Waste Code:	241
Waste Code Description:	Tank bottom waste
Hazardous Waste Code:	134
Waste Code Description:	Aqueous solution with <10% total organic residues
Hazardous Waste Code:	121
Waste Code Description:	Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Hazardous Waste Code:	D011
Waste Code Description:	SILVER
Hazardous Waste Code:	792
Waste Code Description:	Liquids with pH < 2 with metals
Hazardous Waste Code:	461
Waste Code Description:	Degreasing sludge
Hazardous Waste Code:	214
Waste Code Description:	Unspecified solvent mixture
Hazardous Waste Code:	172
Waste Code Description:	Metal dust (see 121) and machining waste
Hazardous Waste Code:	135
Waste Code Description:	Unspecified aqueous solution
Hazardous Waste Code:	181
Waste Code Description:	Other inorganic solid waste
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	343
Waste Code Description:	Unspecified organic liquid mixture
Hazardous Waste Code:	261
Waste Code Description:	Polychlorinated biphenyls and material containing PCB's
Hazardous Waste Code:	F006
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Hazardous Waste Code:	F019
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE

CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: 711
Waste Code Description: Liquids with cyanides > 1000 mg/l

Hazardous Waste Code: 132
Waste Code Description: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20060118
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 222
Waste Code Description: Oil/water separation sludge

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: 172
Waste Code Description: Metal dust (see 121) and machining waste

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 241
Waste Code Description: Tank bottom waste

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004,

AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: 611
Waste Code Description: Contaminated soil from site clean-ups

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 221
Waste Code Description: Waste oil and mixed oil

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 171
Waste Code Description: Metal sludge (see 121)

Hazardous Waste Code: 135
Waste Code Description: Unspecified aqueous solution

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: 121
Waste Code Description: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2

Receive Date: 20120302
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: U226
Waste Code Description: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F019
Waste Code Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Hazardous Waste Code: U228
Waste Code Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D040
Waste Code Description: TRICHLORETHYLENE

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20160518
Handler Name: ROHR INC A SUBSIDIARY OF UTC AEROSPACE SYSTEMS
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 461
Waste Code Description: Degreasing sludge

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: 172
Waste Code Description: Metal dust (see 121) and machining waste

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 792
Waste Code Description: Liquids with pH < 2 with metals

Hazardous Waste Code: 343
Waste Code Description: Unspecified organic liquid mixture

Hazardous Waste Code: 121
Waste Code Description: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 591
Waste Code Description: Baghouse waste

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D002

Waste Code Description:	CORROSIVE WASTE
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	D009
Waste Code Description:	MERCURY
Hazardous Waste Code:	D035
Waste Code Description:	METHYL ETHYL KETONE
Hazardous Waste Code:	D006
Waste Code Description:	CADMIUM
Hazardous Waste Code:	221
Waste Code Description:	Waste oil and mixed oil
Hazardous Waste Code:	171
Waste Code Description:	Metal sludge (see 121)
Hazardous Waste Code:	F002
Waste Code Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	D005
Waste Code Description:	BARIUM
Hazardous Waste Code:	331
Waste Code Description:	Off-specification, aged, or surplus organics
Hazardous Waste Code:	151
Waste Code Description:	Asbestos-containing waste
Hazardous Waste Code:	241
Waste Code Description:	Tank bottom waste
Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM
Hazardous Waste Code:	F006
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	214
Waste Code Description:	Unspecified solvent mixture
Hazardous Waste Code:	F019
Waste Code Description:	WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.
Hazardous Waste Code:	132
Waste Code Description:	Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800812
Handler Name: ROHR INC
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920302
Handler Name: ROHR, INC.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	ROHR INC. DBA GOODRICH AEROSTRUCTURES	***Street 2:***	
Date Became Current:	19410101	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	850 LAGOON DRIVE
Name:	ROHR INC.	***Street 2:***	
Date Became Current:	19410101	***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-691-4111	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91910

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	NOT REQUIRED	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Implementer	***Zip Code:***	99999

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	
Name:	ROHR INC. DBA GOODRICH	***Street 2:***	
Date Became Current:	19590101	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Annual/Biennial Report	***Zip Code:***	

Owner/Operator Ind:	Current Operator	***Street No:***	850
Type:	Private	***Street 1:***	LAGOON DR
Name:	ROHR INC., A UTC AEROSPACE SYSTEMS COMPANY	***Street 2:***	
Date Became Current:	19410101	***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-691-4279	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91910-2001

Owner/Operator Ind:	Current Owner	***Street No:***	

Type:	Private	**Street 1:**	850 LAGOON DRIVE
Name:	ROHR, INC	**Street 2:**	
Date Became Current:	19450101	**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	91910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ROHR, INC. DBA GOODRICH	**Street 2:**	
Date Became Current:	19450101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ROHR INC. DBA GOODRICH	**Street 2:**	
Date Became Current:	19410101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	850
Type:	Private	**Street 1:**	LAGOON DR
Name:	ROHR INC A UTC AEROSPACE SYSTEMS COMPANY	**Street 2:**	
Date Became Current:	19410101	**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-691-2588	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91910
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	850 LAGOON DRIVE
Name:	ROHR INC.	**Street 2:**	
Date Became Current:	19410101	**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	91910
Owner/Operator Ind:	Current Owner	**Street No:**	2730
Type:	Private	**Street 1:**	WEST TYVOLA ROAD
Name:	UNITED TECHNOLOGIES CORPORATION	**Street 2:**	
Date Became Current:	20120601	**City:**	CHARLOTTE
Date Ended Current:		**State:**	NC
Phone:	704-423-7000	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	28217
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	850 LAGOON DR
Name:	ROHR INC	**Street 2:**	
Date Became Current:		**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-691-4111	**Country:**	
Source Type:	Notification	**Zip Code:**	91910-2098
Owner/Operator Ind:	Current Owner	**Street No:**	850
Type:	Private	**Street 1:**	LAGOON DRIVE MAIL ZONE 1-C EH&
Name:	ROHR INC.	**Street 2:**	S
Date Became Current:	19410101	**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-691-4111	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	GOODRICH	**Street 2:**	
Date Became Current:	19590101	**City:**	
Date Ended Current:		**State:**	

Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ROHR, INC A UNITED TECHNOLOGIES AEROSPAC	**Street 2:**	
Date Became Current:	19410101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	850
Type:	Private	**Street 1:**	LAGOON DR
Name:	ROHR INC., A COLLINS AEROSPACE COMPANY	**Street 2:**	
Date Became Current:	19410101	**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-691-4279	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	91910
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	850 LAGOON DR
Name:	ROHR INC.	**Street 2:**	
Date Became Current:	19410101	**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	91910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ROHR INC. DBA GOODRICH	**Street 2:**	
Date Became Current:	19410101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	2730
Type:	Private	**Street 1:**	WEST TYVOLA ROAD
Name:	UNITED TECHNOLOGIES CORPORATION	**Street 2:**	
Date Became Current:	20120601	**City:**	CHARLOTTE
Date Ended Current:		**State:**	NC
Phone:	704-423-7000	**Country:**	US
Source Type:	Notification	**Zip Code:**	28217
Owner/Operator Ind:	Current Operator	**Street No:**	850
Type:	Private	**Street 1:**	LAGOON DR
Name:	ROHR INC., A COLLINS AEROSPACE COMPANY	**Street 2:**	
Date Became Current:	19410101	**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-691-4279	**Country:**	US
Source Type:	Notification	**Zip Code:**	91910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ROHR INC A UTC AEROSPACE SYSTEMS COMPANY	**Street 2:**	
Date Became Current:	19410101	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Operator	**Street No:**	850
Type:	Private	**Street 1:**	LAGOON DRIVE MAIL ZONE 1-C EH&
Name:	ROHR INC. BDA GOODRICH	**Street 2:**	S
Date Became Current:	19410101	**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-691-4111	**Country:**	

Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91910
Owner/Operator Ind:	Current Owner	***Street No:***	850
Type:	Private	***Street 1:***	LAGOON AVE
Name:	ROHR INC, A TECHNOLOGIES AEROSPACE SYSTM	***Street 2:***	
Date Became Current:	19910101	***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-691-4111	***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	91910

Historical Handler Details

Receive Dt: 19940330
Generator Code Description: Large Quantity Generator
Handler Name: ROHR, INC

Receive Dt: 20001012
Generator Code Description: Large Quantity Generator
Handler Name: BFGOODRICH AEROSTRUCTURES DBA ROHR INC.

Receive Dt: 20040225
Generator Code Description: Large Quantity Generator
Handler Name: ROHR, INC. DBA GOODRICH

Receive Dt: 20200227
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC., A COLLINS AEROSPACE COMPANY

Receive Dt: 20140301
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC, A UNITED TECHNOLOGIES AEROSPACE SYSTEMS CO

Receive Dt: 19980126
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC

Receive Dt: 20220105
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC., A COLLINS AEROSPACE COMPANY

Receive Dt: 19920302
Generator Code Description: Large Quantity Generator
Handler Name: ROHR, INC.

Receive Dt: 20060118
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES

Receive Dt: 20120302
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES

Receive Dt: 20020228
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES

Receive Dt: 20160518
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC A SUBSIDIARY OF UTC AEROSPACE SYSTEMS

Receive Dt: 20180226
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC DBA GOODRICH AEROSTRUCTURES

Receive Dt: 19960901
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC

Receive Dt: 19800812
Generator Code Description: Not a Generator, Verified
Handler Name: ROHR INC

Receive Dt: 19960227
Generator Code Description: Large Quantity Generator
Handler Name: ROHR, INC.

Receive Dt: 19900411
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INDUSTRIES INC

Receive Dt: 19990304
Generator Code Description: Large Quantity Generator
Handler Name: ROHR, INC.

Receive Dt: 20080207
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES

Receive Dt: 20100615
Generator Code Description: Large Quantity Generator
Handler Name: ROHR INC. DBA GOODRICH AEROSTRUCTURES

18	*4 of 29*	*WNW*	*0.11 / 585.90*	*21.02 / 3*	***GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS - TANK 34, BLDG 1 850 Lagoon Drive CHULA VISTA CA 91910-2098***	***CLEANUP SITES***

Global ID: T0608187932
County: San Diego
Status Date: 5/8/2019
Latitude: 32.6292284883906
Longitude: -117.099366188049
Status: Completed - Case Closed
Site Facility Type: Cleanup Program Site
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 2092900
Local Case No:
Begin Date: 6/15/1999
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: 1,1,1-Trichloroethane (TCA), Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride
How Discovered:
Stop Method: Close and Remove Tank
Stop Description: CLOSE AND REMOVE TANK
Case Worker: TCA
Military DoD Site: No
Leak Reported Dt: 1999-06-15 00:00:00
No Further Action Dt: 2019-05-08 00:00:00
Potential Media of Concern: Aquifer used for drinking water supply
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source: Google Map Move
Discharge Cause: Other
Discharge Source: Tank

Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

BF Goodrich Aerospace engages in the design and manufacture of technical equipment and technology used to build aircraft. The company provides various aerospace components, systems and services, such as fuel measurement, management, health monitoring, and diagnostic systems to the aerospace industry through a network of manufacturing, engineering and assembly plants, as well as service centers, including the airframe maintenance. It also supplies components, systems, and services to the aerospace industry. Administratively closed May 8, 2019. T34 in Building No. 1 is a sump release and is part of the larger cleanup and remediation efforts and will be addressed as part of Geotracker Site ID T10000001489 - GOODRICH AEROSTRUCTURES - NORTH CAMPUS.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Remediation
Status Date: 2000-05-23 00:00:00

Status: Completed - Case Closed
Status Date: 2019-05-08 00:00:00

Status: Open - Case Begin Date
Status Date: 1999-06-15 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: TOM ALO
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: tom.alo@waterboards.ca.gov
Phone No: 6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608187932
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/8/2019
Potential COC: 1,1,1-TRICHLOROETHANE (TCA), OTHER CHLORINATED HYDROCARBONS, OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON, TETRACHLOROETHYLENE (PCE), TRICHLOROETHYLENE (TCE), VINYL CHLORIDE
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 2092900
CASEWORKER: TOM ALO
SAN DIEGO COUNTY LOP - CASE #: H02457-012
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608187932&tabname=regulatoryhistory

Site History:

BF Goodrich Aerospace engages in the design and manufacture of technical equipment and technology used to build aircraft. The company provides various aerospace components, systems and services, such as fuel measurement, management, health monitoring, and diagnostic systems to the aerospace industry through a network of manufacturing, engineering and assembly plants, as well as service centers, including the airframe maintenance. It also supplies components, systems, and services to the aerospace industry.

Administratively closed May 8, 2019. T34 in Building No. 1 is a sump release and is part of the larger cleanup and remediation efforts and will be addressed as part of Geotracker Site ID T10000001489 - GOODRICH AEROSTRUCTURES - NORTH CAMPUS.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 6/30/2014
Received Issue Date: 6/30/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6210247&temptable=ENFORCEMENT
Title Description Comments:

2014-15 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6087847
Title Description Comments:

Former Rohr UST Location Map - Foot of H Street

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6087840
Title Description Comments:

Former Rohr UST Location Map - North Campus

Action Type: Response Requested - Reports
Action: Site Assessment Report - Regulator Responded
Action Date: 4/30/2012
Received Issue Date: 4/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=5736309
Title Description Comments:

Site Assessment Report - Tank No. 34

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/13/2011
Received Issue Date: 12/13/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6113298&temptable=ENFORCEMENT
Title Description Comments:

DEH Workplan Approval

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan - Regulator Responded
Action Date: 9/28/2011
Received Issue Date: 9/28/2011

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=5726684
Title Description Comments:

Work Plan for Additional Investigation - Delay in upload of Workplan in GeoTracker caused delay in review time.

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 1/22/2013
Received Issue Date: 1/22/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6147709&temptable=ENFORCEMENT
Title Description Comments:

Referral to RWQCB

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/14/2012
Received Issue Date: 11/14/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6142906&temptable=ENFORCEMENT
Title Description Comments:

DEH Directive Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/30/2010
Received Issue Date: 11/30/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6088121&temptable=ENFORCEMENT
Title Description Comments:

Staff Letter

Action Type: Notices
Action: Letter - Notice
Action Date: 11/30/2009
Received Issue Date: 11/30/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6047301&temptable=ENFORCEMENT
Title Description Comments:

GeoTracker Notification Letter

Action Type: Notices
Action: Letter - Notice
Action Date: 7/9/2009
Received Issue Date: 7/9/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6023701&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Notices
Action: Letter - Notice
Action Date: 12/5/2008
Received Issue Date: 12/5/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=5995957&temptable=ENFORCEMENT
Title Description Comments:

PAST DUE -- 12-05-08

Action Type: Response Requested - Reports

Action: Site Investigation
Action Date: 10/25/1999
Received Issue Date: 10/25/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6104447
Title Description Comments:

Phase I and Phase II Site Investigation (SECOR 1999)

Action Type: Notices
Action: Notice of Responsibility
Action Date: 7/12/1999
Received Issue Date: 7/12/1999
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 6/15/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 6/15/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 6/15/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6104435
Title Description Comments:

ASTM Phase I - Site Assessment (AdrianBrown)

Action Type: Response Requested - Other
Action: Respond to Petition - Regulator Responded
Action Date: 8/6/1993
Received Issue Date: 8/6/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6168176
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/13/1984
Received Issue Date: 11/15/1984
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6153117
Title Description Comments:

ROHR Industries Plot Plan - Facilities Department Drain Map

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 2/8/1968
Received Issue Date: 2/8/1968
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6153124
Title Description Comments:

Bldg and Tank Sampling Results for Copper and Chromium Collected 11/30/1967

Action Type: Response Requested - Reports
Action: Operation and Maintenance Plan/Monitoring Report
Action Date: 3/1/1966
Received Issue Date: 3/1/1966
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6153110
Title Description Comments:

Process Rinse Water - A report on the process rinse waters and other wastes for the Water Quality Control Board

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/15/1952
Received Issue Date: 12/15/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6272364&temptable=ENFORCEMENT
Title Description Comments:

Proposed Waste Disposal Program for ROHR Aircraft Corporation

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/20/1952
Received Issue Date: 3/20/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6161065
Title Description Comments:

Photographs taken by San Diego Water Board staff at and around the ROHR facility following shellfish and bird poisoning.

Action Type: Response Requested - Reports
Action: Sensitive Receptor Survey Report - Regulator Responded
Action Date: 1/1/1952
Received Issue Date: 1/1/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608187932&doc_id=6186467
Title Description Comments:

Excerpt from Extent, Effects and Limitations of Waste Disposal into San Diego Bay Report

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 11/30/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: STAFF LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6088121

Document Type: Site Documents ***Document Date:*** 8/6/1993
Type: RESPOND TO PETITION ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6168176

Document Type: Site Documents **Document Date:** 3/1/1966
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PROCESS RINSE WATER - A REPORT ON THE PROCESS RINSE WATERS AND OTHER WASTES FOR THE WATER QUALITY CONTROL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6153110

Document Type: Site Documents **Document Date:** 12/20/2011
Type: SITE INVESTIGATION **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: REPORT OF SUBSURFACE INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5529982805/T0608187932.PDF

Document Type: Site Documents **Document Date:** 11/14/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: DEH DIRECTIVE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6142906

Document Type: Site Documents **Document Date:** 12/15/1952
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PROPOSED WASTE DISPOSAL PROGRAM FOR ROHR AIRCRAFT CORPORATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6272364

Document Type: Site Documents **Document Date:** 1/1/1952
Type: SENSITIVE RECEPTOR SURVEY REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: EXCERPT FROM EXTENT, EFFECTS AND LIMITATIONS OF WASTE DISPOSAL INTO SAN DIEGO BAY REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6186467

Document Type: Site Documents **Document Date:** 11/30/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: (REGULATOR)
Title: GEOTRACKER NOTIFICATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6047301

Document Type: Monitoring Reports **Document Date:** 2/8/1968
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BLDG AND TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM COLLECTED 11/30/1967 - BLDG/TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM 1967
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5557631552/1968%20Cr%20Co%20Report%2Epdf

Document Type: Site Documents **Document Date:** 6/30/2014
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2014-15 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6210247

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - NORTH CAMPUS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6087840

Document Type: Site Documents **Document Date:** 4/26/2012
Type: SITE INVESTIGATION **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: SITE ASSESSMENT REPORT N/C MACHINE SHOP SUMP - TANK NO. 34
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8634307146/T0608187932.PDF

Document Type: Site Documents **Document Date:** 12/13/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: DEH WORKPLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6113298

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - FOOT OF H STREET - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6087847

Document Type: Site Documents **Document Date:** 10/25/1999
Type: SITE INVESTIGATION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHASE I AND PHASE II SITE INVESTIGATION (SECOR 1999)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6104447

Document Type: Site Documents **Document Date:** 6/4/1998
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ASTM PHASE I - SITE ASSESSMENT (ADRIANBROWN)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6104435

Document Type: Site Documents **Document Date:** 1/22/2013
Type: REFERRAL TO REGIONAL BOARD **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: REFERRAL TO RWQCB
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6147709

Document Type: Site Documents **Document Date:** 9/23/2011
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: WORK PLAN FOR ADDITIONAL INVESTIGATION 09-23-2011
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2194425225/T0608187932.PDF

Document Type: Site Documents **Document Date:** 7/9/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: (REGULATOR)
Title: LETTER - NOTICE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=6023701

Document Type: Site Documents **Document Date:** 12/5/2008
Type: LETTER - NOTICE **Submitted:**
Submitted By: (REGULATOR)
Title: PAST DUE -- 12-05-08
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&enforcement_id=5995957

Document Type: Site Documents **Document Date:** 11/15/1984
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ROHR INDUSTRIES PLOT PLAN - FACILITIES DEPARTMENT DRAIN MAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6153117

Document Type: Site Documents **Document Date:** 3/20/1952
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHOTOGRAPHS TAKEN BY SAN DIEGO WATER BOARD STAFF AT AND AROUND THE ROHR FACILITY FOLLOWING SHELLFISH AND BIRD POISONING. - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608187932&document_id=6161065

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-07 (T34-07)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2917221009/T0608187932.PDF

Submitted: 4/27/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4176666200/T0608187932.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-08 (T34-08)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3420170605/T0608187932.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-06 (T34-06)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8766996026/T0608187932.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-09 (T34-09)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6013030946/T0608187932.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-01 (T34-01)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1606490373/T0608187932.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-02 (T34-02)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4329513490/T0608187932.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-04 (T34-04)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7979267179/T0608187932.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-03 (T34-03)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3974730730/T0608187932.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T34-05 (T34-05)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2157880663/T0608187932.PDF

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Remediation
Date: 5/23/2000

Status: Completed - Case Closed
Date: 5/8/2019

Status: Open - Case Begin Date
Date: 6/15/1999

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description:
Identifier: T10000001489
Project Name: GOODRICH AEROSTRUCTURES - NORTH CAMPUS
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000001489
Address: 850 LAGOON DRIVE
City: CHULA VISTA
Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	5 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - SOUTH CAMPUS 850 LAGOON DRIVE CHULA VISTA CA 91910-2098	CLEANUP SITES

Global ID: SL209294204 **Latitude:** 32.6257497210496

County: San Diego **Longitude:** -117.09775686264
Status Date: 3/13/2020
Status: Open - Remediation
Site Facility Type: Cleanup Program Site
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 2090086
Local Case No:
Begin Date: 4/2/1998
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Asbestos Containing Materials (ACM), 1,4-Dioxane, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Polychlorinated biphenyls (PCBs), Chromium VI, Other Metal, Other Petroleum, Polynuclear aromatic hydrocarbons (PAHs), Total Petroleum Hydrocarbons (TPH)
How Discovered: * GOV
Stop Method: Other Means
Stop Description:
Case Worker: TCA
Military DoD Site: No
Leak Reported Dt: 1997-01-01 00:00:00
No Further Action Dt:
Potential Media of Concern: Surface water, Aquifer used for drinking water supply
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source: Google Map Move
Discharge Cause: Other
Discharge Source: Other
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
File Location: Regional Board
Site History:

Since 1941, structural and engine components for use in the aviation and aerospace industry have been manufactured at the South Campus Property. Chemicals stored at the South Campus Property and used during manufacturing operations have been found in the soil, soil gas, and groundwater as reported in site environmental investigation reports and groundwater monitoring reports. The group of chemicals discharged include, but are not limited to, volatile organic compounds (VOCs), metals, petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs). In 1998, the San Diego Water Board issued CAO No. 98-08 to Rohr, Inc. CAO No. 98-08 requires the cleanup or abatement of wastes discharged from Rohr's manufacturing operations located at 850 Lagoon Drive in Chula Vista, California (North Campus Property and South Campus Property). CAO No. 98-08 includes directives to (1) conduct a site-wide environmental site assessment, (2) conduct a comprehensive storm water runoff sampling program, (3) conduct a comprehensive storm water conveyance system investigation, (4) perform a site-wide data compilation and evaluation, and (5) conduct interim remedial actions. The first four directives have been completed. On July 13, 1999, the City of Chula Vista, the Redevelopment Agency of the City of Chula Vista, the Port of San Diego, and Rohr entered into a Relocation Agreement. Thirty-eight acres of Rohr-owned property were transferred to the Port of San Diego and a 28-acre lease of Port tidelands was terminated as part of this Relocation Agreement for the entire South Campus Site. In 2002, Rohr vacated the South Campus Property and consolidated manufacturing operations to the North Campus Property. In 2007, the Port of San Diego demolished all buildings at the South Campus. In 2014, the San Diego Water Board issued CAO No. R9-2014-0019, which requires the cleanup or abatement of all wastes discharged to soil, soil gas, and groundwater from the manufacturing operations at the South Campus Property. CAO No. R9-2014-0019 supersedes CAO No. 98-08. Implementation of the soil Remedial Action Plan (RAP) is currently underway. The groundwater RAP will be finalized by Summer 2020.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Date: 2019-07-22 00:00:00
Action: Other Workplan
Action Type: RESPONSE

Date: 2014-11-26 00:00:00
Action: Other Workplan

Action Type: RESPONSE

Date: 2020-06-26 00:00:00
Action: Remedial Action Complete
Action Type: RESPONSE

Date: 2013-03-18 00:00:00
Action: Pilot Study/ Treatability Report
Action Type: RESPONSE

Date: 2015-12-31 00:00:00
Action: CAP/RAP - Feasibility Study Report
Action Type: RESPONSE

Date: 2016-10-21 00:00:00
Action: CAP/RAP - Feasibility Study Report
Action Type: RESPONSE

Date: 2015-03-09 00:00:00
Action: Site Assessment Report
Action Type: RESPONSE

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Remediation
Status Date: 2020-03-13 00:00:00

Status: Open - Case Begin Date
Status Date: 1998-04-02 00:00:00

Status: Open - Assessment & Interim Remedial Action
Status Date: 2014-03-26 00:00:00

Status: Open - Assessment & Interim Remedial Action
Status Date: 2000-07-26 00:00:00

Status: Open - Site Assessment
Status Date: 2000-07-26 00:00:00

Status: Open - Remediation
Status Date: 2018-10-09 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: TOM ALO
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: tom.alo@waterboards.ca.gov
Phone No: 6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: REGIONAL BOARD
User Defined Beneficial Use:

Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL209294204
Cleanup Status Detail: OPEN - REMEDIATION AS OF 3/13/2020
Potential COC: 1,4-DIOXANE, ASBESTOS CONTAINING MATERIALS (ACM), CHROMIUM VI, OTHER CHLORINATED HYDROCARBONS, OTHER METAL, OTHER PETROLEUM, POLYCHLORINATED BIPHENYLS (PCBS), POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS), TETRACHLOROETHYLENE (PCE), TOTAL PETROLEUM HYDROCARBONS (TPH), TRICHLOROETHYLENE (TCE)
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY, SURFACE WATER
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 2090086
CASEWORKER: TOM ALO
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SL209294204&tabname=regulatoryhistory
Site History:

Since 1941, structural and engine components for use in the aviation and aerospace industry have been manufactured at the South Campus Property. Chemicals stored at the South Campus Property and used during manufacturing operations have been found in the soil, soil gas, and groundwater as reported in site environmental investigation reports and groundwater monitoring reports. The group of chemicals discharged include, but are not limited to, volatile organic compounds (VOCs), metals, petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs).

In 1998, the San Diego Water Board issued CAO No. 98-08 to Rohr, Inc. CAO No. 98-08 requires the cleanup or abatement of wastes discharged from Rohr's manufacturing operations located at 850 Lagoon Drive in Chula Vista, California (North Campus Property and South Campus Property). CAO No. 98-08 includes directives to (1) conduct a site-wide environmental site assessment, (2) conduct a comprehensive storm water runoff sampling program, (3) conduct a comprehensive storm water conveyance system investigation, (4) perform a site-wide data compilation and evaluation, and (5) conduct interim remedial actions. The first four directives have been completed.

On July 13, 1999, the City of Chula Vista, the Redevelopment Agency of the City of Chula Vista, the Port of San Diego, and Rohr entered into a Relocation Agreement. Thirty-eight acres of Rohr-owned property were transferred to the Port of San Diego and a 28-acre lease of Port tidelands was terminated as part of this Relocation Agreement for the entire South Campus Site. In 2002, Rohr vacated the South Campus Property and consolidated manufacturing operations to the North Campus Property. In 2007, the Port of San Diego demolished all buildings at the South Campus.

In 2014, the San Diego Water Board issued CAO No. R9-2014-0019, which requires the cleanup or abatement of all wastes discharged to soil, soil gas, and groundwater from the manufacturing operations at the South Campus Property. CAO No. R9-2014-0019 supersedes CAO No. 98-08. Implementation of the soil Remedial Action Plan (RAP) is currently underway. The groundwater RAP will be finalized by Summer 2020.

Sites from GeoTracker Search - Cleanup Action Report (as of Oct 17, 2022)

Action Type: EXCAVATION
Begin Date: 4/3/2002
End Date: 4/4/2002
Phase: Soil
Contaminant Mass Removed:
Description: Excavation pilot study was done to evaluate fesibility of performing interim remedial action.

Action Type: EXCAVATION
Begin Date: 8/4/2004
End Date: 11/4/2004
Phase: Soil
Contaminant Mass Removed:
Description: Sediment was removed in a tidal inlet area.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Enforcement/Orders
Action: Amendment to Order
Action Date: 4/15/2015
Received Issue Date: 4/15/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6241916&temptable=ENFORCEMENT
Title Description Comments:

Addendum No. 1 to CAO No. R9-2014-0019

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/13/2015
Received Issue Date: 4/13/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6241649&temptable=ENFORCEMENT
Title Description Comments:

Identification of New Environmental Concerns in Soil Pursuant to Directive I.5 of CAO No. R9-2014-0019

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 3/16/2015
Received Issue Date: 3/16/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5840976
Title Description Comments:

Building 42 Borings, Former Rohr South Campus, Chula Vista, California

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 3/12/2015
Received Issue Date: 3/12/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6238751&temptable=ENFORCEMENT
Title Description Comments:

Exchange Parcel - No Further Action for Wastes Discharged to Soil

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/2/2015
Received Issue Date: 3/2/2015
Doc Link:
Title Description Comments:

H Street Focused Feasibility Evaluation

Action Type: Response Requested - Other
Action: Request for Closure
Action Date: 2/6/2015
Received Issue Date: 2/6/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5829530
Title Description Comments:

Exchange Parcel Cleanup and Abatment Completion Report - Soil Remediation

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 1/30/2015
Received Issue Date: 1/14/2015
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/30/2015
Received Issue Date: 1/14/2015
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Response Requested - Reports
Action: Final Remedial Action Report / Corrective Action Report
Action Date: 11/14/2014
Received Issue Date: 11/14/2014
Doc Link:
Title Description Comments:

Final Cleanup and Abatement Completion Report for South Campus Exchange Parcel

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/12/2014
Received Issue Date: 11/12/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6228868&temptable=ENFORCEMENT
Title Description Comments:

Extension Request for Soil and Groundwater Data Gap Investigation Work Plan

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: *11/26/2014
Received Issue Date: 11/21/2014
Doc Link:
Title Description Comments:

Submit a work plan that describes the investigation activities to identify groundwater data gaps throughout the South Campus Site. See 9/10/14 SD Water Board letter - Groundwater Monitoring Program and Proposed Five Year Groundwater Sampling Plan. Requested a 2-week extension to submit the work plan. San Diego Water Board granted the request.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/10/2014
Received Issue Date: 11/10/2014
Doc Link:
Title Description Comments:

Evaluation of PCB Impacts in the H Street Vicinity

Action Type: Response Requested - Reports
Action: Removal Action Complete
Action Date: 10/31/2014
Received Issue Date: 10/28/2014
Doc Link:
Title Description Comments:

DEMP Technical Memoranda for South Campus Exchange Parcel

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 10/30/2014
Received Issue Date: 10/28/2014
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Site Investigation - Regulator Responded
Action Date: 10/30/2014
Received Issue Date: 10/30/2014

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5810105
Title Description Comments:

Technical Report for Site-Specific Background Concentration of Hexavalent Chromium in Groundwater

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: *3/9/2015
Received Issue Date: 2/6/2015
Doc Link:
Title Description Comments:

Pesticides Technical Report for South Campus Site -- Due within 90 days after approval of the Technical Work Plan for Pesticides Screening. Work plan approved on 12/8/14.

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/30/2014
Received Issue Date: 10/28/2014
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 10/17/2014
Received Issue Date: 10/15/2014
Doc Link:
Title Description Comments:

Technical Report for Revised In-Situ Concrete Characterization and Waste Profiling

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 9/24/2014
Received Issue Date: 9/24/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5817283
Title Description Comments:

Petition of ROHR, Inc. - CAO No. R9-2014-0019

Action Type: Response Requested - Reports
Action: Feasibility Study Report
Action Date: 9/19/2014
Received Issue Date: 9/19/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5821008
Title Description Comments:

Addendum to the Soil Investigation/Feasibility Study/Remedial Action Plan - Exchange Parcel

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 9/15/2014
Received Issue Date: 9/15/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6224098&temptable=ENFORCEMENT
Title Description Comments:

Clarification on Submittal of Individual Soil RAPs

Action Type: Response Requested - Reports
Action: Site Assessment Report - Regulator Responded
Action Date: 3/1/2014

Received Issue Date: 3/1/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6110925
Title Description Comments:

Source Identification of PCB Impacts in H Street - Bodhi Group Report

Action Type: Response Requested - Reports
Action: Feasibility Study Report
Action Date: 2/26/2014
Received Issue Date: 2/26/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5799046
Title Description Comments:

Focused Feasibility Evaluation - H Street Expansion

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 2/19/2014
Received Issue Date: 2/19/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5798573
Title Description Comments:

Revised In-Situ Concrete Characterization and Waste Profiling Work Plan - 2/7/14: Haley & Aldrich provided responses via email to our 2/6/14 email comments. 2/13/14: Haley & Aldrich provided revised responses via email based on 2/12/14 discussion with Water Board. 2/13/14: Water Board reviewed revised responses and had no further comments. Directed Haley & Aldrich to prepare a letter with the revised responses.

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: 2/13/2014
Received Issue Date: 2/13/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5799049
Title Description Comments:

Investigation/Feasbility Study/Remedial Action Plan - Exchange Parcel

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 1/31/2014
Received Issue Date: 1/31/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5799048
Title Description Comments:

Supplemental Soil Assessment Data Summary Report

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 12/1/2013
Received Issue Date: 12/1/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5874464
Title Description Comments:

Report of Source Evaluation of Waste at Outfall 4 L-Ditch

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/27/2013
Received Issue Date: 11/27/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203677&temptable=ENFORCEMENT
Title Description Comments:

Revised Concrete Joint Coumpound Removal Work Plan

Action Type: Other Regulatory Actions

Action: Technical Correspondence / Assistance / Other
Action Date: 11/5/2013
Received Issue Date: 11/5/2013
Doc Link:
Title Description Comments:

Request for South Campus Concrete Reuse Criteria

Action Type: Response Requested - Workplans
Action: Removal Action Work Plan
Action Date: 10/30/2013
Received Issue Date: 10/24/2013
Doc Link:
Title Description Comments:

Submit revised Concrete Joint Compound Removal work plan based on San Diego Water Board's 10/11/13 letter.

Action Type: Response Requested - Workplans
Action: Pilot Study / Treatability Workplan
Action Date: 10/30/2013
Received Issue Date: 10/24/2013
Doc Link:
Title Description Comments:

Submit revised Concrete Cleaning Test work plan based on SD Water Board's 10/11/13 letter.

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 1/31/2014
Received Issue Date: 1/31/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5799043
Title Description Comments:

Derivation of Site-Specific Groundwater Quality Protection Levels for Vadose Zone Soil

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 1/29/2014
Received Issue Date: 1/29/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5798568
Title Description Comments:

Revised In-Situ Concrete Characterization and Waste Profiling Work Plan - Comments were initally sent via email on 2/6/14. The same comments were put in a letter which was mailed on 2/11/14.

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 12/20/2013
Received Issue Date: 12/20/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6004318
Title Description Comments:

Request for Extension of Source Evaluation of Waste at Outfall 4, L-Ditch, and Goodrich Aerostructures Manufacturing Facilities

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded
Action Date: 10/28/2013
Received Issue Date: 10/28/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5788358
Title Description Comments:

Request for South Campus Concrete Reuse Criteria

Action Type: Response Requested - Workplans

Action: Other Workplan - Regulator Responded
Action Date: 10/23/2013
Received Issue Date: 10/15/2013
Doc Link:
Title Description Comments:

Review 2013 Groundwater Sampling Plan (GSP). The GSP was originally combined with the Groundwater Monitoring Program. During the week of 10/7, I directed Patrick to break them apart in order to get them to implement the GSP.

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 10/21/2013
Received Issue Date: 10/10/2013
Doc Link:
Title Description Comments:

In-Situ Pavement Characterization and Waste Profiling Work Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/16/2013
Received Issue Date: 10/16/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6179274&temptable=ENFORCEMENT
Title Description Comments:

2013 Groundwater Monitoring Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/11/2013
Received Issue Date: 10/11/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6178672&temptable=ENFORCEMENT
Title Description Comments:

Concrete Cleaning Test Work Plan

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 9/11/2014
Received Issue Date: 9/11/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5819042
Title Description Comments:

Revised Derivation of Site-Specific Groundwater Quality Protection Levels for Vadose Zone Soil

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/6/2014
Received Issue Date: 8/6/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6216101&temptable=ENFORCEMENT
Title Description Comments:

Groundwater Monitoring Program and Proposed Five Year Groundwater Sampling Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/6/2014
Received Issue Date: 8/6/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6216100&temptable=ENFORCEMENT
Title Description Comments:

Pesticides Screening Work Plan

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 8/1/2014
Received Issue Date: 7/30/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5810134
Title Description Comments:

Management Plan for Wastes in Concrete, Asphalt, and Joint Compound Material at South Campus Site

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 7/30/2014
Received Issue Date: 7/30/2014
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2014
Received Issue Date: 7/30/2014
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/6/2014
Received Issue Date: 6/6/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6206021&temptable=ENFORCEMENT
Title Description Comments:

Investigation/Feasibility Study/Remedial Action Plan - South Campus Exchange Parcel

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/19/2014
Received Issue Date: 5/19/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203568&temptable=ENFORCEMENT
Title Description Comments:

Revised Proposed Soil Sampling During Joint Compound Removal

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 6/30/2014
Received Issue Date: 6/30/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6210248&temptable=ENFORCEMENT
Title Description Comments:

FY 2014-15 Annual Estimation Letter

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 6/30/2014
Received Issue Date: 5/21/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5810108

Title Description Comments:

Technical Work Plan For Pesticides Screening

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: 6/30/2014
Received Issue Date: 1/31/2014
Doc Link:
Title Description Comments:

Soil RAP for South Campus Exchange Parcel

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 6/30/2014
Received Issue Date: 4/28/2014
Doc Link:
Title Description Comments:

Groundwater Monitoring Work Plan

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order
Action Date: 6/24/2014
Received Issue Date: 6/24/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6211980&temptable=ENFORCEMENT
Title Description Comments:

Final CAO R9-2014-0019 & Technical Report

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order
Action Date: 6/10/2014
Received Issue Date: 6/10/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6212005&temptable=ENFORCEMENT
Title Description Comments:

Tentative CAO R9-2014-0019 and Technical Report

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/19/2014
Received Issue Date: 5/19/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203554&temptable=ENFORCEMENT
Title Description Comments:

Final Revised In-Situ Concrete Characterization and Waste Profiling Work Plan

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 4/28/2014
Received Issue Date: 4/22/2014
Doc Link:
Title Description Comments:

Groundwater Monitoring Program Workplan

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 4/28/2014

Received Issue Date: 4/28/2014
Doc Link:
Title Description Comments:

Evaluation of Hexavalent Chromium on Background in Groundwater

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/23/2014
Received Issue Date: 4/23/2014
Doc Link:
Title Description Comments:

Derivation of Site-Specific Groundwater Quality Protection Levels for Vadose Zone Soil

Action Type: Response Requested - Reports
Action: Monitoring Report - Annually
Action Date: 4/15/2014
Received Issue Date: 4/11/2014
Doc Link:
Title Description Comments:

2013 Annual Groundwater Monitoring Report

Action Type: Notices
Action: Letter - Notice
Action Date: 3/19/2014
Received Issue Date: 3/19/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6196378&temptable=ENFORCEMENT
Title Description Comments:

Notice of Written Comment Period - Tentative CAO R9-2014-0019 & Technical Report

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order
Action Date: 3/19/2014
Received Issue Date: 3/19/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6196376&temptable=ENFORCEMENT
Title Description Comments:

Tentative Technical Report for Cleanup and Abatement Order No. R9-2014-0019

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order
Action Date: 3/19/2014
Received Issue Date: 3/19/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6196374&temptable=ENFORCEMENT
Title Description Comments:

Tentative Cleanup and Abatement Order No. R9-2014-0019

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 3/1/2014
Received Issue Date: 3/1/2014
Doc Link:
Title Description Comments:

Source Identification of PCB Impacts in H Street

Action Type: Other Regulatory Actions

Action: Technical Correspondence / Assistance / Other
Action Date: 12/15/1952
Received Issue Date: 12/15/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6272365&temptable=ENFORCEMENT
Title Description Comments:

Proposed Waste Disposal Program for ROHR Aircraft Corporation

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/15/1952
Received Issue Date: 12/15/1952
Doc Link:
Title Description Comments:

Proposed Waste Disposal Program for ROHR Aircraft Corporation

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/15/1952
Received Issue Date: 12/15/1952
Doc Link:
Title Description Comments:

Proposed Waste Disposal Program for ROHR Aircraft Corporation

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/20/1952
Received Issue Date: 3/20/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6161070
Title Description Comments:

Photographs taken by San Diego Water Board staff at and around the ROHR facility following shellfish and bird poisoning.

Action Type: Response Requested - Reports
Action: Sensitive Receptor Survey Report - Regulator Responded
Action Date: 1/1/1952
Received Issue Date: 1/1/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6186472
Title Description Comments:

Excerpt from Extent, Effects and Limitations of Waste Disposal into San Diego Bay Report

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: 12/22/2020
Received Issue Date: 12/22/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6045441
Title Description Comments:

Revised Groundwater Remedial Action Plan

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 9/30/2020
Received Issue Date: 9/30/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6034433
Title Description Comments:

Comments on the Soil Cleanup and Abatement Completion Report

Action Type: Response Requested - Other

Action: Request for Closure
Action Date: 7/31/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Final Soil Cleanup and Abatement Completion Report

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 6/26/2020
Received Issue Date: 6/26/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6025927
Title Description Comments:

Request for Further Extension of Abeyance Period

Action Type: Response Requested - Reports
Action: Technical Memos - Regulator Responded
Action Date: 6/1/2018
Received Issue Date: 7/30/2018
Doc Link:
Title Description Comments:

Additional saturated zone soil investigation within and around the former North Feeder Channel and Erosion Prevention Cover.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/25/2018
Received Issue Date: 6/5/2018
Doc Link:
Title Description Comments:

Updated schedule for conceptual pavement removal and soil RAP schedule.

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 7/30/2018
Received Issue Date: 7/30/2018
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Removal Action Complete
Action Date: 7/19/2018
Received Issue Date: 7/19/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5995609
Title Description Comments:

Joint Compound Material Removal Completion Report

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 7/2/2018
Received Issue Date: 7/2/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6364789&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter

Action Type: Response Requested - Workplans

Action: Remedial Investigation Workplan - Regulator Responded
Action Date: 5/25/2018
Received Issue Date: 5/25/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5995583
Title Description Comments:

Proposed Saturated Soil Sampling Plan - Worked with Rohr to revise the proposed Saturated Soil Sampling Plan.

Action Type: Response Requested - Workplans
Action: Corrective Action Plan / Remedial Action Plan - Addendum
Action Date: 5/3/2018
Received Issue Date: 5/3/2018
Doc Link:
Title Description Comments:

Revised soil RAP based on comments received from the Port of SD.

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report - Regulator Responded
Action Date: 5/3/2018
Received Issue Date: 5/3/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5995581
Title Description Comments:

Revised Soil Remedial Action Plan

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 4/30/2018
Received Issue Date: 4/18/2018
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Agreements
Action: Polanco Agrmnt/Redev Agency Env Oversight Agrmnt
Action Date: 5/8/2015
Received Issue Date: 5/8/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6244121&temptable=ENFORCEMENT
Title Description Comments:

Polanco Immunities for the Soil Portion of the Chula Vista Bayfront Exchange Lands

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 4/30/2015
Received Issue Date: 4/16/2015
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/30/2015
Received Issue Date: 4/17/2015
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Other Regulatory Actions

Action: Technical Correspondence / Assistance / Other
Action Date: 6/24/2015
Received Issue Date: 6/24/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6249957&temptable=ENFORCEMENT
Title Description Comments:

First Quarter 2015 Remedial Action Plan Implementation Progress Report

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 6/19/2015
Received Issue Date: 6/19/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6249438&temptable=ENFORCEMENT
Title Description Comments:

FY 2015-16 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 5/12/2015
Received Issue Date: 5/12/2015
Doc Link:
Title Description Comments:

Supplemental Soil Assessment and Ground Water Investigation / Relocation Agreement

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 5/12/2015
Received Issue Date: 5/12/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5840661
Title Description Comments:

SUPPLEMENTAL SOIL ASSESSMENT AND GROUND WATER INVESTIGATION / RELOCATION AGREEMENT

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: *12/31/2015
Received Issue Date: 12/14/2015
Doc Link:
Title Description Comments:

Groundwater RAP for South Campus Site

Action Type: Response Requested - Other
Action: Response to Comments - Regulator Responded
Action Date: 4/20/2018
Received Issue Date: 4/19/2018
Doc Link:
Title Description Comments:

Port is reviewing Rohr's responses to its remaining comments on the Soil and Groundwater RAPs. Comments due by 4/20.

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 4/19/2018
Received Issue Date: 4/19/2018
Doc Link:
Title Description Comments:

4/19/18 Port of SD's Response to Haley & Adrich's Comments

Action Type: Response Requested - Other
Action: Response to Comments - Regulator Responded
Action Date: 4/19/2018
Received Issue Date: 4/19/2018
Doc Link:
Title Description Comments:

Port of SD Responses - Two Remaining Primary Concerns

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 4/19/2018
Received Issue Date: 4/19/2018
Doc Link:
Title Description Comments:

Soil Remedial Action Plan

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/30/2018
Received Issue Date: 4/30/2018
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 1/30/2018
Received Issue Date: 1/26/2018
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Other
Action: Response to Comments - Regulator Responded
Action Date: 11/16/2017
Received Issue Date: 11/16/2017
Doc Link:
Title Description Comments:

Port of SD Additional Comments on the Soil and Groundwater RAPs

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 10/30/2017
Received Issue Date: 10/20/2017
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/30/2017
Received Issue Date: 10/30/2017
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 7/30/2017
Received Issue Date: 7/24/2017
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/25/2020
Received Issue Date: 6/25/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6469164&temptable=ENFORCEMENT
Title Description Comments:

FY 2020-21 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded
Action Date: 5/18/2020
Received Issue Date: 5/18/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6025250
Title Description Comments:

Port of San Diego - Comments on Soil Remedial Action Plan Implementation

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 4/24/2020
Received Issue Date: 4/24/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6025523
Title Description Comments:

South Campus RAP Implementation Communication Process for Excavation Sampling and Data Evaluation

Action Type: Enforcement/Orders
Action: Amendment to Order
Action Date: 12/20/2019
Received Issue Date: 12/20/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6423329&temptable=ENFORCEMENT
Title Description Comments:

Addendum No. 6 to CAO

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 12/12/2019
Received Issue Date: 12/12/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6010944
Title Description Comments:

CAO Deadline Extension Request - Soil RAP Completion

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/8/2019
Received Issue Date: 11/8/2019
Doc Link:
Title Description Comments:

Parcel H-23 Data Gap Investigation

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 11/8/2019
Received Issue Date: 11/8/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6011426
Title Description Comments:

Parcel H-23 Data Gap Investigation

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 10/30/2019
Received Issue Date: 10/21/2019
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/30/2019
Received Issue Date: 10/21/2019
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/16/2019
Received Issue Date: 10/16/2019
Doc Link:
Title Description Comments:

Review of Tetra Tech Trench and Grab Samples

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 10/16/2019
Received Issue Date: 10/16/2019
Doc Link:
Title Description Comments:

Updated Site Conceptual Model

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 10/14/2019
Received Issue Date: 10/14/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6009705
Title Description Comments:

Response to Haley & Aldrich's Review of Tetra Tech Terench and Grab Samples

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 10/3/2019
Received Issue Date: 10/3/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6009718
Title Description Comments:

Review of Tetra Tech Trench and Grab Samples

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 9/17/2019
Received Issue Date: 9/17/2019
Doc Link:
Title Description Comments:

H-23 Parcel Excavation Soil Sampling

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 9/17/2019
Received Issue Date: 9/17/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6009710
Title Description Comments:

H-23 Parcel Excavation Soil Sampling

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: *7/22/2019
Received Issue Date: 7/22/2019
Doc Link:
Title Description Comments:

Rohr will begin pumping the rainwater from the excavations to the sanitary sewer.

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan
Action Date: 7/1/2019
Received Issue Date: 7/1/2019
Doc Link:
Title Description Comments:

Rohr will begin implementing the Revised Soil Characterization Work Plan for Parcel H-23 (dated 5/21/19).

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 9/17/2019
Received Issue Date: 9/17/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6009707
Title Description Comments:

H-23 Parcel Comments on Site Conceptual Model

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Regulator Responded
Action Date: 8/6/2019
Received Issue Date: 8/6/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6001753
Title Description Comments:

Parcel H-23 Data Gap Investigation Work Plan

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 7/30/2019
Received Issue Date: 7/19/2019
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2019
Received Issue Date: 7/19/2019
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 7/26/2019
Received Issue Date: 7/26/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6000246
Title Description Comments:

Industrial User Discharge Permit #13-0480-03-A

Action Type: Enforcement/Orders
Action: Amendment to Order
Action Date: 5/29/2019
Received Issue Date: 5/29/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6404664&temptable=ENFORCEMENT
Title Description Comments:

Addendum No. 5 to CAO R9-2004-0019

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 4/30/2019
Received Issue Date: 4/25/2019
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/30/2019
Received Issue Date: 4/25/2019
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded
Action Date: 4/25/2019
Received Issue Date: 4/25/2019
Doc Link:
Title Description Comments:

Deadline Extension Request - Soil Remedial Action Plan Completion - 5/29/19 Addendum No. 5 approved by the SD Water Board.

Action Type: Response Requested - Reports
Action: Miscellaneous Decision Documents - Regulator Responded
Action Date: 12/10/2012
Received Issue Date: 12/10/2012
Doc Link:
Title Description Comments:

Request for Investigation of Lead Containing Soil (L-Ditch discolored soil near Outfall 4) - 12/14/12 conference call with Goodrich, Port, and City of CV to

discuss the 12/10/12 letter. Need to further discuss. May discuss at 1/28/13 meeting.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/27/2012
Received Issue Date: 11/27/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6143542&temptable=ENFORCEMENT
Title Description Comments:

Response to Comments - Supplemental Soil Assessment Work Plan

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2017
Received Issue Date: 7/30/2017
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/20/2017
Received Issue Date: 6/20/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6323794&temptable=ENFORCEMENT
Title Description Comments:

FY 2017-18 Annual Estimation Letter

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 4/30/2017
Received Issue Date: 4/18/2017
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/30/2017
Received Issue Date: 4/30/2017
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: *10/21/2016
Received Issue Date: 10/18/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5810154
Title Description Comments:

Soil RAP for South Campus Site (excluding South Campus Exchange Parcel)

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 1/30/2017
Received Issue Date: 1/10/2017

Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Pilot Study/ Treatability Report
Action Date: *3/18/2013
Received Issue Date: 3/12/2013
Doc Link:
Title Description Comments:

Revised ROWD for In-Situ Bioremediation Pilot Test - Haley & Aldrich owes us a revised response to comments table based on our 12/19/12 meeting.

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan - Regulator Responded
Action Date: 11/9/2012
Received Issue Date: 12/4/2012
Doc Link:
Title Description Comments:

Revised Supplemental Soil Assessment Work Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/6/2012
Received Issue Date: 11/6/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6142003&temptable=ENFORCEMENT
Title Description Comments:

In-Situ Bioremedation Pilot Test (dated 10/4/12)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/19/2012
Received Issue Date: 10/19/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6140575&temptable=ENFORCEMENT
Title Description Comments:

Supplemental Soil Assessment Work Plan (dated 10/4/12)

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 10/19/2012
Received Issue Date: 10/19/2012
Doc Link:
Title Description Comments:

Comments on Draft CAO No. R9-2012-0062

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 10/12/2012
Received Issue Date: 10/12/2012
Doc Link:
Title Description Comments:

Groundwater Background Metals Evaluation

Action Type: Response Requested - Workplans
Action: Pilot Study / Treatability Workplan - Regulator Responded
Action Date: 10/4/2012

Received Issue Date: 10/4/2012
Doc Link:
Title Description Comments:

In-Situ Bioremediation Pilot Test - Report of Waste Discharge

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 7/30/2012
Received Issue Date: 7/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5761776
Title Description Comments:

UTC's Acquisition of Goodrich Corporation

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/27/2012
Received Issue Date: 11/27/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6143543&temptable=ENFORCEMENT
Title Description Comments:

Response to Comments - In-Situ Bioremediation Pilot Test ROWD

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/1/2012
Received Issue Date: 7/1/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6140591&temptable=ENFORCEMENT
Title Description Comments:

2012-13 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 4/24/2019
Received Issue Date: 4/24/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5995524
Title Description Comments:

Request for Authorization to Discharge Extracted Groundwater to Sewer

Action Type: Response Requested - Reports
Action: Remedial Action Complete
Action Date: *6/26/2020
Received Issue Date:
Doc Link:
Title Description Comments:

All Soil Cleanup Activities in the RAP Completed for South Campus Site (excluding South Campus Exchange Parcel)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/31/2016
Received Issue Date: 10/31/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6302366&temptable=ENFORCEMENT
Title Description Comments:

Groundwater Remedial Action Plan Addendum

Action Type: Response Requested - Reports

Action: Progress Report (Soil/GW/ Updates)
Action Date: 10/30/2016
Received Issue Date: 10/17/2016
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/30/2016
Received Issue Date: 10/30/2016
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 9/16/2016
Received Issue Date: 9/16/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5900735
Title Description Comments:

Conceptual Pavement Removal and RAP Schedule

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/30/2017
Received Issue Date: 1/30/2017
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/8/2016
Received Issue Date: 11/8/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5905105
Title Description Comments:

Soil Remedial Action Plan

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 7/30/2016
Received Issue Date: 7/20/2016
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2016
Received Issue Date: 7/30/2016
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/30/2012
Received Issue Date: 5/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6141028&temptable=ENFORCEMENT
Title Description Comments:

Human Health Risk Assessment

Action Type: Response Requested - Reports
Action: Risk Assessment Report
Action Date: 4/12/2012
Received Issue Date: 4/12/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5941891
Title Description Comments:

Human Health Risk Assessment

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/28/2012
Received Issue Date: 2/28/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6141025&temptable=ENFORCEMENT
Title Description Comments:

R9 Comments on Human Health Risk Assessment

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/6/2011
Received Issue Date: 5/6/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203684&temptable=ENFORCEMENT
Title Description Comments:

L-Ditch Remedial Action Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/13/2010
Received Issue Date: 12/13/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6071624&temptable=ENFORCEMENT
Title Description Comments:

Workplan Approval Letter

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/29/2010
Received Issue Date: 10/29/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6067886&temptable=ENFORCEMENT
Title Description Comments:

Comment Letter on Workplan for Groundwater Assessment Adjacent to Storm Drain

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/5/2010
Received Issue Date: 5/5/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5755785

Title Description Comments:

Chula Vista Bayfront Master Plan Settlement Agreement

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 4/20/2010
Received Issue Date: 4/20/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6004315
Title Description Comments:

Cooperative Remediation Agreement

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 2/2/2010
Received Issue Date: 2/2/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5753576
Title Description Comments:

Second Amendment to Relocation Agreement

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/28/2009
Received Issue Date: 7/28/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6024551&temptable=ENFORCEMENT
Title Description Comments:

2009-2010 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Conceptual Site Model - Regulator Responded
Action Date: 4/1/2019
Received Issue Date: 4/1/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5995605
Title Description Comments:

Updated Site Conceptual Model

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 4/1/2019
Received Issue Date: 4/1/2019
Doc Link:
Title Description Comments:

Soil Characterization Data Gap Evaluation - Historical Outfalls and Fill Areas - 5/22/19 Received additional comments from Port of SD on (1) 72-inch storm drain, (2) H&A's Soil Characterization Data Gap Evaluation, and (3) H&A's Updated SCM.

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 3/29/2019
Received Issue Date: 3/29/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5991804
Title Description Comments:

Soil Characterization Data Gap Evaluation - Historical Outfalls and Fill Areas

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 3/29/2019
Received Issue Date: 3/29/2019

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5991803
Title Description Comments:

Updated Site Conceptual Model

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/8/2019
Received Issue Date: 2/8/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6384939&temptable=ENFORCEMENT
Title Description Comments:

Proposed Well and Piezometer Demolition

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 1/30/2019
Received Issue Date: 1/30/2019
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/30/2019
Received Issue Date: 1/30/2019
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 1/28/2019
Received Issue Date: 1/28/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5984493
Title Description Comments:

South Campus H-23 Parcel - Soil Characterization Data Gap

Action Type: Response Requested - Workplans
Action: Remedial Investigation Workplan - Regulator Responded
Action Date: 1/14/2019
Received Issue Date: 1/14/2019
Doc Link:
Title Description Comments:

Revised Saturated Soil Sampling Plan

Action Type: Response Requested - Workplans
Action: Remedial Investigation Workplan - Regulator Responded
Action Date: 1/7/2019
Received Issue Date: 1/7/2019
Doc Link:
Title Description Comments:

Saturated Soil Sampling Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/15/2016
Received Issue Date: 6/15/2016

Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6289548&temptable=ENFORCEMENT
Title Description Comments:

Directive I.5 of CAO R9-2014-0019

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 5/23/2016
Received Issue Date: 5/23/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6004319
Title Description Comments:

Request for Extension of Abeyance Period

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 4/30/2016
Received Issue Date: 4/27/2016
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/30/2016
Received Issue Date: 4/30/2016
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Response Requested - Workplans
Action: Corrective Action Plan / Remedial Action Plan - Addendum
Action Date: 4/27/2016
Received Issue Date: 4/27/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5931961
Title Description Comments:

Redline Version - Groundwater Remedial Action Plan Addendum

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 6/27/2016
Received Issue Date: 6/27/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6322723&temptable=ENFORCEMENT
Title Description Comments:

2016-17 Annual Estimation Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/17/2016
Received Issue Date: 3/17/2016
Doc Link:
Title Description Comments:

3/17/16 Sweetwater Authority Comments

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other

Action Date: 11/30/2018
Received Issue Date: 11/30/2018
Doc Link:
Title Description Comments:

Letter Requesting Extension on Soil RAP Deadline As discussed in our 11/20/18 meeting, Rohr will send the Water Board a letter requesting an extension on the Soil RAP deadline date.

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/27/2018
Received Issue Date: 11/27/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5979773
Title Description Comments:

Cal-OSHA Complaint No. 1386234

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded
Action Date: 11/2/2018
Received Issue Date: 11/2/2018
Doc Link:
Title Description Comments:

Parcel H-23 Soil Characterization Data Gap

Action Type: Notices
Action: Letter - Notice
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6374484&temptable=ENFORCEMENT
Title Description Comments:

State Board Invoicing Delay Fiscal Year 2018-19 Letter

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 10/30/2018
Received Issue Date: 10/30/2018
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/30/2018
Received Issue Date: 10/30/2018
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/26/2018
Received Issue Date: 10/26/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6381204&temptable=ENFORCEMENT
Title Description Comments:

Parcel H-23 Soil Characterization Data Gap

Action Type: Enforcement/Orders
Action: Amendment to Order - #R9-2014-0019
Action Date: 12/31/2018
Received Issue Date: 12/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6380528&temptable=ENFORCEMENT
Title Description Comments:

Addendum No. 4 to CAO No. R9-2014-0019

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded
Action Date: 12/7/2018
Received Issue Date: 12/7/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5995606
Title Description Comments:

Proposed Well and Piezometer Demolition

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 10/26/2018
Received Issue Date: 10/26/2018
Doc Link:
Title Description Comments:

H-23 Parcel Soil Characterization Data Gap - 10/26/18 Port submitted tech memo. 11/2/2018 Port submitted revised tech memo. 11/5/18 Rohr submitted comments on revised tech memo. 11/16/18 SD Water Board submitted comments based on tech memo and comments.

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/29/2008
Received Issue Date: 7/29/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=5990434&temptable=ENFORCEMENT
Title Description Comments:

2008/2009 Annual Estimation Letter

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 4/24/2006
Received Issue Date: 4/25/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6089356
Title Description Comments:

Monitoring Well Construction Permit for 15 Clustered Wells.

Action Type: Cleanup Action
Action: Excavation
Action Date: 8/4/2004
Received Issue Date:
Doc Link:
Title Description Comments:

Sediment was removed in a tidal inlet area.

Action Type: Cleanup Action
Action: Excavation
Action Date: 4/3/2002
Received Issue Date:
Doc Link:
Title Description Comments:

Excavation pilot study was done to evaluate fesibility of performing interim remedial action.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 1/9/2000
Received Issue Date: 1/9/2000
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6008008
Title Description Comments:

Analysis of the Potential for Downward Leakage of Dissolved-Phase Chlorinated Hydrocarbons

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/11/2013
Received Issue Date: 10/11/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203676&temptable=ENFORCEMENT
Title Description Comments:

Concrete Joint Compound Removal Work Plan

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/9/2013
Received Issue Date: 7/9/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6166461&temptable=ENFORCEMENT
Title Description Comments:

2013/2014 Annual Estimation letter

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/6/2013
Received Issue Date: 5/6/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5770668
Title Description Comments:

Concrete Sample Data for South Campus Site in Chula Vista

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/2/2013
Received Issue Date: 5/2/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6164209&temptable=ENFORCEMENT
Title Description Comments:

Enrollment under Order No. R9-2008-0081, General WDR for In-Situ Groundwater Remediation Porjects within the San Diego Region

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 5/15/1998
Received Issue Date: 5/15/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6135613&temptable=ENFORCEMENT
Title Description Comments:

ACKNOWLEDGEMENT OF COST RECOVERY OBLIGATIONS AND AGREEMENT TO REIMBURSE

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/11/1998
Received Issue Date: 5/11/1998

Doc Link:
Title Description Comments:

Directive B - Comprehensive Storm Water Runoff Sampling Report

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order - #98-08
Action Date: 4/2/1998
Received Issue Date: 4/2/1998
Doc Link:
Title Description Comments:

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order - #98-08
Action Date: 4/2/1998
Received Issue Date: 4/2/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6272288&temptable=ENFORCEMENT
Title Description Comments:

Cleanup and Abatement Order No. 98-08

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 10/25/1999
Received Issue Date: 10/25/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6104452
Title Description Comments:

Phase I and Phase II Site Investigation (SECOR 1999)

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 7/13/1999
Received Issue Date: 7/13/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6046113
Title Description Comments:

RELOCATION AGREEMENT BY AND AMONG CITY OF CHULA VISTA, REDEVELOPMENT AGENCY OF THE CITY OF CHULA VISTA, SAN DIEGO UNIFIED PORT DISTRICT, AND ROHR, INC.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 7/13/1998
Received Issue Date: 7/13/1998
Doc Link:
Title Description Comments:

Directive C - Comprehensive Storm Water Conveyance System Investigation Report

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6104440
Title Description Comments:

ASTM Phase I - Site Assessment (AdrianBrown)

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998
Doc Link:

Title Description Comments:

Directive A - ASTM Phase I Site Assessment

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/27/1998
Received Issue Date: 5/27/1998
Doc Link:
Title Description Comments:

Directive D - Data Compilation and Evaluation Report

Action Type: Leak Action
Action: Leak Reported
Action Date: 1/1/1997
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/30/2022
Received Issue Date: 6/30/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6500931&temptable=ENFORCEMENT
Title Description Comments:

2022-23 Annual Estimation Letter

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 5/4/2022
Received Issue Date: 5/4/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6493739&temptable=ENFORCEMENT
Title Description Comments:

No Further Action for Vadose-Zone Soil

Action Type: Response Requested - Other
Action: Public Comment
Action Date: 3/11/2022
Received Issue Date: 3/11/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6069166
Title Description Comments:

Notice of Proposed No Further Action for Soil

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/13/2013
Received Issue Date: 3/13/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6051526
Title Description Comments:

REVISED REPORT ON IN-SITU BIOREMEDIATION PILOT TEST - REPORT OF WASTE DISCHARGE

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/12/2013
Received Issue Date: 3/12/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6151804&temptable=ENFORCEMENT

Title Description Comments:

In-Situ Bioremediation Pilot Test - Revised Report of Waste Discharge (3/12/13)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/5/2013
Received Issue Date: 3/5/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6151172&temptable=ENFORCEMENT
Title Description Comments:

In-Situ Bioremediation Pilot Test Work Plan (10/4/12)

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6087852
Title Description Comments:

Former Rohr UST Location Map - Foot of H Street

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6087845
Title Description Comments:

Former Rohr UST Location Map - South Campus

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 2/15/2013
Received Issue Date: 2/15/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6004176
Title Description Comments:

H Street Construction Environmental Monitoring Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/14/2013
Received Issue Date: 2/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6149828&temptable=ENFORCEMENT
Title Description Comments:

H Street Construction Environmental Monitoring Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/5/2013
Received Issue Date: 2/5/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6148684&temptable=ENFORCEMENT
Title Description Comments:

L-Ditch Remediation Completion Report (dated 4/27/12)

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 10/25/1993

Received Issue Date: 10/25/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6004297
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Action Type: Response Requested - Other
Action: Respond to Petition - Regulator Responded
Action Date: 8/6/1993
Received Issue Date: 8/6/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6168181
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/13/1984
Received Issue Date: 11/15/1984
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6153121
Title Description Comments:

ROHR Industries Plot Plan - Facilities Department Drain Map

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 2/8/1968
Received Issue Date: 2/8/1968
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5922300
Title Description Comments:

Latest Sampling Results of ROHR discharge

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 2/8/1968
Received Issue Date: 2/8/1968
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6153125
Title Description Comments:

Bldg and Tank Sampling Results for Copper and Chromium Collected 11/30/1967

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 3/1/1966
Received Issue Date: 3/1/1966
Doc Link:
Title Description Comments:

A Report on the Process Rince Waters and Other Wastes for the Water Quality Control Board

Action Type: Response Requested - Reports
Action: Operation and Maintenance Plan/Monitoring Report
Action Date: 3/1/1966
Received Issue Date: 3/1/1966
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6153114
Title Description Comments:

Process Rinse Water - A report on the process rinse waters and other wastes for the Water Quality Control Board

Action Type: Enforcement - Other
Action: UNK
Action Date:

Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/29/2013
Received Issue Date: 1/29/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6148225&temptable=ENFORCEMENT
Title Description Comments:

Revised Supplemental Soil Assessment Work Plan

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/22/2013
Received Issue Date: 1/22/2013
Doc Link:
Title Description Comments:

Case File Transfer Notification - Voluntary Assistance Program #H02457-012

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 1/15/2013
Received Issue Date: 1/15/2013
Doc Link:
Title Description Comments:

H Street Construction Environmental Monitoring Workplan - Meeting with Goodrich, Port, and City of CV on 1/28/13 to discuss the workplan. SD Water Board will provide comments at the meeting.

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/10/2013
Received Issue Date: 1/10/2013
Doc Link:
Title Description Comments:

Case Transfer Notification - Voluntary Assistance Program #H02457-006

Action Type: Response Requested - Reports
Action: Monitoring Report - Annually - Regulator Responded
Action Date: 12/21/2012
Received Issue Date: 12/21/2012
Doc Link:
Title Description Comments:

2012 Annual Groundwater Monitoring Report

Action Type: Response Requested - Reports
Action: Miscellaneous Decision Documents - Regulator Responded
Action Date: 12/19/2012
Received Issue Date: 12/19/2012
Doc Link:

Title Description Comments:

Groundwater Background Metals Evaluation

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/29/2013
Received Issue Date: 1/29/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6148205&temptable=ENFORCEMENT
Title Description Comments:

Revised Groundwater Background Metals Evaluation (dated 12/4/12)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/14/2012
Received Issue Date: 12/14/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6145075&temptable=ENFORCEMENT
Title Description Comments:

Groundwater Background Metals Evaluation (dated 10/12/12)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 2/4/2022
Received Issue Date: 2/4/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6486504&temptable=ENFORCEMENT
Title Description Comments:

Notice of Proposed No Further Action for Soil

Action Type: Enforcement/Orders
Action: Waste Discharge Requirements
Action Date: 12/23/2021
Received Issue Date: 12/23/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6483192&temptable=ENFORCEMENT
Title Description Comments:

Enrollment in Order No. R9-2008-0081, General Waste Discharge Requirements for In-Situ Groundwater Remediation Projects within the San Diego Region

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 9/27/2021
Received Issue Date: 9/27/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6476951&temptable=ENFORCEMENT
Title Description Comments:

Response to the SDRWQCB Comments on the April 2021 Revised Groundwater Remedial Action Plan

Action Type: Response Requested - Other
Action: Response to Comments - Regulator Responded
Action Date: 9/27/2021
Received Issue Date: 9/27/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6057808
Title Description Comments:

Response to the SDRWQCB Comments on the April 2021 Revised Groundwater Remedial Action Plan

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/5/2021
Received Issue Date: 11/5/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6060518
Title Description Comments:

Request for Coverage Under the General Waste Discharge Requirements (WDR Application)

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 10/18/2021
Received Issue Date:
Doc Link:
Title Description Comments:

Revised PFAS work plan in redline

Action Type: Response Requested - Reports
Action: CAP/RAP - Other Report
Action Date: 10/11/2021
Received Issue Date:
Doc Link:
Title Description Comments:

Revised Groundwater Remedial Action Plan in redline

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 10/7/2021
Received Issue Date: 10/7/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6060759
Title Description Comments:

Revised Work Plan for Per- and Polyfluoroalkyl Substances (PFAS) Sampling

Action Type: Response Requested - Other
Action: Response to Comments
Action Date: 9/10/2021
Received Issue Date:
Doc Link:
Title Description Comments:

Finalize draft response to Water Board's 7/16/21 comments on the South Campus GW RAP

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 9/8/2021
Received Issue Date: 9/8/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6057828
Title Description Comments:

OEHHA Review of Updated Post-Soil Remediation Human Health Risk Assessment

Action Type: Response Requested - Other
Action: Response to Comments
Action Date: *9/10/2021
Received Issue Date:
Doc Link:
Title Description Comments:

Written response to Water Board 7/28/21 comments on PFAS work plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/17/2016
Received Issue Date: 2/17/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6275923&temptable=ENFORCEMENT
Title Description Comments:

Groundwater Remedial Action Plan

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: 2/3/2016
Received Issue Date: 2/3/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5879496
Title Description Comments:

Groundwater Remedial Action Plan

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 1/30/2016
Received Issue Date: 1/8/2016
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/30/2016
Received Issue Date: 1/30/2016
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Enforcement/Orders
Action: Amendment to Order
Action Date: 12/17/2015
Received Issue Date: 12/17/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6270855&temptable=ENFORCEMENT
Title Description Comments:

Addendum No. 2 to CAO No. R9-2014-0019

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/19/2015
Received Issue Date: 11/19/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5870706
Title Description Comments:

Draft Addendum No. 2 to CAO No. R9-2014-0019

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6078834
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 2 of 5).

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6078832
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 1 of 5).

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6078836
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 3 of 5).

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6078840
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 5 of 5).

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6078838
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 4 of 5).

Action Type: Response Requested - Other
Action: Correspondence
Action Date:
Received Issue Date: 5/16/2014
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Correspondence
Action Date:
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Enforcement - Other
Action: UNK
Action Date:
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Agreements
Action: Cost Recovery Agreement Settlements / Decrees
Action Date:
Received Issue Date:

Doc Link:
Title Description Comments:

Action Type: Enforcement/Orders
Action: Administrative Civil Liabilities Complaint
Action Date:
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 7/28/2021
Received Issue Date: 7/28/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6472122&temptable=ENFORCEMENT
Title Description Comments:

PFAS Work Plan

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 7/16/2021
Received Issue Date: 7/16/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6471283&temptable=ENFORCEMENT
Title Description Comments:

Modifications to the Revised Groundwater Remedial Action Plan

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order
Action Date: 7/12/2021
Received Issue Date: 7/12/2021
Doc Link:
Title Description Comments:

Cleanup and Abatement Order No. R9-2021-0042

Action Type: Notices
Action: Notice of Termination
Action Date: 6/29/2021
Received Issue Date: 6/29/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6470104&temptable=ENFORCEMENT
Title Description Comments:

Termination of Enrollment in Order No. R9-2008-0081

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/24/2021
Received Issue Date: 6/24/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6469777&temptable=ENFORCEMENT
Title Description Comments:

FY 2021-22 Annual Estimation Letter

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 5/25/2021
Received Issue Date: 5/25/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?

global_id=SL209294204&enforcement_id=6467626&temptable=ENFORCEMENT

Title Description Comments:

Vapor Intrusion Investigation

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 2/10/2021
Received Issue Date: 2/10/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6043243
Title Description Comments:

Comments on the Revised Groundwater Remedial Action Plan

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: 12/22/2020
Received Issue Date: 12/22/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=6045433
Title Description Comments:

Revised Groundwater Remedial Action Plan

Action Type: Enforcement/Orders
Action: Amendment to Order
Action Date: 10/17/2018
Received Issue Date: 10/17/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6375835&temptable=ENFORCEMENT
Title Description Comments:

Addendum No. 3 to CAO No. 2014-0019

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 10/8/2018
Received Issue Date: 10/8/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5976555
Title Description Comments:

Addendum No. 1 to CAO No. R9-2014-0019

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded
Action Date: 8/6/2018
Received Issue Date: 8/6/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5972093
Title Description Comments:

Request to Postpone 2018 Groundwater Monitoring and Sampling Event

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/30/2018
Received Issue Date: 7/30/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6366291&temptable=ENFORCEMENT
Title Description Comments:

Revised Saturated Soil Sampling Plan

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2018

Received Issue Date: 7/30/2018
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Response Requested - Other
Action: Request for Closure
Action Date: 11/13/2015
Received Issue Date: 11/13/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5869766
Title Description Comments:

H Street Extension Cleanup and Abatement Completion Report

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 10/30/2015
Received Issue Date: 10/21/2015
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/30/2015
Received Issue Date: 10/30/2015
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 9/30/2015
Received Issue Date: 9/30/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6272991&temptable=ENFORCEMENT
Title Description Comments:

Forensic Chemistry Evaluation of Environmental Data from the Former Goodrich South Campus

Action Type: Response Requested - Reports
Action: Monitoring Report - Annually
Action Date: 9/30/2015
Received Issue Date: 10/6/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=SL209294204&doc_id=5867742
Title Description Comments:

2015 Annual Groundwater Monitoring Report, Former South Campus

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/24/2015
Received Issue Date: 8/24/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6257828&temptable=ENFORCEMENT
Title Description Comments:

Pesticides Screening Technical Report

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 7/30/2015
Received Issue Date: 7/21/2015
Doc Link:
Title Description Comments:

DEMP Technical Reports

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2015
Received Issue Date: 7/30/2015
Doc Link:
Title Description Comments:

RAP Implementation Progress Reports. 6/24/15 - SD Water Board granted request to temporarily discontinue progress reports until implementation of the groundwater RAP. See 6/24/15 letter.

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 8/28/2006
Type: ***Submitted:***
Submitted By: (REGULATOR)
Title: COST ESTIMATE LETTER 2006
Title Link: https://geotracker.waterboards.ca.gov/site_documents/5936909317/Goodrich%20EST%2006%2Epdf

Document Type: Site Documents ***Document Date:*** 4/27/2006
Type: ***Submitted:***
Submitted By: (REGULATOR)
Title: NEW REGULATIONS - ELECTRONIC SUBMITTAL OF INFORMATION
Title Link: https://geotracker.waterboards.ca.gov/site_documents/2082905411/BF%20Goodrich%20Aerospace%2Epdf

Document Type: Site Documents ***Document Date:*** 7/28/2005
Type: ***Submitted:***
Submitted By: (REGULATOR)
Title: CLEANUP AND ABATEMENT ORDER NO. 98-08
Title Link: https://geotracker.waterboards.ca.gov/site_documents/3336994767/CAO%201998%2D08%2Epdf%2Epdf

Document Type: Site Documents ***Document Date:*** 1/9/2000
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: ANALYSIS OF THE POTENTIAL FOR DOWNWARD LEAKAGE OF DISSOLVED-PHASE CHLORINATED HYDROCARBONS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6008008

Document Type: Site Documents ***Document Date:*** 8/29/2014
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CLARIFICATION ON SUBMITTAL OF INDIVIDUAL SOIL RAPS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4536440014/SL209294204.PDF

Document Type: Site Documents ***Document Date:*** 7/21/2014*
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2Q 2014 H STREET CONSTRUCTION AND EXCHANGE PARCEL DEMOLITION MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8535569667/SL209294204.PDF

Document Type: Site Documents ***Document Date:*** 6/10/2014
Type: CLEAN-UP AND ABATEMENT ORDER ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: TENTATIVE CAO R9-2014-0019 AND TECHNICAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6212005

Document Type: Site Documents ***Document Date:*** 4/10/2014*

Type: PILOT STUDY/ TREATABILITY REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST 1ST QUARTER 2014 REPORT AND SUMMARY OF BIOREMEDIATION PILOT TEST PERFORMANCE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8576546847/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/19/2014
Type: LETTER - NOTICE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: NOTICE OF WRITTEN COMMENT PERIOD - TENTATIVE CAO R9-2014-0019 & TECHNICAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6196378

Document Type: Site Documents **Document Date:** 1/31/2014
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SUPPLEMENTAL SOIL ASSESSMENT DATA SUMMARY REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1128135025/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/16/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2013 GROUNDWATER MONITORING PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6179274

Document Type: Site Documents **Document Date:** 8/27/2013*
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DEMOLITION ENVIRONMENTAL MONITORING PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6558167934/SL209294204.PDF

Document Type: Site Documents **Document Date:** 8/8/2013
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HEXAVALENT CHROMIUM SOIL BACKGROUND EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9616128146/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - FOOT OF H STREET - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6087852

Document Type: Site Documents **Document Date:** 3/12/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: IN-SITU BIOREMEDIATION PILOT TEST - REVISED REPORT OF WASTE DISCHARGE (3/12/13)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6151804

Document Type: Site Documents **Document Date:** 2/5/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: L-DITCH REMEDIATION COMPLETION REPORT (DATED 4/27/12)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6148684

Document Type: Site Documents **Document Date:** 1/29/2013*
Type: CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED IN-SITU CONCRETE CHARACTERIZATION AND WASTE PROFILING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3436071813/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/30/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**

Submitted By: TOM ALO (REGULATOR)
Title: HUMAN HEALTH RISK ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6141028

Document Type: Site Documents **Document Date:** 5/3/2012*
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CONCEPTUAL PLAN FOR CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2633457243/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/28/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: R9 COMMENTS ON HUMAN HEALTH RISK ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6141025

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT (PART 3 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6078836

Document Type: Site Documents **Document Date:** 5/5/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CHULA VISTA BAYFRONT MASTER PLAN SETTLEMENT AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5755785

Document Type: Site Documents **Document Date:** 12/21/2007
Type: SITE INVESTIGATION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SC SITE CHARACTERIZATION DATAGAP ASSESSMENT_FIGURES 2-3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2983614265/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/17/2007
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HUMAN HEALTH RISK ASSESSMENT REPORT, TEXT&TABLES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2477593541/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/3/2007
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 60-DAY DRILLING REPORT OFF-SITE GROUNDWATER INVESTIGATION, PERMIT LMON #104211
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8338912785/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/15/2007
Type: WORKPLANS - INVESTIGATION WP **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: WORK PLAN FOR SEDIMENT SAMPLING L-DITCH AND STORM WATER CONVEYANCE SYSTEM
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7194608926/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/12/2019
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CAO DEADLINE EXTENSION REQUEST - SOIL RAP COMPLETION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6010944

Document Type: Site Documents **Document Date:** 10/14/2019
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: RESPONSE TO HALEY & ALDRICH'S REVIEW OF TETRA TECH TERENCH AND GRAB SAMPLES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6009705

Document Type: Site Documents **Document Date:** 7/26/2019
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)

Title: INDUSTRIAL USER DISCHARGE PERMIT #13-0480-03-A
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6000246

Document Type: Site Documents **Document Date:** 4/1/2019*
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: UPDATED SITE CONCEPTUAL MODEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8294366657/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/28/2019
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOUTH CAMPUS H-23 PARCEL - SOIL CHARACTERIZATION DATA GAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5984493

Document Type: Site Documents **Document Date:** 8/6/2018
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REQUEST TO POSTPONE 2018 GROUNDWATER MONITORING AND SAMPLING EVENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5972093

Document Type: Site Documents **Document Date:** 6/27/2016
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2016-17 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6322723

Document Type: Site Documents **Document Date:** 2/17/2016
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6275923

Document Type: Monitoring Reports **Document Date:** 10/21/2019*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: THIRD QUARTER 2019 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA, RWQCB REFERENCE: SL209294204:TALO
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4104448795/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 5/8/2018
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: THIRD QUARTER 2015 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7286719202/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/17/2015
Type: AMENDMENT TO ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ADDENDUM NO. 2 TO CAO NO. R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6270855

Document Type: Monitoring Reports **Document Date:** 1/15/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2015 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1383131563/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/2/2014
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST 3Q 2014 MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3809287786/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/24/2014*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2014 MONITORING REPORT H STREET CONSTRUCTION ENVIRONMENTAL MONITORING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6312898159/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 8/20/2013*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST QUARTERLY MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4392112493/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/12/2015
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS HEXAVALENT CHROMIUM GROUNDWATER BACKGROUND EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1269540011/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/22/2015
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED SOIL INVESTIGATION AND GROUNDWATER CONDITIONS WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1870108067/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/12/2015
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: EXCHANGE PARCEL - NO FURTHER ACTION FOR WASTES DISCHARGED TO SOIL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6238751

Document Type: Site Documents **Document Date:** 1/20/2015
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: UPDATED RESPONSE TO COMMENTS FOCUSED FEASIBILITY EVALUATION - H STREET EXPANSION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9772941350/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/12/2015
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED ADDENDUM TO THE SOIL INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2778649508/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/11/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS RECEIVED ON DECEMBER 1, 2014 ADDENDUM TO SOIL INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3621344864/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 2/26/2009*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2008 SEMIANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4325219273/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/10/2014
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: EVALUATION OF PCB IMPACTS IN THE H-STREET VICINITY - GOODRICH SOUTH CAMPUS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8775453567/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/16/2014
Type: OTHER WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FINAL PESTICIDES SCREENING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8630357861/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/24/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PETITION OF ROHR, INC. - CAO NO. R9-2014-0019 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5817283

Document Type: Site Documents **Document Date:** 5/11/2022
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PERIOD SEPTEMBER 27, 2021 THROUGH MARCH 31, 2022 PROGRESS SUMMARY GROUNDWATER REMEDIATION FORMER ROHR, INC. SOUTH CAMPUS FACILITY ROHR, INC. - A RAYTHEON TECHNOLOGIES CORPORATION, COLLINS AEROSPACE COMPANY FORMER SOUTH CAMPUS, 850 LAGOON DRIVE, CHULA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4399676322/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/11/2022
Type: PUBLIC COMMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: NOTICE OF PROPOSED NO FURTHER ACTION FOR SOIL - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6069166

Document Type: Site Documents **Document Date:** 9/27/2021*
Type: RESPONSE TO COMMENTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: RESPONSE TO THE SDRWQCB COMMENTS ON THE APRIL 2021 REVISED GROUNDWATER REMEDIAL ACTION PLAN FORMER SOUTH CAMPUS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3970040082/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/25/2021
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: VAPOR INTRUSION INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6467626

Document Type: Site Documents **Document Date:** 2/10/2021
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: COMMENTS ON THE REVISED GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6043243

Document Type: Site Documents **Document Date:** 10/20/2020*
Type: RESPONSE TO COMMENTS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSES TO SAN DIEGO UNIFIED PORT DISTRICT COMMENTS TO SOIL CLEANUP AND ABATEMENT REPORT, SOIL REMEDIATION NORTH OF EXCHANGE PARCEL, FORMER SOUTH CAMPUS PROPERTY, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6746073842/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/30/2007
Type: WORKPLANS - RISK ASSESSMENT RELATED WP **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HUMAN HEALTH RISK ASSESSMENT WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8754255533/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/16/2020*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO TETRA TECH'S TECHNICAL MEMORANDUM, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7442195057/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/25/2006
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: MONITORING WELL CONSTRUCTION PERMIT FOR 15 CLUSTERED WELLS.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6089356

Document Type: Site Documents **Document Date:** 10/25/1999
Type: SITE INVESTIGATION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHASE I AND PHASE II SITE INVESTIGATION (SECOR 1999)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6104452

Document Type: Site Documents **Document Date:** 9/17/2019
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: H-23 PARCEL COMMENTS ON SITE CONCEPTUAL MODEL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6009707

Document Type: Site Documents **Document Date:** 8/6/2019
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-23 DATA GAP INVESTIGATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6001753

Document Type: Site Documents **Document Date:** 7/13/1999
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: RELOCATION AGREEMENT BY AND AMONG CITY OF CHULA VISTA, REDEVELOPMENT AGENCY OF THE CITY OF CHULA VISTA, SAN DIEGO UNIFIED PORT DISTRICT, AND ROHR, INC.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6046113

Document Type: Site Documents **Document Date:** 11/15/1984
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ROHR INDUSTRIES PLOT PLAN - FACILITIES DEPARTMENT DRAIN MAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6153121

Document Type: Monitoring Reports **Document Date:** 9/2/2022
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2022 PFAS SAMPLING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9212375223/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/8/2018
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ADDENDUM NO. 1 TO CAO NO. R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5976555

Document Type: Site Documents **Document Date:** 6/20/2017
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2017-18 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6323794

Document Type: Site Documents **Document Date:** 11/8/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOIL REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5905105

Document Type: Site Documents **Document Date:** 4/27/2016
Type: CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN - ADDENDUM **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REDLINE VERSION - GROUNDWATER REMEDIAL ACTION PLAN ADDENDUM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5931961

Document Type: Site Documents **Document Date:** 11/19/2015
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: DRAFT ADDENDUM NO. 2 TO CAO NO. R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5870706

Document Type: Monitoring Reports **Document Date:** 6/30/2021*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SECOND QUARTER 2021 DEMOLITION ENVIRONMENTAL MONITORING AND SOIL REMEDIATION ACTION PLAN IMPLEMENTATION PROGRESS REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9532692670/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/22/2021*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2021 DEMOLITION ENVIRONMENTAL MONITORING AND SOIL REMEDIATION ACTION PLAN IMPLEMENTATION PROGRESS REPORRT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8851128339/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/8/2015
Type: POLANCO AGRMNT/REDEV AGENCY ENV OVERSIGHT AGRMNT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: POLANCO IMMUNITIES FOR THE SOIL PORTION OF THE CHULA VISTA BAYFRONT EXCHANGE LANDS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6244121

Document Type: Site Documents **Document Date:** 4/15/2015
Type: AMENDMENT TO ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ADDENDUM NO. 1 TO CAO NO. R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6241916

Document Type: Site Documents **Document Date:** 9/3/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REQUEST TO POSTPONE SUBMITTAL OF RESPONSES TO RWQCB COMMENTS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1457664251/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/30/2017*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2017 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2761917352/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/18/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: THIRD QUARTER 2016 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6129087984/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/10/2014*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2013 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3361421108/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/8/2014*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST 4TH QUARTER 2013 MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1734769701/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/1/2013
Type: SITE INVESTIGATION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: REPORT OF SOURCE EVALUATION OF WASTE AT OUTFALL 4 L-DITCH - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5874464

Document Type: Site Documents **Document Date:** 10/28/2013
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REQUEST FOR SOUTH CAMPUS CONCRETE REUSE CRITERIA - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5788358

Document Type: Monitoring Reports **Document Date:** 5/5/2010*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2009 SEMIANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3076127409/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/29/2008*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2007 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9785006463/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 8/10/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: 4TH QUARTER 2006 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8271681070/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/25/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2006 SEMIANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9957807779/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 5/12/2006*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: REPORT OF SITE INVESTIGATION AND GROUNDWATER MODELING FOR EVALUATION OF ENVIRONMENTAL IMPACTS RELATED TO PROPOSED UNDERGROUNDING OF SDG&E POWER LINES ACROSS GOODRICH AEROSTRUCTURES FACILITY
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3553973138/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/12/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: EXTENSION REQUEST SOIL AND GROUNDWATER DATA GAP INVESTIGATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7954154729/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/11/2014
Type: REMEDIAL INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED INVESTIGATION/FEASIBILITYSTUDY/REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1230538547/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/10/2014
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 3Q 2014 RAP IMPLEMENTATION PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9447394669/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/9/2014
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: JOINT COMPOUND MATERIAL REMOVAL COMPLETION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4521745800/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/19/2014
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ADDENDUM TO THE SOIL INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN - EXCHANGE PARCEL - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5821008

Document Type: Site Documents **Document Date:** 12/19/2012
Type: EVALUATION / ASSESSMENT MONITORING PROGRAM (EMP/AMP) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: GROUNDWATER BACKGROUND METALS EVALUATION

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6906297206/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/27/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: RESPONSE TO COMMENTS - SUPPLEMENTAL SOIL ASSESSMENT WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6143542

Document Type: Site Documents **Document Date:** 10/12/2012*
Type: REMEDIAL INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: GROUNDWATER BACKGROUND METALS EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1229261279/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/4/2012*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SUPPLEMENTAL SOIL ASSESSMENT WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8456166088/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/30/2012
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: L-DITCH COMPLETION RPT - PT. 1OF5 TXT_TBLS_FIGS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7843430995/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/20/2022
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: SECOND QUARTER 2022 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2271076858/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/23/2021
Type: WASTE DISCHARGE REQUIREMENTS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ENROLLMENT IN ORDER NO. R9-2008-0081, GENERAL WASTE DISCHARGE REQUIREMENTS FOR IN-SITU GROUNDWATER REMEDIATION PROJECTS WITHIN THE SAN DIEGO REGION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6483192

Document Type: Site Documents **Document Date:** 9/8/2021
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: OEHHA REVIEW OF UPDATED POST-SOIL REMEDIATION HUMAN HEALTH RISK ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6057828

Document Type: Site Documents **Document Date:** 7/28/2021
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PFAS WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6472122

Document Type: Site Documents **Document Date:** 7/16/2021
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: MODIFICATIONS TO THE REVISED GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6471283

Document Type: Site Documents **Document Date:** 4/30/2012
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: L-DITCH COMPLETION RPT - PT. 3OF5 APPXF-H
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8030885219/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA

BAYFRONT REDEVELOPMENT PROJECT (PART 2 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6078834

Document Type: Site Documents **Document Date:** 7/27/2022*
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: FORMER SOUTH CAMPUS GROUNDWATER REMEDY IMPLEMENTATION AND MONITORING REPORT - BASELINE/ANNUAL AND FIRST QUARTER 2022
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4045413374/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/30/2022
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2022-23 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6500931

Document Type: Site Documents **Document Date:** 6/30/2021*
Type: FINAL REMEDIAL ACTION REPORT / CORRECTIVE ACTION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED SOIL CLEANUP AND ABATEMENT COMPLETION REPORT, SOIL REMEDIATION NORTH OF EXCHANGE PARCEL, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4891085982/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/25/2020
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2020-21 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6469164

Document Type: Site Documents **Document Date:** 5/21/2009
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: OFF-SITE MONITORING WELL INSTALLATION AND GWM REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2241029143/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/17/2007*
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HUMAN HEALTH RISK ASSESSMENT REPORT, APPX. G-H
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9404351651/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/20/2007*
Type: CORRESPONDENCE - OTHER **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS, HUMAN HEALTH RISK ASSESSMENT WORK PLAN, SMC: 20-0283.05PEURP
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3722201287/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/15/2007
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SMC: 20-0283.051 PEURP, L-DITCH SURFACE WATER SAMPLING, L-DITCH SEDIMENT SAMPLING WORK PLAN ADDENDUM
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4206190347/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/24/2019*
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS, REVISED SOIL CHARACTERIZATION WORK PLAN, FORMER ROHR SOUTH CAMPUS, H-23 PARCEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4557000219/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 9/29/2022*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: FORMER SOUTH CAMPUS WELL INSTALLATION AND GROUNDWATER MONITORING REPORT - ADDITIONAL BASELINE AND SECOND QUARTER 2022
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5613879621/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/17/2018
Type: AMENDMENT TO ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ADDENDUM NO. 3 TO CAO NO. 2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6375835

Document Type: Site Documents **Document Date:** 11/8/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOIL REMEDIAL ACTION PLAN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5905105

Document Type: Site Documents **Document Date:** 5/23/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REQUEST FOR EXTENSION OF ABEYANCE PERIOD - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6004319

Document Type: Site Documents **Document Date:** 12/14/2015
Type: REMEDIAL INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3657713472/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/8/2020*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2020 ANNUAL GROUNDWATER MONITORING REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1582499623/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/27/2020*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2019 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA RWQCB REFERENCE: SL209294204:TALO
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6168523967/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/21/2019*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2019 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3118423700/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/17/2015
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2015 REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9299013257/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/16/2015
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST 1ST QUARTER 2015 MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7348594009/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/13/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: IDENTIFICATION OF NEW ENVIRONMENTAL CONCERNS IN SOIL PURSUANT TO DIRECTIVE I.5 OF CAO NO. R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6241649

Document Type: Site Documents **Document Date:** 8/29/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: GROUNDWATER MONITORING PROGRAM RESPONSE TO COMMENTS

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7228370428/SL209294204.PDF

Document Type: Site Documents **Document Date:** 8/29/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS DERIVATION OF SITE-SPECIFIC GROUNDWATER QUALITY PROTECTION LEVELS FOR VADOSE ZONE SOIL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6415894985/SL209294204.PDF

Document Type: Site Documents **Document Date:** 8/6/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PESTICIDES SCREENING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6216100

Document Type: Monitoring Reports **Document Date:** 10/15/2013
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2013 GROUNDWATER MONITORING PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6899490296/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/28/2014
Type: OTHER WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: MANAGEMENT PLAN FOR WASTES IN CONCRETE, ASPHALT AND JOINT COMPOUND MATERIAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6063170015/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/6/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN - SOUTH CAMPUS EXCHANGE PARCEL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6206021

Document Type: Site Documents **Document Date:** 5/19/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FINAL REVISED IN-SITU CONCRETE CHARACTERIZATION AND WASTE PROFILING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203554

Document Type: Site Documents **Document Date:** 9/11/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED DERIVATION OF SITE-SPECIFIC GROUNDWATER QUALITY PROTECTION LEVELS FOR VADOSE ZONE SOIL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5819042

Document Type: Monitoring Reports **Document Date:** 4/30/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: 3Q08 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5341579616/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 8/10/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: SALT BATH 2ND QUARTER AND 4TH QUARTER GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6254576742/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 8/10/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: 1ST QUARTER 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5008407413/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 2/12/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**

Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2005 SEMIANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1629562199/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/31/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: DERIVATION OF SITE-SPECIFIC GROUNDWATER QUALITY PROTECTION LEVELS FOR VADOSE ZONE SOIL - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5799043

Document Type: Site Documents **Document Date:** 1/29/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED SUPPLEMENTAL SOIL ASSESSMENT WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6148225

Document Type: Site Documents **Document Date:** 11/6/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: IN-SITU BIOREMEDATION PILOT TEST (DATED 10/4/12)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6142003

Document Type: Site Documents **Document Date:** 6/24/2021
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2021-22 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6469777

Document Type: Site Documents **Document Date:** 7/14/2020
Type: POST CLOSURE MAINTENANCE PLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: EROSION PREVENTION COVER MAINTENANCE PLAN, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5349767863/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/11/2020
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: UPDATED SITE CONCEPTUAL MODEL, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5824732899/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/24/2020
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOUTH CAMPUS RAP IMPLEMENTATION COMMUNICATION PROCESS FOR EXCAVATION SAMPLING AND DATA EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6025523

Document Type: Site Documents **Document Date:** 3/17/2020
Type: FEASIBILITY STUDY (FS) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED SOIL REMEDIAL ACTION PLAN UPDATE FOR TP-10 AREA, AND RESPONSE TO SDRWQCB COMMENTS FORMER SOUTH CAMPUS CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8372774600/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/29/2006
Type: **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: INDUSTRIAL WASTE DISPOSAL REPORT, ROHR AIRCRAFT CORPORATION 11-6-58
Title Link: https://geotracker.waterboards.ca.gov/site_documents/1339680314/Rohr%20Industrial%20Waste%20Disposal%20Report%201958%2Epdf

Document Type: Site Documents **Document Date:** 11/23/2004
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HYDROGEOLOGIC AND GROUND WATER QUALITY EVALUATION REPORT (REVISION 3)

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7532457828/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/1/1966
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PROCESS RINSE WATER - A REPORT ON THE PROCESS RINSE WATERS AND OTHER WASTES FOR THE WATER QUALITY CONTROL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6153114

Document Type: Site Documents **Document Date:** 3/20/1952
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHOTOGRAPHS TAKEN BY SAN DIEGO WATER BOARD STAFF AT AND AROUND THE ROHR FACILITY FOLLOWING SHELLFISH AND BIRD POISONING. - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6161070

Document Type: Site Documents **Document Date:** 11/8/2019
Type: SITE INVESTIGATION **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-23 DATA GAP INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6011426

Document Type: Site Documents **Document Date:** 10/3/2019
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVIEW OF TETRA TECH TRENCH AND GRAB SAMPLES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6009718

Document Type: Site Documents **Document Date:** 9/17/2019
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: H-23 PARCEL EXCAVATION SOIL SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6009710

Document Type: Site Documents **Document Date:** 11/27/2018
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CAL-OSHA COMPLAINT NO. 1386234
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5979773

Document Type: Site Documents **Document Date:** 8/6/2018
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REQUEST TO POSTPONE 2018 GROUNDWATER MONITORING AND SAMPLING EVENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5972093

Document Type: Monitoring Reports **Document Date:** 4/18/2018
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2018 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4596001684/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2017
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SECOND QUARTER 2017 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4680198371/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/17/2017*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2016 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9794847488/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/16/2015

Type: MONITORING REPORT - ANNUALLY ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2014 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4240089178/SL209294204.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/13/2015
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST 4TH QUARTER 2014 MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2728782415/SL209294204.PDF

Document Type: Site Documents ***Document Date:*** 3/16/2015
Type: TECHNICAL MEMOS ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BUILDING 42 BORINGS, FORMER ROHR SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5840976

Document Type: Site Documents ***Document Date:*** 1/14/2015
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2014 REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9467653393/SL209294204.PDF

Document Type: Site Documents ***Document Date:*** 6/30/2014
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: FY 2014-15 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6210248

Document Type: Monitoring Reports ***Document Date:*** 10/8/2013*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST 3RD QUARTER 2013 MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8076341152/SL209294204.PDF

Document Type: Site Documents ***Document Date:*** 9/12/2014
Type: SOIL AND WATER INVESTIGATION REPORT ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED DERIVATION OF SITE-SPECIFIC GROUNDWATER QUALITY PROTECTION LEVELS FOR VADOSE ZONE SOIL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9536973476/SL209294204.PDF

Document Type: Site Documents ***Document Date:*** 9/11/2014
Type: OTHER WORKPLAN ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FINAL GROUNDWATER MONITORING PROGRAM AND PROPOSED FIVE YEAR GROUNDWATER SAMPLING PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2275794327/SL209294204.PDF

Document Type: Site Documents ***Document Date:*** 1/31/2014
Type: CAP/RAP - FEASIBILITY STUDY REPORT ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4412453830/SL209294204.PDF

Document Type: Site Documents ***Document Date:*** 10/11/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: CONCRETE CLEANING TEST WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6178672

Document Type: Site Documents ***Document Date:*** 9/20/2013
Type: TECHNICAL MEMOS ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: MEMORANDUM - SUMMARY OF BLACK LAYER OCCURRENCE AND ITS LACK OF CORRELATION WITH PCB DISTRIBUTION IN SOILS

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4708143770/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/18/2012*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2011 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2656620800/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/20/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: 2Q 2008 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9677883327/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 2/8/1968
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: LATEST SAMPLING RESULTS OF ROHR DISCHARGE - SAMPLING RESULTS
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4689574301/ROHR%20Sampling%20Results%201968%2Epdf

Document Type: Site Documents **Document Date:** 3/5/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: IN-SITU BIOREMEDIATION PILOT TEST WORK PLAN (10/4/12)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6151172

Document Type: Site Documents **Document Date:** 12/14/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: GROUNDWATER BACKGROUND METALS EVALUATION (DATED 10/12/12)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6145075

Document Type: Site Documents **Document Date:** 12/10/2012
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REQUEST FOR INVESTIGATION OF LEAD CONTAINING SOIL, REFERENCE #SL209294204:TALO
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3745969414/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/4/2012*
Type: SOIL AND WATER INVESTIGATION WORKPLAN - ADDENDUM **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED SUPPLEMENTAL SOIL ASSESSMENT WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2406736016/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/4/2012*
Type: PILOT STUDY/ TREATABILITY REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST REPORT OF WASTE DISCHARGE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1168824672/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/30/2012
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL EXCAVATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2989477574/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/12/2012
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: HUMAN HEALTH RISK ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5941891

Document Type: Site Documents **Document Date:** 3/18/2011*
Type: CAP/RAP - FINAL REMEDIATION / DESIGN **Submitted:**

PLAN
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: L-DITCH REMEDIAL ACTION PLAN_PT. 1 OF 2_TXT,TABLES,FIGURES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8484513282/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/29/2010
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: COMMENT LETTER ON WORKPLAN FOR GROUNDWATER ASSESSMENT ADJACENT TO STORM DRAIN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6067886

Document Type: Site Documents **Document Date:** 5/4/2022
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: NO FURTHER ACTION FOR VADOSE-ZONE SOIL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6493739

Document Type: Site Documents **Document Date:** 11/5/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REQUEST FOR COVERAGE UNDER THE GENERAL WASTE DISCHARGE REQUIREMENTS (WDR APPLICATION)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5051440775/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/7/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED WORK PLAN FOR PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6060759

Document Type: Site Documents **Document Date:** 9/27/2021
Type: RESPONSE TO COMMENTS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: RESPONSE TO THE SDRWQCB COMMENTS ON THE APRIL 2021 REVISED GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6057808

Document Type: Site Documents **Document Date:** 7/29/2008
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2008/2009 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=5990434

Document Type: Site Documents **Document Date:** 7/31/2007
Type: **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ANNUAL COST RECOVERY LETTER 2007/2008
Title Link: https://geotracker.waterboards.ca.gov/site_documents/1368382096/Annual%20Estimation%20Letter%2Epdf

Document Type: Site Documents **Document Date:** 7/17/2007*
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HUMAN HEALTH RISK ASSESSMENT REPORT, APPX. A-F
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3795065641/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/15/2007
Type: SITE INVESTIGATION **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SEDIMENT SAMPLING REPORT FOR L-DITCH, VOLUME III OF IV, APPENDIX C, PART 1 OF 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5173124015/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/13/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED REPORT ON IN-SITU BIOREMEDIATION PILOT TEST - REPORT OF WASTE DISCHARGE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6051526

Document Type: Site Documents **Document Date:** 2/15/2013

Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: H STREET CONSTRUCTION ENVIRONMENTAL MONITORING PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6004176

Document Type: Site Documents **Document Date:** 7/1/2012
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2012-13 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6140591

Document Type: Site Documents **Document Date:** 9/30/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FORENSIC CHEMISTRY EVALUATION OF ENVIRONMENTAL DATA FROM THE FORMER GOODRICH SOUTH CAMPUS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6272991

Document Type: Site Documents **Document Date:** 7/24/2015
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO SDRWQCB COMMENTS HEXAVALENT CHROMIUM GROUNDWATER BACKGROUND EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7343743503/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/6/2015
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: EXCHANGE PARCEL CLEANUP AND ABATMENT COMPLETION REPORT - SOIL REMEDIATION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5829530

Document Type: Site Documents **Document Date:** 2/6/2015
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: EXCHANGE PARCEL CLEANUP AND ABATMENT COMPLETION REPORT - SOIL REMEDIATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5829530

Document Type: Site Documents **Document Date:** 2/5/2015
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PESTICIDES SCREENING TECHNICAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1115213751/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT (PART 1 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6078832

Document Type: Site Documents **Document Date:** 5/31/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: H STREET EXTENSION - GEOTECHNICAL INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6961680531/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/6/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: L-DITCH REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203684

Document Type: Site Documents **Document Date:** 11/21/2014
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**

Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL INVESTIGATION AND GROUNDWATER CONDITIONS WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2479453384/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/26/2014*
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS, PESTICIDES SCREENING WORKPLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4476015210/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/11/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED DERIVATION OF SITE-SPECIFIC GROUNDWATER QUALITY PROTECTION LEVELS FOR VADOSE ZONE SOIL - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5819042

Document Type: Site Documents **Document Date:** 7/28/2009
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2009-2010 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6024551

Document Type: Site Documents **Document Date:** 12/21/2007
Type: SITE INVESTIGATION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SC SITE CHARACTERIZATION DATAGAP ASSESSMENT_FIGURES 1-2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9938737273/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/15/2007
Type: SITE INVESTIGATION **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SEDIMENT SAMPLING REPORT FOR L-DITCH, VOLUME I OF IV, TEXT, TABLES, AND APPENDIXES A, B, D, AND E
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3740466058/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/15/2007
Type: SITE INVESTIGATION **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SEDIMENT SAMPLING REPORT FOR L-DITCH, VOLUME II OF IV, FIGURES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4847105264/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/15/2007
Type: SITE INVESTIGATION **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SEDIMENT SAMPLING REPORT FOR L-DITCH, VOLUME IV OF IV, APPENDIX C, PART 2 OF 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7514311075/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/30/2007
Type: WORKPLANS - RISK ASSESSMENT RELATED WP **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO OEHHA 10 JANUARY 2007 COMMENTS, HUMAN HEALTH RISK ASSESSMENT WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8948811173/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/30/2007
Type: SITE INVESTIGATION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: ADDITIONAL INFORMATION, UST REMOVAL ACTIVITIES, UST NO. 15 AND 16
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2334747135/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/1/2022*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3077197074/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/26/2020

Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REQUEST FOR FURTHER EXTENSION OF ABEYANCE PERIOD - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6025927

Document Type: Site Documents **Document Date:** 6/23/2020
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL REMEDIAL ACTION PLAN COMPLETION, FORMER SOUTH CAMPUS, NORTH OF EXCHANGE PARCEL, CHULA VISTA, CALIFORNIA, SDRWCQCB REFERENCE: SL209294204:TALO
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2711239159/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/4/1998
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ASTM PHASE I - SITE ASSESSMENT (ADRIANBROWN)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6104440

Document Type: Site Documents **Document Date:** 10/25/1993
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6004297

Document Type: Monitoring Reports **Document Date:** 6/24/2022*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SPRING 2022 EROSION PREVENTION COVER MONITORING REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2443972587/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/24/2022*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2021 DEMOLITION ENVIRONMENTAL MONITORING AND SOIL REMEDIATION ACTION PLAN IMPLEMENTATION PROGRESS REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4573876142/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/18/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN EXCHANGE PARCEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2204042553/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/24/2014
Type: CLEAN-UP AND ABATEMENT ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FINAL CAO R9-2014-0019 & TECHNICAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6211980

Document Type: Site Documents **Document Date:** 5/21/2014*
Type: OTHER WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PESTICIDES SCREENING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4608054459/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 6/30/2021*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SPRING 2021 EROSION PREVENTION COVER MONITORING REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9792170643/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/6/2020*
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED TEST PIT TP-10 INVESTIGATION WORK PLAN FORMER SOUTH CAMPUS, H-23 PARCEL

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6615804851/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/6/2019
Type: RESPONSE TO COMMENTS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSES TO COMMENTS, REVIEW OF UPDATED SITE CONCEPTUAL MODEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6405121088/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/5/2019
Type: RESPONSE TO COMMENTS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSES TO COMMENTS 6 AND 7, REVIEW OF TETRA TECH TRENCH AND GRAB SAMPLES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7293386638/SL209294204.PDF

Document Type: Site Documents **Document Date:** 8/22/2019*
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: UPDATED SITE CONCEPTUAL MODEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6518107533/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/31/2018
Type: AMENDMENT TO ORDER **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR), TOM ALO (REGULATOR)
Title: ADDENDUM NO. 4 TO CAO NO. R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6380528

Document Type: Site Documents **Document Date:** 3/19/2014
Type: CLEAN-UP AND ABATEMENT ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: TENTATIVE TECHNICAL REPORT FOR CLEANUP AND ABATEMENT ORDER NO. R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6196376

Document Type: Site Documents **Document Date:** 2/26/2014
Type: ENVIRONMENTAL RESPONSE OBLIGATION ADDENDUM **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOCUSED FEASIBILITY EVALUATION, H STREET EXPANSION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8743228971/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/30/2018
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: THIRD QUARTER 2018 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1349240243/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/29/2014
Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED IN-SITU CONCRETE CHARACTERIZATION AND WASTE PROFILING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5798568

Document Type: Site Documents **Document Date:** 12/20/2013
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REQUEST FOR EXTENSION OF SOURCE EVALUATION OF WASTE AT OUTFALL 4, L-DITCH, AND GOODRICH AEROSTRUCTURES MANUFACTURING FACILITIES - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6004318

Document Type: Site Documents **Document Date:** 1/29/2014
Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED IN-SITU CONCRETE CHARACTERIZATION AND WASTE PROFILING WORK PLAN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5798568

Document Type: Site Documents **Document Date:** 10/11/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**

Submitted By: TOM ALO (REGULATOR)
Title: CONCRETE JOINT COMPOUND REMOVAL WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203676

Document Type: Monitoring Reports **Document Date:** 10/30/2017*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: THIRD QUARTER 2017 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3402420282/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/18/2016
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2016 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8189581334/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/14/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2014 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5055456578/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/26/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-23 SOIL CHARACTERIZATION DATA GAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6381204

Document Type: Site Documents **Document Date:** 7/19/2018*
Type: REMOVAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: JOINT COMPOUND MATERIAL REMOVAL COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4491879403/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/2/2018
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6364789

Document Type: Site Documents **Document Date:** 5/25/2018
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PROPOSED SATURATED SOIL SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8618344247/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/3/2018
Type: REMEDIAL INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED SOIL REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1015942513/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/18/2016
Type: REMEDIAL INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2760713577/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/15/2016
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: DIRECTIVE I.5 OF CAO R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6289548

Document Type: Site Documents **Document Date:** 2/3/2016

Type: CAP/RAP - FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5879496

Document Type: Monitoring Reports **Document Date:** 10/29/2021
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: THIRD QUARTER 2021 DEMOLITION ENVIRONMENTAL MONITORING AND REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1693103194/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/8/2020*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FALL 2020 EROSION PREVENTION COVER MONITORING REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7414116621/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 7/14/2020
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SECOND QUARTER 2020 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMDIAL ACTIOIN PLAN IMPLEMENTATION PROGRRESS REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA, RWQCB REFERENCE: SL209294204:TALO
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3648510277/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 7/19/2019
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SECOND QUARTER 2019 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA, RWQCB REFERENCE: SL209294204:TALO
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4623879492/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/30/2019*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2018 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT - VOLUME II
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3773566126/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/31/2016
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: GROUNDWATER REMEDIAL ACTION PLAN ADDENDUM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6302366

Document Type: Site Documents **Document Date:** 9/16/2016
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CONCEPTUAL PAVEMENT REMOVAL AND RAP SCHEDULE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5900735

Document Type: Site Documents **Document Date:** 8/27/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PESTICIDE SCREENING WORK PLAN RESPONSE TO COMMENTS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3035001635/SL209294204.PDF

Document Type: Site Documents **Document Date:** 8/6/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: GROUNDWATER MONITORING PROGRAM AND PROPOSED FIVE YEAR GROUNDWATER SAMPLING PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6216101

Document Type: Site Documents **Document Date:** 6/3/2014*

Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOCUSED FEASIBILITY EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7309663891/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/24/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FIRST QUARTER 2015 REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6249957

Document Type: Site Documents **Document Date:** 3/23/2015
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: H STREET EXTENSION CLEANUP AND ABATEMENT COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5341880559/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 7/21/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: IN-SITU BIOREMEDIATION PILOT TEST 2ND QUARTER 2015 MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5215059280/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 7/21/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SECOND QUARTER 2015 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2502233922/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/9/2014
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 3Q 2014 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1885367691/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/26/2014
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FOCUSED FEASIBILITY EVALUATION - H STREET EXPANSION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5799046

Document Type: Site Documents **Document Date:** 11/27/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED CONCRETE JOINT COUMPOUND REMOVAL WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203677

Document Type: Site Documents **Document Date:** 7/9/2013
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2013/2014 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6166461

Document Type: Site Documents **Document Date:** 11/12/2014
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED DERIVATION OF SITE-SPECIFIC GROUNDWATER QUALITY PROTECTION LEVELS FOR VADOSE ZONE SOIL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8380056798/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/3/2014
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CONCRETE CHARACTERIZATION AND WASTE PROFILING REPORT

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8983315646/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/9/2008*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2008 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5913417994/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 2/15/2007
Type: MONITORING REPORT - ANNUAL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2006 ANNUAL GROUNDWATER MONITORING REPORT, VOLUME II OF II, APPENDIXES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9951985239/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/4/2006
Type: MONITORING REPORT - ANNUAL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2005 ANNUAL GROUNDWATER MONITORING - VOLUME 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1490466058/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/12/2013*
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: MONITORING WELL DESTRUCTION AND REPLACEMENT WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7981996059/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/14/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: H STREET CONSTRUCTION ENVIRONMENTAL MONITORING PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6149828

Document Type: Site Documents **Document Date:** 7/30/2012
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: UTC'S ACQUISITION OF GOODRICH CORPORATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5761776

Document Type: Monitoring Reports **Document Date:** 2/8/1968
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BLDG AND TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM COLLECTED 11/30/1967 - BLDG/TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM 1967
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5557631552/1968%20Cr%20Co%20Report%2Epdf

Document Type: Monitoring Reports **Document Date:** 4/4/2006
Type: MONITORING REPORT - ANNUAL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2005 ANNUAL GROUNDWATER MONITORING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7488021671/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/30/2012
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: L-DITCH COMPLETION RPT - PT.5OF5 APPX L-M
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9432850658/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/30/2012
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: L-DITCH COMPLETION RPT - PT. 4OF5 APPXI-K
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9181428432/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/24/2010*
Type: REMEDIAL INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: WORK PLAN FOR GROUNDWATER ASSESSMENT ADJACENT TO STORM DRAIN

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1214444756/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/2/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: SECOND AMENDMENT TO RELOCATION AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5753576

Document Type: Site Documents **Document Date:** 8/17/2009
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO OEHHA COMMENTS DATED 30 MAY 2008, HHRA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7716424107/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/4/2022
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: NOTICE OF PROPOSED NO FURTHER ACTION FOR SOIL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6486504

Document Type: Site Documents **Document Date:** 11/5/2021
Type: CAP/RAP - FINAL REMEDIATION / DESIGN PLAN **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: NOVEMBER 2021 REVISED GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2072406172/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/27/2021
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: RESPONSE TO THE SDRWQCB COMMENTS ON THE APRIL 2021 REVISED GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6476951

Document Type: Site Documents **Document Date:** 7/1/2021*
Type: FINAL REMEDIAL ACTION REPORT / CORRECTIVE ACTION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED SOIL CLEANUP AND ABATEMENTMENT COMPLETION REPORT, SOIL REMEDIATION NORTH OF EXCHANGE PARCEL, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7966250956/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/15/2007
Type: WORKPLANS - RISK ASSESSMENT RELATED WP **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL GAS SURVEY WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1451863169/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/30/2021*
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: UPDATED POST-SOIL REMEDIATION HUMAN HEALTH RISK ASSESSMENT FOR THE PROJECT AREA NORTH OF THE EXCHANGE PARCEL, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7471615135/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/19/2021*
Type: OTHER WORKPLAN **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: WORK PLAN FOR PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6742027997/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/22/2020
Type: CAP/RAP - FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6045441

Document Type: Site Documents **Document Date:** 12/16/2020*
Type: RESPONSE TO COMMENTS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO SDRWQCB COMMENTS TO SOIL CLEANUP AND ABATEMENT COMPLETION REPORT, SOIL REMEDIATION NORTH OF EXCHANGE PARCEL, FORMER SOUTH CAMPUS PROPERTY, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7626290082/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/14/2020
Type: CLOSURE REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL CLEANUP AND ABATEMENT COMPLETION REPORT, SOIL REMEDIATION NORTH OF EXCHANGE PARCEL, CHULA VISTA, CALIFORNIA, SDRWQCB REFERENCE: SL209294204:TALO
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2325568079/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/28/2006
Type: **Submitted:**
Submitted By: (REGULATOR)
Title: SOIL GAS SURVEY WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/site_documents/2122299015/Final%20Goodrich%2DSG%2DWP%20022406%2Epdf

Document Type: Site Documents **Document Date:** 1/1/1952
Type: SENSITIVE RECEPTOR SURVEY REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: EXCERPT FROM EXTENT, EFFECTS AND LIMITATIONS OF WASTE DISPOSAL INTO SAN DIEGO BAY REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6186472

Document Type: Site Documents **Document Date:** 10/14/2019
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: RESPONSE TO HALEY & ALDRICH'S REVIEW OF TETRA TECH TERENCH AND GRAB SAMPLES - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6009705

Document Type: Site Documents **Document Date:** 8/22/2019*
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESULTS OF ADDITIONAL INVESTIGATION, FORMER SOUTH CAMPUS, H23 PARCEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1270385980/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/24/2019
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REQUEST FOR AUTHORIZATION TO DISCHARGE EXTRACTED GROUNDWATER TO SEWER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5995524

Document Type: Site Documents **Document Date:** 4/1/2019*
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL CHARACTERIZATION DATA GAP EVALUATION HISTORICAL OUTFALLS AND FILL AREAS, H□]23 PARCEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3983101904/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/29/2019
Type: SITE INVESTIGATION **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOIL CHARACTERIZATION DATA GAP EVALUATION - HISTORICAL OUTFALLS AND FILL AREAS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5991804

Document Type: Site Documents **Document Date:** 3/29/2019
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: UPDATED SITE CONCEPTUAL MODEL - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5991803

Document Type: Site Documents **Document Date:** 3/29/2019

Type: SITE INVESTIGATION **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOIL CHARACTERIZATION DATA GAP EVALUATION - HISTORICAL OUTFALLS AND FILL AREAS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5991804

Document Type: Site Documents **Document Date:** 3/29/2019
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: UPDATED SITE CONCEPTUAL MODEL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5991803

Document Type: Site Documents **Document Date:** 6/29/2021
Type: NOTICE OF TERMINATION **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: TERMINATION OF ENROLLMENT IN ORDER NO. R9-2008-0081
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6470104

Document Type: Site Documents **Document Date:** 9/30/2020
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: COMMENTS ON THE SOIL CLEANUP AND ABATEMENT COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6034433

Document Type: Site Documents **Document Date:** 4/7/2020
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: TIMING ALERT FOR SOUTH CAMPUS RAP SOIL REMEDIAL ACTION PLAN COMPLETION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2253214955/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/15/1952
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PROPOSED WASTE DISPOSAL PROGRAM FOR ROHR AIRCRAFT CORPORATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6272365

Document Type: Site Documents **Document Date:** 7/18/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CLEANUP AND ABATEMENT REQUIREMENT COMPLETION CONFIRMATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7660149753/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/21/2014*
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED PROPOSED SOIL SAMPLING DURING JOINT COMPOUND REMOVAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1870398819/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/19/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED PROPOSED SOIL SAMPLING DURING JOINT COMPOUND REMOVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6203568

Document Type: Monitoring Reports **Document Date:** 4/27/2020*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2020 DEMOLITION ENVIRONMENTAL MONITORING AND SOIL REMEDIAL ACTION PLAN PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3535731434/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 3/6/2019*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2018 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2094717860/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/30/2019*

Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2018 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT - VOLUME I
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3007626473/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/20/2019
Type: AMENDMENT TO ORDER **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: ADDENDUM NO. 6 TO CAO
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6423329

Document Type: Site Documents **Document Date:** 12/20/2019*
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: TEST PIT TP-10 INVESTIGATION WORK PLAN FORMER ROHR SOUTH CAMPUS, H-23 PARCEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2882913410/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/22/2019
Type: FEASIBILITY STUDY (FS) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL REMEDIAL ACTION PLAN UPDATE, FS FOR TP-10 AREA, AND RESPONSE TO SDRWQCB COMMENTS, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8098608851/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/29/2019
Type: AMENDMENT TO ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ADDENDUM NO. 5 TO CAO R9-2004-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6404664

Document Type: Monitoring Reports **Document Date:** 7/22/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SECOND QUARTER 2016 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3131056368/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/27/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2016 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6646888434/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 9/30/2015
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2015 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3701258063/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/7/2018*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PROPOSED WELL AND PIEZOMETER DEMOLITION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8563669025/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/31/2018
Type: LETTER - NOTICE **Submitted:**
Submitted By: STEVE TEEL (REGULATOR)
Title: STATE BOARD INVOICING DELAY FISCAL YEAR 2018-19 LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6374484

Document Type: Site Documents **Document Date:** 7/30/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED SATURATED SOIL SAMPLING PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6366291

Document Type: Site Documents **Document Date:** 2/25/2014
Type: INTERIM REMEDIAL ACTION PLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FINAL REVISED IN-SITU CONCRETE CHARACTERIZATION AND WASTE PROFILING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9793947339/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/19/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED IN-SITU CONCRETE CHARACTERIZATION AND WASTE PROFILING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5798573

Document Type: Site Documents **Document Date:** 1/31/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: DERIVATION OF SITE-SPECIFIC GROUNDWATER QUALITY PROTECTION LEVELS FOR VADOSE ZONE SOIL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5799043

Document Type: Site Documents **Document Date:** 1/30/2014
Type: SPECIAL STUDIES AND INVESTIGATIONS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DERIVATION OF SITE-SPECIFIC GROUNDWATER QUALITY PROTECTION LEVELS FOR VADOSE ZONE SOIL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7547349452/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/3/2013
Type: REMOVAL ACTION WORK PLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED CONCRETE JOINT COMPOUND REMOVAL WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7776604831/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 12/4/2009*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2009 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5174928069/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/20/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: 1Q 2008 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8381445646/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 9/12/2007*
Type: MONITORING REPORT - ANNUAL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2007 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3405383050/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 2/15/2007
Type: MONITORING REPORT - ANNUAL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2006 ANNUAL GROUNDWATER MONITORING REPORT, VOLUME I OF II, TEXT, TABLES, AND FIGURE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7806767344/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/13/2015
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: H STREET EXTENSION CLEANUP AND ABATEMENT COMPLETION REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5869766

Document Type: Site Documents **Document Date:** 8/24/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PESTICIDES SCREENING TECHNICAL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6257828

Document Type: Site Documents **Document Date:** 5/12/2015
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SUPPLEMENTAL SOIL ASSESSMENT AND GROUND WATER INVESTIGATION / RELOCATION AGREEMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5840661

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - SOUTH CAMPUS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6087845

Document Type: Site Documents **Document Date:** 11/27/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: RESPONSE TO COMMENTS - IN-SITU BIOREMEDIATION PILOT TEST ROWD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6143543

Document Type: Site Documents **Document Date:** 11/12/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: EXTENSION REQUEST FOR SOIL AND GROUNDWATER DATA GAP INVESTIGATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6228868

Document Type: Site Documents **Document Date:** 11/11/2014
Type: REMEDIAL INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED ADDENDUM TO THE SOIL INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5507241427/SL209294204.PDF

Document Type: Site Documents **Document Date:** 11/11/2014
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: EXCHANGE PARCEL - FINAL CLEANUP AND ABATEMENT COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9330878973/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/18/2011*
Type: CAP/RAP - FINAL REMEDIATION / DESIGN PLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: L-DITCH REMEDIAL ACTION PLAN_PT.2 OF 2_APPX A-F
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2524839043/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/13/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: WORKPLAN APPROVAL LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6071624

Document Type: Site Documents **Document Date:** 8/17/2009*
Type: SITE INVESTIGATION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SITE CONCEPTUAL MODEL FIGURES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4778479337/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/30/2009
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SOIL EXCAVATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9194375455/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/30/2014
Type: SITE INVESTIGATION **Submitted:**
Submitted By: TOM ALO (REGULATOR)

Title: TECHNICAL REPORT FOR SITE-SPECIFIC BACKGROUND CONCENTRATION OF HEXAVALENT CHROMIUM IN GROUNDWATER - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5810105

Document Type: Site Documents **Document Date:** 12/21/2007
Type: SITE INVESTIGATION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SC SITE CHARACTERIZATION DATAGAP ASSESSMENT_TXTTBLSAPPXA-I
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9479920744/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/17/2007
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HUMAN HEALTH RISK ASSESSMENT REPORT, FIGURES 1-10
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9837884068/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/6/2007*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: OFF-SITE GROUNDWATER INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1464826822/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/30/2007
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: UNDERGROUND STORAGE TANK REMOVAL AND CLOSURE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1649767816/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/2/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ENROLLMENT UNDER ORDER NO. R9-2008-0081, GENERAL WDR FOR IN-SITU GROUNDWATER REMEDIATION PORJECTS WITHIN THE SAN DIEGO REGION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6164209

Document Type: Site Documents **Document Date:** 1/29/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED GROUNDWATER BACKGROUND METALS EVALUATION (DATED 12/4/12)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6148205

Document Type: Site Documents **Document Date:** 10/19/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SUPPLEMENTAL SOIL ASSESSMENT WORK PLAN (DATED 10/4/12)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6140575

Document Type: Site Documents **Document Date:** 4/30/2012
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: L-DITCH COMPLETION RPT - PT. 2OF5 APPXA-E
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6642625331/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT (PART 4 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6078838

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT (PART 5 OF 5). - REGULATOR RESPONSE

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6078840

Document Type: Site Documents **Document Date:** 1/23/2012*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REQUEST FOR CONCEPTUAL PLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5310407519/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/20/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: COOPERATIVE REMEDIATION AGREEMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6004315

Document Type: Site Documents **Document Date:** 8/17/2009
Type: SITE INVESTIGATION COMPLETE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SITE CONCEPTUAL MODEL_TXTTABLESAPPXA-J
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3791769742/SL209294204.PDF

Document Type: Site Documents **Document Date:** 8/1/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: SECOND QUARTER 2022 GROUNDWATER REMEDIATION PROGRESS SUMMARY REPORT, ROHR, INC. - A RAYTHEON TECHNOLOGIES CORPORATION, COLLINS AEROSPACE COMPANY 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA, AECOM PROJECT NO. 60654381, SDRWQCB REFERENCE: SL2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4387043654/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/13/2022
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: FIRST QUARTER 2022 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8664431571/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/2/2021*
Type: CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REVISED GROUNDWATER REMEDIAL ACTION PLAN FORMER SOUTH CAMPUS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6376869916/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/10/2021
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: COMMENTS ON THE REVISED GROUNDWATER REMEDIAL ACTION PLAN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6043243

Document Type: Site Documents **Document Date:** 12/22/2020
Type: CAP/RAP - FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED GROUNDWATER REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6045433

Document Type: Site Documents **Document Date:** 9/30/2020
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: COMMENTS ON THE SOIL CLEANUP AND ABATEMENT COMPLETION REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6034433

Document Type: Site Documents **Document Date:** 5/18/2020
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PORT OF SAN DIEGO - COMMENTS ON SOIL REMEDIAL ACTION PLAN IMPLEMENTATION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6025250

Document Type: Site Documents **Document Date:** 5/17/2021*
Type: CORRESPONDENCE **Submitted:**
Submitted By: AECOM (AUTH_RP)

Title: REQUEST TO TERMINATE EXISTING REPORT OF WASTE DISCHARGE UNDER THE GENERAL WASTE PERMIT (ORDER NO. R9-2008-0081)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7341744184/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/17/2007
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HUMAN HEALTH RISK ASSESSMENT REPORT, FIGURES 11-18C
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9856851041/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/12/2007
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2006 SOIL GAS SURVEY RESULTS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8877714395/SL209294204.PDF

Document Type: Site Documents **Document Date:** 1/30/2007
Type: SITE INVESTIGATION **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: ADDITIONAL INFORMATION, UST REMOVAL ACTIVITIES, UST NO. 12
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3348922550/SL209294204.PDF

Document Type: Site Documents **Document Date:** 2/8/2019
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PROPOSED WELL AND PIEZOMETER DEMOLITION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6384939

Document Type: Site Documents **Document Date:** 4/2/1998
Type: CLEAN-UP AND ABATEMENT ORDER **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: CLEANUP AND ABATEMENT ORDER NO. 98-08
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6272288

Document Type: Site Documents **Document Date:** 8/6/1993
Type: RESPOND TO PETITION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6168181

Document Type: Monitoring Reports **Document Date:** 4/29/2022
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2022 DEMOLITION ENVIRONMENTAL MONITORING AND SOIL REMEDIATION ACTION PLAN IMPLEMENTATION PROGRESS REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9546908915/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/29/2021
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FALL 2021 EROSION PREVENTION COVER MONITORING REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2037227928/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/15/1998
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ACKNOWLEDGEMENT OF COST RECOVERY OBLIGATIONS AND AGREEMENT TO REIMBURSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6135613

Document Type: Site Documents **Document Date:** 11/27/2018
Type: OTHER WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SITE-SPECIFIC HEALTH & SAFETY PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4316977381/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/31/2018
Type: OTHER WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SITE-SPECIFIC HEALTH & SAFETY PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2928222894/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/2/2016
Type: REMEDIAL INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: GROUNDWATER REMEDIAL ACTION PLAN ADDENDUM
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6226042330/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 1/27/2021
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2020 DEMOLITION ENVIRONMENTAL MONITORING AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT, FORMER SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6033473134/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 10/8/2020*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: THIRD QUARTER 2020 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2016515910/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/25/2019
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2019 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1535788416/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 7/19/2018*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SECOND QUARTER 2018 SOUTH CAMPUS DEMOLITION ENVIRONMENTAL MONITORING PLAN AND SOIL REMEDIAL ACTION PLAN IMPLEMENTATION PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6665497064/SL209294204.PDF

Document Type: Site Documents **Document Date:** 6/19/2015
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2015-16 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6249438

Document Type: Site Documents **Document Date:** 4/16/2015
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2015 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6344377636/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/15/2015
Type: SITE INVESTIGATION **Submitted:**
Submitted By: ROBERT KURKJIAN (AUTH_RP)
Title: TECHNICAL MEMORANDUM BUILDING 42 BORINGS, FORMER ROHR SOUTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3351889073/SL209294204.PDF

Document Type: Site Documents **Document Date:** 12/22/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: MANAGEMENT PLAN IMPLEMENTATION NOTIFICATION FOR MATEIALS IN CONCRETE, ASPHALT, AND JOINT COMPOUND MATERIAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9667945206/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/3/2014

Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PLANNED WORK FOR HP-5
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4295432806/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/30/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: MANAGEMENT PLAN FOR WASTES IN CONCRETE, ASPHALT, AND JOINT COMPOUND MATERIAL AT SOUTH CAMPUS SITE - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5810134

Document Type: Site Documents **Document Date:** 7/24/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS FOCUSED FEASIBILITY EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6656686007/SL209294204.PDF

Document Type: Site Documents **Document Date:** 7/18/2014*
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RAP IMPLEMENTATION PROGRESS REPORT, 2Q 2014 MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7755737245/SL209294204.PDF

Document Type: Site Documents **Document Date:** 4/28/2014*
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: GROUNDWATER MONITORING PROGRAM AND PROPOSED FIVE YEAR GROUNDWATER SAMPLING PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4348560392/SL209294204.PDF

Document Type: Site Documents **Document Date:** 3/19/2014
Type: CLEAN-UP AND ABATEMENT ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: TENTATIVE CLEANUP AND ABATEMENT ORDER NO. R9-2014-0019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6196374

Document Type: Monitoring Reports **Document Date:** 1/26/2018*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FOURTH QUARTER 2017 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6665803909/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/25/2017*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: FIRST QUARTER 2017 CONSTRUCTION AND DEMOLITION ENVIRONMENTAL MONITORING PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2564810395/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/27/2014
Type: EVALUATION / ASSESSMENT MONITORING PROGRAM (EMP/AMP) **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: HEXAVALENT CHROMIUM GROUNDWATER BACKGROUND EVALUATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9206369757/SL209294204.PDF

Document Type: Site Documents **Document Date:** 10/17/2014
Type: OTHER WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: MANAGEMENT PLAN FOR MATERIAL IN CONCRETE, ASPHALT, AND JOINT COMPOUND MATERIAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6878791153/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/26/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS, MANAGEMENT PLAN FOR WASTES IN CONCRETE, ASPHALT, AND JOINT COMPOUND MATERIAL

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8098344922/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/19/2014*
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: ADDENDUM TO THE SOIL INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2399599194/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/19/2014
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ADDENDUM TO THE SOIL INVESTIGATION/FEASIBILITY STUDY/REMEDIAL ACTION PLAN - EXCHANGE PARCEL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5821008

Document Type: Site Documents **Document Date:** 9/16/2014
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CONFIRMING NOTIFICATION OF NECS AT EXCHANGE PARCEL PORTION OF SOUTH CAMPUS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8511399745/SL209294204.PDF

Document Type: Site Documents **Document Date:** 9/15/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CLARIFICATION ON SUBMITTAL OF INDIVIDUAL SOIL RAPS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&enforcement_id=6224098

Document Type: Site Documents **Document Date:** 3/1/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: SOURCE IDENTIFICATION OF PCB IMPACTS IN H STREET - BODHI GROUP REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=6110925

Document Type: Site Documents **Document Date:** 10/24/2013
Type: OTHER WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED CONCRETE CLEANING TEST WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4534957826/SL209294204.PDF

Document Type: Site Documents **Document Date:** 5/6/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CONCRETE SAMPLE DATA FOR SOUTH CAMPUS SITE IN CHULA VISTA - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SL209294204&document_id=5770668

Document Type: Monitoring Reports **Document Date:** 2/11/2011*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2010 ANNUAL GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5021417200/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 4/23/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: 4Q07 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1180645167/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 3/28/2007*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: 3Q 2007 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3379708409/SL209294204.PDF

Document Type: Monitoring Reports **Document Date:** 12/19/2012
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: 2012 ANNUAL GROUNDWATER MONITORING REPORT

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4518615663/SL209294204.PDF

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 9/4/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-047)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3550225019/SL209294204.PDF

Submitted: 9/4/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-048)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4008830189/SL209294204.PDF

Submitted: 9/4/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-050)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1843234479/SL209294204.PDF

Submitted: 9/4/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-075)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7925075829/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-343)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3937371313/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-354)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8891323387/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-356)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3971258342/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-358)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6989146351/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-340)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1833929896/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-367)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2945247948/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-380)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1255001366/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-381)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8941691517/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-384)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9229021549/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-414)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9099932193/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-420)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3570806682/SL209294204.PDF

Submitted: 9/1/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-424)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3485131025/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-428)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1551357567/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-441)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6893702626/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-442)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2819560170/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-444)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4395580589/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-445)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5110568463/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-447)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7013485252/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-449)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4377477824/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-465)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4536860585/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW103(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5140478312/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B01)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7640241324/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B04)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3078992545/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B06)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2017379581/SL209294204.pdf

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-100)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7757396996/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-130)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5491297841/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-131)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5537340641/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-136)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5951519310/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-145)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5871514379/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (DP-174)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4098761439/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW105(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1804148793/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW110(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2577395856/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW111(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2821566998/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW112(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3616125285/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW115(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9334664106/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW117(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2157084584/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW121(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1133570790/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW121(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8015575706/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW122(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3563097476/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-001)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6208794653/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-009)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2801644086/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-018)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7134239912/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-025)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4026857852/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-029)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3753429710/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-038)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7665016889/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-040)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2073208153/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-055)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1273921132/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-056)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8247218251/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-061)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3365225017/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-063)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1099270164/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-065)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4968073964/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PZ03(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1809779286/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-092B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8924288272/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-102)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3210317790/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-104)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5861336469/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-105)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8999169111/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-112)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9809548139/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-113)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4369375407/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-118)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9586919963/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-133)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1945323109/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW102UBR (PMW102UBR)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7252551078/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW124(A) (PMW124(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5805697798/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW126(A) (PMW126(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2191470503/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW130(UB) (PMW130(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1079333305/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-017 (NCW-017)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4978931009/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-137)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6331551313/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-146)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4170741200/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-163)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7292422652/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-173)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2911370038/SL209294204.PDF

Submitted: 3/11/2019 **Submitted By:** JOHN P. ANDERSON (REGULATOR)
Title: ROHR SOUTH CAMPUS (KMZ)
Link: https://geotracker.waterboards.ca.gov/regulators/map_coverages/2151334464/BFGoodrich_Former_South_Campus_Property_Boundary.kmz

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-071)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8898876488/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-087)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6725643455/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-088)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1417187035/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-128)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1632624745/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-132)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3591576635/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-142)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5142538249/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-143)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3772011518/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-151)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6676485538/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-156)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6761486351/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-168)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3407223045/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-176)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7866890668/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-134)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6143392741/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-183)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1084406971/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-191)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3496867299/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-199)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7911247968/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-207)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1256786644/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-225)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8844261884/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-230)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3600413441/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-233)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8760998070/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-239)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8164440453/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-253)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2352229237/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-265)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5465479969/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7327268838/SL209294204.pdf

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-073)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1413035511/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-079)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3216578602/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-081)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8410808861/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-082)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6373394310/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-090)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2621288597/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-276)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4776499867/SL209294204.PDF

Submitted: 8/31/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-290)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7920156657/SL209294204.PDF

Submitted: 8/31/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-291)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5890001773/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-296)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5206339955/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-319)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8879375755/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-321)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5896830677/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-337)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5216808617/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-338)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6161226749/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-344)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6854014515/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-349)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7678570091/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-368)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4665981590/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-389)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8811640858/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-400)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1758175194/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-402)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9022341251/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-403)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5830282390/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-178)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4172644495/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-180)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3932749867/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (DP-197)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4838107526/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-201)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3528864979/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-202)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1608511149/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-211)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5154107153/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6474944889/SL209294204.pdf

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-072)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1786761641/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-075)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2617174625/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-076)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6189235985/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-077)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4249156117/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-427)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3165411174/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-429)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9645672142/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-434)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7485485374/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-440)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8346407413/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-450)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4681605458/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-457)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2771251976/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-219)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9722359716/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-232)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7744456410/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-242)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4237814128/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-246)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7360927879/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-255)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8956005394/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-078)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5590231120/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-086)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8864687442/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-460)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2329242169/SL209294204.PDF

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Title: GEO_BORE (DP-466)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2701076805/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW101(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1175868153/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW101(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8207741498/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW110(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1996584415/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-003)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5208489477/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-020)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7367297589/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-021)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9237847089/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-033)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1246648967/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-275)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6047554731/SL209294204.PDF

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Title: GEO_BORE (DP-289)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1924343407/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-348)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6137230634/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-362)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4846199750/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-189)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6290489912/SL209294204.PDF

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Title: GEO_BORE (DP-190)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7895693302/SL209294204.PDF

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Title: GEO_BORE (DP-195)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9630153954/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-200)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6979433536/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-210)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9848507225/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-044)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9781078636/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-046)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9461756825/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-051)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5553676903/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-072)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9701177775/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PZ04(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7713613688/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-209)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9495577335/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW127(UB) (PMW127(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8327151298/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-364)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2941735327/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-390)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8774318993/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-391)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1115499675/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-407)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3046380102/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-408)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4842861473/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-433)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1720135033/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-437)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1979380726/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-224)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9382824242/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-226)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1390650868/SL209294204.PDF

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Title: GEO_BORE (DP-229)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1870066761/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-244)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1995722889/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-257)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4535518944/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-263)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5912517845/SL209294204.PDF

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Title: GEO_BORE (DP-266)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9248210072/SL209294204.PDF

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Title: GEO_BORE (DP-267)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8895742595/SL209294204.PDF

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Title: GEO_BORE (DP-293)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5396160423/SL209294204.PDF

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Title: GEO_BORE (DP-451)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4186590373/SL209294204.PDF

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Title: GEO_BORE (DP-452)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2022090077/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW106(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8502682030/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW119(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8106924235/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-005)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4899578392/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-011)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1806244134/SL209294204.PDF

Submitted: 8/31/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (DP-295)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1457424461/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-304)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3093563377/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-311)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6106588542/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-314)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3090447187/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-317)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9209620594/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-326)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7232805728/SL209294204.PDF

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Title: GEO_BORE (DP-327)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6629537761/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-329)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3762826025/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-330)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7414729237/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-334)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2958025455/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-096)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6480141401/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-101)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2363078236/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-103)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8761742651/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-108A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6541131079/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-109A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2447729289/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-110)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6159160912/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-111)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3324575603/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-114)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3314001262/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-115)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1285900413/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-126)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1224297583/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-139)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4064205467/SL209294204.PDF

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Title: GEO_BORE (DP-148)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5751430809/SL209294204.PDF

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Title: GEO_BORE (DP-157)
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Title: GEO_BORE (DP-158)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4148394107/SL209294204.PDF

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Title: GEO_BORE (DP-181)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2687755882/SL209294204.PDF

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Title: GEO_BORE (DP-182)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8085338890/SL209294204.PDF

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Title: GEO_BORE (DP-184)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2694728016/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-193)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1888970434/SL209294204.PDF

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Title: GEO_BORE (DP-205)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3684240520/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-206)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3065590620/SL209294204.PDF

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Title: GEO_BORE (DP-208)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2695076704/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-221)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7690817058/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-240)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6123561024/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-245)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1314934790/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-260)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1522243797/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-262)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3549770653/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-278)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3498177289/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-297)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1497137248/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-298)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1908825218/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6832430779/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B18)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9572736442/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B19)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9184919059/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B21)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9146407902/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/6830764591/SL209294204.pdf

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-068)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6618551433/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-069)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6180034935/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-074)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2224787831/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-085)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1636114299/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B07)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7056553483/SL209294204.pdf

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-320)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5612696766/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-333)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9377886295/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-347)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7696172893/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-350)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2531887352/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-351)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5761324405/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-361)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5539394676/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-371)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6442058861/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-373)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7079677879/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-375)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2462641835/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-382)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6310402631/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-385)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8881304264/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-392)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9176006615/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-416)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6926112294/SL209294204.PDF

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Title: GEO_BORE (DP-417)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3569546043/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-423)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5699270427/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-435)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5291346669/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-455)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9517706096/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-458)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4957967936/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-463)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7352032601/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW104(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7098516643/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (PMW106(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9838781535/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW107(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9295626163/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW108(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4245897769/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW110(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9551626384/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW112(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8392406761/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW113(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6879589378/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW122(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9437755882/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-008)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5656441450/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-016)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7459942162/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-031)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1331356346/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-032)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4981669545/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-041)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8663948774/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-042)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7550896406/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-057)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4333095848/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-058)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1019075870/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-059)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9324290394/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PZ01(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1740840077/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PZ02(A))

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4583196818/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW125(UB) (PMW125(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9028492629/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW126(UB) (PMW126(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8852984964/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-179)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3013743519/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-194)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8450446009/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-203)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6011282145/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-204)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6013359785/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-217)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6883715152/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-220)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4545156657/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-227)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8483772993/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-247)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7914938151/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-252)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1933132469/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-254)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3827038109/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-268)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8136980533/SL209294204.PDF

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Title: GEO_BORE (DP-269)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4856207072/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-272)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7360832929/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-277)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7405721843/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-303)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8385265648/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-307)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3125011742/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-308)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9803706288/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-309)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7178459882/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-315)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6010439395/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-336)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2309931874/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-341)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1126841664/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-342)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4494875431/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-346)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3343819379/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-353)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5753221988/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-355)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9313304066/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-359)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2055105388/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-365)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5928490400/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-369)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3396279096/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-376)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1145739972/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-387)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1764872670/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-405)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6361415028/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-410)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9514391422/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-422)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4354698896/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-432)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7571890056/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-439)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8823644816/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-446)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2334513783/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-461)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1770534813/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-464)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7512014567/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-471)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9409878075/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW101(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1541934430/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW104(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3862881004/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW109(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5751473188/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW113(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8519030094/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW113(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2508235096/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW116(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4473034203/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW117(A))
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Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-010)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5383996069/SL209294204.PDF

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Title: GEO_BORE (SN-013)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5395257055/SL209294204.PDF

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Title: GEO_BORE (SN-015)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6514730632/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (SN-026)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2614115834/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-034)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5440111637/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-043)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3535546362/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-070)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7300196766/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-095)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5817898094/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-099)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1076663434/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-106)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9805685222/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-108B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1534078776/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-117A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8007029652/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-122)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5582896351/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-124)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8760198771/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-125)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4333101749/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-129)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7229746937/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-138)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6219353437/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-141)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2833293080/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-147)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8005877912/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-161)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5826180219/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-172)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2627574086/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B17)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2669163346/SL209294204.pdf

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-052)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3728478193/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-069)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9698512196/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-071)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3905358076/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-074)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4382576704/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-076)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9275401234/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-016 (NCW-016)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8855395734/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW123(A) (PMW123(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6322970926/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW123(UB) (PMW123(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6266711592/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW125(A) (PMW125(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2181399345/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW128(UB) (PMW128(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4366992533/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW129(UB) (PMW129(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6810143232/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-323)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2254677832/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-335)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6409068226/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-352)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4407448828/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-093)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8027273356/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-117B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1142116844/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-119)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5794869184/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-140)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4928185224/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-144)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2261956274/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-152)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3887075603/SL209294204.PDF

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Title: GEO_BORE (DP-153)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6909414470/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-162)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4907153487/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-169)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7210457563/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-165)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9020058691/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B20)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8663480997/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B02)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7810333073/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B03)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6963208854/SL209294204.pdf

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-370)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6339442372/SL209294204.PDF

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Title: GEO_BORE (DP-379)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1272209882/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-383)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1959605336/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-388)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9517787098/SL209294204.PDF

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Title: GEO_BORE (DP-401)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4876549482/SL209294204.PDF

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Title: GEO_BORE (DP-406)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3900646507/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-411)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8331887006/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-415)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8875805199/SL209294204.PDF

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Title: GEO_BORE (DP-419)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9759972333/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-430)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5095709025/SL209294204.PDF

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Title: GEO_BORE (DP-438)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9798519432/SL209294204.PDF

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Title: GEO_BORE (DP-448)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6842928409/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-453)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3884310245/SL209294204.PDF

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Title: GEO_BORE (DP-467)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4447670698/SL209294204.PDF

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Title: GEO_BORE (DP-468)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2514583885/SL209294204.PDF

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Title: GEO_BORE (DP-469)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1730709373/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-470)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7802546620/SL209294204.PDF

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Title: GEO_BORE (PMW109(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2231691837/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW114(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2525887250/SL209294204.PDF

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Title: GEO_BORE (PMW115(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1298397362/SL209294204.PDF

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Title: GEO_BORE (DP-185)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9628393352/SL209294204.PDF

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Title: GEO_BORE (DP-218)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8429939985/SL209294204.PDF

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Title: GEO_BORE (DP-222)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5911831200/SL209294204.PDF

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Title: GEO_BORE (DP-231)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1190594017/SL209294204.PDF

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Title: GEO_BORE (DP-238)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5612453758/SL209294204.PDF

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Title: GEO_BORE (DP-241)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8916729271/SL209294204.PDF

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Title: GEO_BORE (DP-243)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1682512760/SL209294204.PDF

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Title: GEO_BORE (DP-248)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4044947743/SL209294204.PDF

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Title: GEO_BORE (DP-258)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7562527000/SL209294204.PDF

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Title: GEO_BORE (DP-261)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2068232655/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW118(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9025518596/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW120(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9694529652/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-002)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7410372257/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-007)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6196070790/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-017)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7097555339/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-035)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8355077922/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-036)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3120092570/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-037)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9520153343/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-049)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7552195668/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-270)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1865883588/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-273)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7566826581/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-279)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3523783802/SL209294204.PDF

Submitted: 8/31/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-288)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5682513594/SL209294204.PDF

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Title: GEO_BORE (DP-292)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9225588321/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-300)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3262995839/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-302)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6739159643/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-310)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3552679240/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-316)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3175548851/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-318)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2545113325/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-322)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9825752973/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-325)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5951762318/SL209294204.PDF

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Title: GEO_BORE (DP-332)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5446722209/SL209294204.PDF

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Title: GEO_BORE (DP-339)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2405238270/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-345)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2920141398/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-360)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9844000041/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-363)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6200384318/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-374)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4984764814/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-377)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7362544178/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-045)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6951000511/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-053)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6752940297/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-054)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8543252050/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-060)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7487545311/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-062)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4682429432/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-073)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1454582929/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-409)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9254146873/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-413)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8211602270/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-386)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7567650556/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-418)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9676264882/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-421)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5507714033/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-436)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7643794178/SL209294204.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW124(UB) (PMW124(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2892765700/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW102(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1122383832/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW114(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3268383324/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW115(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4917043864/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW116(LB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1673501074/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-006)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9171395361/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-012)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2719933271/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-014)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4421852827/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-023)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4945277333/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-024)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7892983198/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-027)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2057246327/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-030)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4619120717/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-064)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6661690473/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-066)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5059710025/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-067)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5310192406/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-068)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1260811567/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-097)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4847261905/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-098)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6543682396/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-107)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8568462669/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-120)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5008395612/SL209294204.PDF

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Title: GEO_BORE (DP-121)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7374386131/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-135)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1833484113/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (DP-150)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7174477338/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-159)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8035488426/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-164)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4107654035/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-170)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4725057780/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-171)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3556087791/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-175)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1884074330/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-177)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9930957257/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-167)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9419765770/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-094)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8639486491/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-109B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7761147260/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B09)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9126005411/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3569944083/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5398755729/SL209294204.pdf

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-080)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4692486107/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-089)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9933846533/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-116)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5864727318/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-123)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2095973134/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-149)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9766521751/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-154)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8171993553/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-155)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9664760887/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-160)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9592663109/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-166)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9338572621/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-188)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2270962059/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-196)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5556011497/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-198)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2593004703/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-212)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2360500633/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-216)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3879740834/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-228)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8180835187/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-236)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9428248524/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-249)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9502892255/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-250)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6341502308/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-251)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6192831218/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-259)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8898232221/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-264)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3330773115/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-299)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4498190104/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-301)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1412655174/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-305)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6694607079/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-312)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3605276286/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-313)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6542277455/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-324)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7673357486/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-331)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5322832584/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-357)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9269945621/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-366)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2255084455/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-372)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3852824330/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-378)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8917971134/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-412)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5466990590/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-425)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9163103580/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-426)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9591015160/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B05)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2813496232/SL209294204.pdf

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-186)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9023046672/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-187)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5719707787/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-192)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9444846034/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-213)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4105816185/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-214)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3519994914/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-215)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3195656836/SL209294204.PDF

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B08)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7592725455/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5423296868/SL209294204.pdf

Submitted: 5/12/2006 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_BORE (B16)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8795316398/SL209294204.pdf

Submitted: 8/16/2013 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/3905297458/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-067)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9924038231/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-070)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6406046986/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-083)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4734841406/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-084)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8241725087/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-091)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3241921186/SL209294204.PDF

Submitted: 8/26/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-092A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5180965721/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-443)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7112193226/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-454)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8652233421/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-456)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1315072119/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-459)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7226250410/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (DP-431)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4450811564/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-462)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9456731975/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW103(A))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4312502384/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW111(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1835628807/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-223)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5642998754/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-234)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5205572307/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-235)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7917839765/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-237)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1051120221/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-256)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7750255882/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-271)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2463247478/SL209294204.PDF

Submitted: 8/27/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-274)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5494650065/SL209294204.PDF

Submitted: 8/31/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-294)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5859551191/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (DP-306)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4033193767/SL209294204.PDF

Submitted: 9/1/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PMW117(UB))
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4771920263/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-004)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6203423261/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-019)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9190151512/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-022)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4463421165/SL209294204.PDF

Submitted: 9/4/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (SN-028)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3422112524/SL209294204.PDF

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Remediation
Date: 3/13/2020

Status: Open - Assessment & Interim Remedial Action
Date: 3/26/2014

Status: Open - Assessment & Interim Remedial Action
Date: 7/26/2000

Status: Open - Site Assessment
Date: 7/26/2000

Status: Open - Case Begin Date
Date: 4/2/1998

Status: Open - Remediation
Date: 10/9/2018

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description: CV Bayfront Development - Exchange Parcels
Identifier: T10000004581
Project Name: CVBD - Pacifica Exchange Parcels (H-13, H-14, H-15, HP-5)
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004581
Address: Marina Parkway
City: CHULA VISTA
Status: OPEN - REMEDIATION

Association: Related Global ID
Description: Vacant Property Owned by the SDUPD (Plat #032-008)
Identifier: T10000005120
Project Name: Vacant Property Owned by the SD Unified Port District (Plat No. 032-008)
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000005120
Address: Marina Parkway
City: CHULA VISTA
Status: COMPLETED - CASE CLOSED

Association: Related Global ID
Description:
Identifier: T10000001489
Project Name: GOODRICH AEROSTRUCTURES - NORTH CAMPUS
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000001489
Address: 850 LAGOON DRIVE
City: CHULA VISTA
Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	6 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC 850 LAGOON DRIVE CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T0608184113
County: San Diego
Status Date: 2/18/1993
Latitude: 32.623225325238
Longitude: -117.097504734993
Status: Completed - Case Closed
Site Facility Type: Cleanup Program Site
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	2092900
Local Case No:	H02457-004
Begin Date:	6/18/1992
Lead Agency:	SAN DIEGO COUNTY LOP
Local Agency:	
CUF Case:	NO
CalEnvScreen Score:	
EPA Region:	9
Qty Rlsd Gallons:	
Potential COC:	
How Discovered:	
Stop Method:	
Stop Description:	
Case Worker:	
Military DoD Site:	No
Leak Reported Dt:	
No Further Action Dt:	1993-02-18 00:00:00
Potential Media of Concern:	
How Discovered Description:	
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - Telegraph (909.11)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	
Coordinate Source:	Google Map Move
Discharge Cause:	
Discharge Source:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	80-85%
File Location:	Local Agency
Site History:	

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Case Begin Date
Status Date:	1992-06-18 00:00:00
Status:	Completed - Case Closed
Status Date:	1993-02-18 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:	
Cuf Claim No:	
CUF Priority Assign:	
CUF Amount Paid:	
Composting Method:	
Facility Type:	
WDR Place Type:	
WDR File No:	
WDR Order No:	
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
Designated Beneficl Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:	
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608184113
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 2/18/1993
Potential COC:	NONE SPECIFIED
Potential Media of Concern:	NONE SPECIFIED
Groundwater Monitoring Freq:	
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
CalWater Watershed Name:	Sweetwater - Lower Sweetwater - Telegraph (909.11)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO COUNTY LOP (LEAD) - CASE #: H02457-004 SAN DIEGO RWQCB (REGION 9) - CASE #: 2092900

Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608184113&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6087844
Title Description Comments:

Former Rohr UST Location Map - North Campus

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 4/24/2006
Received Issue Date: 4/25/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6089355
Title Description Comments:

Monitoring Well Construction Permit for 15 Clustered Wells.

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 10/25/1999
Received Issue Date: 10/25/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6104449
Title Description Comments:

Phase I and Phase II Site Investigation (SECOR 1999)

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6104437
Title Description Comments:

ASTM Phase I - Site Assessment (AdrianBrown)

Action Type: Response Requested - Other
Action: Respond to Petition - Regulator Responded
Action Date: 8/6/1993
Received Issue Date: 8/6/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6168177
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 2/11/1993
Received Issue Date: 2/11/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&enforcement_id=6376505&temptable=ENFORCEMENT
Title Description Comments:

H02457-004 Closure Documents

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/13/1984
Received Issue Date: 11/15/1984
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6153120
Title Description Comments:

ROHR Industries Plot Plan - Facilities Department Drain Map

Action Type: Response Requested - Reports
Action: Operation and Maintenance Plan/Monitoring Report
Action Date: 3/1/1966
Received Issue Date: 3/1/1966
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6153113
Title Description Comments:

Process Rinse Water - A report on the process rinse waters and other wastes for the Water Quality Control Board

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/20/1952
Received Issue Date: 3/20/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6161066
Title Description Comments:

Photographs taken by San Diego Water Board staff at and around the ROHR facility following shellfish and bird poisoning.

Action Type: Response Requested - Reports
Action: Sensitive Receptor Survey Report - Regulator Responded
Action Date: 1/1/1952
Received Issue Date: 1/1/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6186470
Title Description Comments:

Excerpt from Extent, Effects and Limitations of Waste Disposal into San Diego Bay Report

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608184113&doc_id=6087851
Title Description Comments:

Former Rohr UST Location Map - Foot of H Street

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 3/20/1952
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHOTOGRAPHS TAKEN BY SAN DIEGO WATER BOARD STAFF AT AND AROUND THE ROHR FACILITY FOLLOWING SHELLFISH AND BIRD POISONING. - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6161066

Document Type: Site Documents ***Document Date:*** 1/1/1952
Type: SENSITIVE RECEPTOR SURVEY REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: EXCERPT FROM EXTENT, EFFECTS AND LIMITATIONS OF WASTE DISPOSAL INTO SAN DIEGO BAY REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6186470

Document Type: Site Documents ***Document Date:*** 3/14/2013
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)

Title: FORMER ROHR UST LOCATION MAP - FOOT OF H STREET - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6087851

Document Type: Site Documents **Document Date:** 10/25/1999
Type: SITE INVESTIGATION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHASE I AND PHASE II SITE INVESTIGATION (SECOR 1999)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6104449

Document Type: Site Documents **Document Date:** 3/1/1966
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PROCESS RINSE WATER - A REPORT ON THE PROCESS RINSE WATERS AND OTHER WASTES FOR THE WATER QUALITY CONTROL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6153113

Document Type: Site Documents **Document Date:** 4/25/2006
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: MONITORING WELL CONSTRUCTION PERMIT FOR 15 CLUSTERED WELLS.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6089355

Document Type: Site Documents **Document Date:** 6/4/1998
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ASTM PHASE I - SITE ASSESSMENT (ADRIANBROWN)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6104437

Document Type: Site Documents **Document Date:** 2/11/1993
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H02457-004 CLOSURE DOCUMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&enforcement_id=6376505

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - NORTH CAMPUS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6087844

Document Type: Site Documents **Document Date:** 8/6/1993
Type: RESPOND TO PETITION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6168177

Document Type: Site Documents **Document Date:** 11/15/1984
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ROHR INDUSTRIES PLOT PLAN - FACILITIES DEPARTMENT DRAIN MAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608184113&document_id=6153120

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 2/18/1993

Status: Open - Case Begin Date
Date: 6/18/1992

18	7 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INDUSTRIES INC 850 LAGOON DRIVE CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T0607301189 **Latitude:** 32.6288038763338

County: SAN DIEGO **Longitude:** -117.099199987155
Status Date: 12/16/1986
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 9UT2424 2092900
Local Case No: H02457-001
Begin Date: 8/21/1986
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Diesel
How Discovered:
Stop Method:
Stop Description:
Case Worker:
Military DoD Site: No
Leak Reported Dt: 1986-08-21 00:00:00
No Further Action Dt: 1986-12-16 00:00:00
Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1986-12-16 00:00:00

Status: Open - Case Begin Date
Status Date: 1986-08-21 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301189
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/16/1986

Potential COC: DIESEL
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H02457-001
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT2424 2092900
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607301189&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Leak Action
Action: Leak Began
Action Date: 8/21/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 8/21/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 8/21/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 8/21/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 12/16/1986

Status: Open - Case Begin Date
Date: 8/21/1986

18	8 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES 850 LAGOON DRIVE CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T0607399048
County: SAN DIEGO
Status Date: 6/1/2012
Latitude: 32.6285143463431
Longitude: -117.099345002655
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 9UT3961
Local Case No: H02457-011
Begin Date: 6/15/1999
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency: SAN DIEGO COUNTY LOP
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Waste Oil / Motor / Hydraulic / Lubricating
How Discovered:
Stop Method: Other Means
Stop Description: OTHER MEANS
Case Worker: LA
Military DoD Site: No
Leak Reported Dt: 1999-06-15 00:00:00
No Further Action Dt: 2012-06-01 00:00:00
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

Go to "Site Maps/Documents" tab for Closure Documents

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2012-06-01 00:00:00

Status: Open - Case Begin Date
Status Date: 1999-06-15 00:00:00

Status: Open - Remediation
Status Date: 2000-05-23 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: LAURIE APECECHEA
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: laurie.apecechea@sdcounty.ca.gov
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: TOM ALO
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: tom.alo@waterboards.ca.gov
Phone No: 6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607399048
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/1/2012
Potential COC: WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern: SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H02457-011
CASEWORKER: LAURIE APECECHEA
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT3961
CASEWORKER: TOM ALO
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607399048&tabname=regulatoryhistory
Site History:

Go to "Site Maps/Documents" tab for Closure Documents

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 6/1/2012
Received Issue Date: 6/1/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399048&enforcement_id=6123761&temptable=ENFORCEMENT
Title Description Comments:

Closure Documents

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/17/2010
Received Issue Date: 11/17/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399048&enforcement_id=6088122&temptable=ENFORCEMENT
Title Description Comments:

Staff Letter

Action Type: Notices
Action: Letter - Notice
Action Date: 11/30/2009
Received Issue Date: 11/30/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399048&enforcement_id=6047300&temptable=ENFORCEMENT
Title Description Comments:

GeoTracker Notification Letter

Action Type: Notices
Action: Letter - Notice
Action Date: 7/9/2009
Received Issue Date: 7/9/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399048&enforcement_id=6023700&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 6/12/2009
Received Issue Date: 6/12/2009
Doc Link:
Title Description Comments:

Report of Subsurface Investigation

Action Type: Notices
Action: Notice of Responsibility
Action Date: 9/15/1999
Received Issue Date: 9/15/1999
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 6/15/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 6/15/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 6/15/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 12/15/2010
Type: SITE INVESTIGATION ***Submitted:***
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: REPORT OF UST TANK - OIL SHED SUMP, BLDG 1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9555524706/T0607399048.PDF

Document Type: Site Documents ***Document Date:*** 6/11/2009
Type: SITE INVESTIGATION ***Submitted:***
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: REPORT OF SUBSURFACE INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7580109953/T0607399048.PDF

Document Type: Site Documents **Document Date:** 11/17/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: STAFF LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399048&enforcement_id=6088122

Document Type: Site Documents **Document Date:** 6/1/2012
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: CLOSURE DOCUMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399048&enforcement_id=6123761

Document Type: Site Documents **Document Date:** 7/9/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: (REGULATOR)
Title: LETTER - NOTICE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399048&enforcement_id=6023700

Document Type: Site Documents **Document Date:** 11/30/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: (REGULATOR)
Title: GEOTRACKER NOTIFICATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399048&enforcement_id=6047300

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T6-04 (T6-04)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8610563158/T0607399048.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7633315324/T0607399048.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T6-02 (T6-02)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8381861388/T0607399048.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T6-01 (T6-01)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2291625261/T0607399048.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: T6-03 (T6-03)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9047779858/T0607399048.PDF

Submitted: 4/12/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: B1-USTB08C (B1-USTB08C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7255937099/T0607399048.PDF

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 6/1/2012

Status: Open - Remediation
Date: 5/23/2000

Status: Open - Case Begin Date
Date: 6/15/1999

18	9 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC 850 LAGOON DRIVE CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T0608190387
County: San Diego
Status Date: 3/21/1991
Status: Completed - Case Closed
Site Facility Type: Cleanup Program Site
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 32.6273852103302
Longitude: -117.09835767746

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 2092900
Local Case No: H02457-010
Begin Date: 8/30/1990
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method:
Stop Description:
Case Worker:
Military DoD Site: No
Leak Reported Dt: 1990-08-30 00:00:00
No Further Action Dt: 1991-03-21 00:00:00
Potential Media of Concern: Aquifer used for drinking water supply
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 1990-08-30 00:00:00

Status: Completed - Case Closed
Status Date: 1991-03-21 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:

Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608190387
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 3/21/1991
Potential COC: ,
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H02457-010
SAN DIEGO RWQCB (REGION 9) - CASE #: 2092900
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608190387&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6087850
Title Description Comments:

Former Rohr UST Location Map - Foot of H Street

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6087843
Title Description Comments:

Former Rohr UST Location Map - North Campus

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 4/24/2006
Received Issue Date: 4/25/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6089354
Title Description Comments:

Monitoring Well Construction Permit for 15 Clustered Wells.

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 10/25/1999
Received Issue Date: 10/25/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6104451
Title Description Comments:

Phase I and Phase II Site Investigation (SECOR 1999)

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6104439
Title Description Comments:

ASTM Phase I - Site Assessment (AdrianBrown)

Action Type: Response Requested - Other
Action: Respond to Petition - Regulator Responded
Action Date: 8/6/1993
Received Issue Date: 8/6/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6168179
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Action Type: Leak Action
Action: Leak Began
Action Date: 8/30/1990
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 8/30/1990
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 8/30/1990
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Operation and Maintenance Plan/Monitoring Report
Action Date: 3/1/1966
Received Issue Date: 3/1/1966
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6153111
Title Description Comments:

Process Rinse Water - A report on the process rinse waters and other wastes for the Water Quality Control Board

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/20/1952
Received Issue Date: 3/20/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6161068
Title Description Comments:

Photographs taken by San Diego Water Board staff at and around the ROHR facility following shellfish and bird poisoning.

Action Type: Response Requested - Reports
Action: Sensitive Receptor Survey Report - Regulator Responded
Action Date: 1/1/1952
Received Issue Date: 1/1/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6186468
Title Description Comments:

Excerpt from Extent, Effects and Limitations of Waste Disposal into San Diego Bay Report

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/13/1984
Received Issue Date: 11/15/1984
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608190387&doc_id=6153118
Title Description Comments:

ROHR Industries Plot Plan - Facilities Department Drain Map

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 3/14/2013
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - FOOT OF H STREET - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6087850

Document Type: Site Documents ***Document Date:*** 3/14/2013
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - NORTH CAMPUS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6087843

Document Type: Site Documents ***Document Date:*** 4/25/2006
Type: WELL INSTALLATION REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: MONITORING WELL CONSTRUCTION PERMIT FOR 15 CLUSTERED WELLS.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6089354

Document Type: Site Documents ***Document Date:*** 8/6/1993
Type: RESPOND TO PETITION ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6168179

Document Type: Site Documents ***Document Date:*** 3/20/1952
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHOTOGRAPHS TAKEN BY SAN DIEGO WATER BOARD STAFF AT AND AROUND THE ROHR FACILITY FOLLOWING SHELLFISH AND BIRD POISONING. - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6161068

Document Type: Site Documents ***Document Date:*** 1/1/1952
Type: SENSITIVE RECEPTOR SURVEY REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: EXCERPT FROM EXTENT, EFFECTS AND LIMITATIONS OF WASTE DISPOSAL INTO SAN DIEGO BAY REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6186468

Document Type: Site Documents ***Document Date:*** 10/25/1999
Type: SITE INVESTIGATION ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHASE I AND PHASE II SITE INVESTIGATION (SECOR 1999)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6104451

Document Type: Site Documents ***Document Date:*** 6/4/1998
Type: SITE ASSESSMENT REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ASTM PHASE I - SITE ASSESSMENT (ADRIANBROWN)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6104439

Document Type: Site Documents ***Document Date:*** 3/1/1966
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PROCESS RINSE WATER - A REPORT ON THE PROCESS RINSE WATERS AND OTHER WASTES FOR THE WATER QUALITY CONTROL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6153111

Document Type: Site Documents ***Document Date:*** 11/15/1984
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: ROHR INDUSTRIES PLOT PLAN - FACILITIES DEPARTMENT DRAIN MAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608190387&document_id=6153118

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 3/21/1991

Status: Open - Case Begin Date
Date: 8/30/1990

18	10 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES / ROHR - ROHR INDUSTRIES INC 850 LAGOON DRIVE CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T0607399259
County: San Diego
Status Date: 2/1/2013
Status: Completed - Case Closed
Site Facility Type: Cleanup Program Site
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 32.6286807927867
Longitude: -117.099441289902

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 9UT4069 2092900
Local Case No: H02457-013
Begin Date: 4/24/2000
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method: Close and Fill Tank in Place
Stop Description: CLOSE AND FILL TANK IN PLACE
Case Worker:
Military DoD Site: No
Leak Reported Dt: 2000-04-24 00:00:00
No Further Action Dt: 2013-02-01 00:00:00
Potential Media of Concern: Aquifer used for drinking water supply
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause: Other
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

An authorized release was observed during soil sampling for the removal of a 550 gallon underground storage tank (UST) discovered some remodeling being conducted in the Oiler Shed area beneath the existing canopy. The former use of the UST was not known. The UST contained approximately 24 inches of liquid when discovered with approximately six inches of sludge on the bottom. Of the 24 inches of liquid, several inches was reported to be free hydrocarbon product. A sample was obtained of the liquid in the UST and was analyzed. The liquid was reported to be within the carbon range of kerosene and in the range of waste oil. Volatile Organic Vapors (VOCs) found in the liquid were reported to be 1,1-dichloroethane at a concentration of 37,500 µg/l and Freon 113 at a concentration of 48,500 µg/l. The single wall steel UST and associated piping was removed on April 24, 2000, after the contents of the tank were removed by Triad Marine & Industrial Cleaning Corp. Corrosion and several holes were noted on the UST by the Department of Environmental Health (DEH) inspector. Total Recoverable Petroleum Hydrocarbons (TRPH) up to 137 mg/kg were observed at a side-wall sample directed by the inspector. Five additional soil samples were collected at the request of BF Goodrich personnel. The additional soil sampling analytical results included low levels of Acetone, 2-butanone (MEK), 1,1-dichloroethane, 1,2-dichloroethane, cis-1,2-dichloroethene, and 1, 1, 1-tricholoethane.

The Underground Storage Tank Removal and Soil Sampling Report requested no further action as a low risk groundwater case. DEH directed that the groundwater impacts be evaluated and that a complete site assessment report be submitted in order to evaluate the case for closure. The area of investigation is located along the former high tide line of San Diego Bay and is underlain by artificially compacted fill. Fill materials are located at the surface grade to depths of 7 to 8 feet below ground surface (bgs). The fill consists of a mixture of clay and silty sand with gravel. Bay deposits and the Bay Point Formation encountered beneath the fill consist mostly of clay and sandy clay to the maximum depth investigated at approximately 12 feet bgs. The site is located within a designated beneficial use water basin, and the nearest surface water body is the San Diego Bay which is located approximately 2,500 feet west of the site. One soil boring was advanced on February 15, 2012 in the center of the former tank pit to a depth of approximately 12 feet bgs. A temporary slotted PVC casing was placed in the boring to collect a groundwater sample. The groundwater analytical results were Non-detect for TRPH, however the Trichloroethene concentration was observed at 74,000 µg/l. Additional VOCs included in the groundwater sample results were 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloethene, cis-1,2-Dichloroethene, and Vinyl Chloride. *The Trichloroethene (TCE) observed in groundwater in the investigation is above the Maximum Contaminant Levels for a beneficial groundwater use basin. Goodrich is investigating TCE in groundwater site-wide under the oversight of the Regional Water Quality Control Board (RWQCB) in accordance with Cleanup and Abatement Order No. 98-08. The RWQCB was notified of the proposed closure of this Voluntary Assistance Program (VAP) case on August 11, 2011 and they stated they had no issues concerning this closure. The Closure is for the TRPH contamination only. The remaining TRPH contamination does not pose a threat to human health or the environment.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	2013-02-01 00:00:00
Status:	Open - Case Begin Date
Status Date:	2000-04-24 00:00:00
Status:	Open - Remediation
Status Date:	2000-04-24 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	TOM ALO
Organization Name:	SAN DIEGO RWQCB (REGION 9)
Address:	2375 NORTHSIDE DRIVE, SUITE 100
City:	SAN DIEGO
Email:	tom.alo@waterboards.ca.gov
Phone No:	6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:	
Cuf Claim No:	
CUF Priority Assign:	
CUF Amount Paid:	
Composting Method:	
Facility Type:	
WDR Place Type:	
WDR File No:	
WDR Order No:	
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
Designated Beneficl Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:	
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607399259
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 2/1/2013
Potential COC:	,
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
Groundwater Monitoring Freq:	
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
CalWater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO COUNTY LOP (LEAD) - CASE #: H02457-013 SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT4069 2092900 CASEWORKER: TOM ALO

Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607399259&tabname=regulatoryhistory
Site History:

An authorized release was observed during soil sampling for the removal of a 550 gallon underground storage tank (UST) discovered some remodeling being conducted in the Oiler Shed area beneath the existing canopy. The former use of the UST was not known. The UST contained approximately 24 inches of liquid when discovered with approximately six inches of sludge on the bottom. Of the 24 inches of liquid, several inches was reported to be free hydrocarbon product. A sample was obtained of the liquid in the UST and was analyzed. The liquid was reported to be within the carbon range of kerosene and in the range of waste oil. Volatile Organic Vapors (VOCs) found in the liquid were reported to be 1,1-dichloroethane at a concentration of 37,500 µg/l and Freon 113 at a concentration of 48,500 µg/l. The single wall steel UST and associated piping was removed on April 24, 2000, after the contents of the tank were removed by Triad Marine & Industrial Cleaning Corp. Corrosion and several holes were noted on the UST by the Department of Environmental Health (DEH) inspector. Total Recoverable Petroleum Hydrocarbons (TRPH) up to 137 mg/kg were observed at a side-wall sample directed by the inspector. Five additional soil samples were collected at the request of BF Goodrich personnel. The additional soil sampling analytical results included low levels of Acetone, 2-butanone (MEK), 1,1-dichloroethane, 1,2-dichloroethane, cis-1,2-dichloroethene, and 1, 1, 1-tricholoethane. The Underground Storage Tank Removal and Soil Sampling Report requested no further action as a low risk groundwater case.

DEH directed that the groundwater impacts be evaluated and that a complete site assessment report be submitted in order to evaluate the case for closure. The area of investigation is located along the former high tide line of San Diego Bay and is underlain by artificially compacted fill. Fill materials are located at the surface grade to depths of 7 to 8 feet below ground surface (bgs). The fill consists of a mixture of clay and silty sand with gravel. Bay deposits and the Bay Point Formation encountered beneath the fill consist mostly of clay and sandy clay to the maximum depth investigated at approximately 12 feet bgs. The site is located within a designated beneficial use water basin, and the nearest surface water body is the San Diego Bay which is located approximately 2,500 feet west of the site.

One soil boring was advanced on February 15, 2012 in the center of the former tank pit to a depth of approximately 12 feet bgs. A temporary slotted PVC casing was placed in the boring to collect a groundwater sample. The groundwater analytical results were Non-detect for TRPH, however the Trichloroethene concentration was observed at 74,000 µg/l. Additional VOCs included in the groundwater sample results were 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloethene, cis-1,2-Dichloroethene, and Vinyl Chloride.

*The Trichloroethene (TCE) observed in groundwater in the investigation is above the Maximum Contaminant Levels for a beneficial groundwater use basin. Goodrich is investigating TCE in groundwater site-wide under the oversight of the Regional Water Quality Control Board (RWQCB) in accordance with Cleanup and Abatement Order No. 98-08. The RWQCB was notified of the proposed closure of this Voluntary Assistance Program (VAP) case on August 11, 2011 and they stated they had no issues concerning this closure. The Closure is for the TRPH contamination only. The remaining TRPH contamination does not pose a threat to human health or the environment.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Other
Action: Respond to Petition - Regulator Responded
Action Date: 8/6/1993
Received Issue Date: 8/6/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6168178
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/13/1984
Received Issue Date: 11/15/1984
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6153119
Title Description Comments:

ROHR Industries Plot Plan - Facilities Department Drain Map

Action Type: Response Requested - Reports
Action: Operation and Maintenance Plan/Monitoring Report
Action Date: 3/1/1966
Received Issue Date: 3/1/1966
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6153112
Title Description Comments:

Process Rinse Water - A report on the process rinse waters and other wastes for the Water Quality Control Board

Action Type: Response Requested - Other
Action: Other Report / Document

Action Date: 3/20/1952
Received Issue Date: 3/20/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6161067
Title Description Comments:

Photographs taken by San Diego Water Board staff at and around the ROHR facility following shellfish and bird poisoning.

Action Type: Response Requested - Reports
Action: Sensitive Receptor Survey Report - Regulator Responded
Action Date: 1/1/1952
Received Issue Date: 1/1/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6186469
Title Description Comments:

Excerpt from Extent, Effects and Limitations of Waste Disposal into San Diego Bay Report

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6087849
Title Description Comments:

Former Rohr UST Location Map - Foot of H Street

Action Type: Notices
Action: Letter - Notice
Action Date: 11/30/2009
Received Issue Date: 11/30/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&enforcement_id=6047302&temptable=ENFORCEMENT
Title Description Comments:

GeoTracker Notification Letter

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 4/24/2006
Received Issue Date: 4/25/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6089353
Title Description Comments:

Monitoring Well Construction Permit for 15 Clustered Wells.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6087842
Title Description Comments:

Former Rohr UST Location Map - North Campus

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 2/1/2013
Received Issue Date: 2/1/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&enforcement_id=6148527&temptable=ENFORCEMENT
Title Description Comments:

Closure Documents

Action Type: Response Requested - Reports

Action: Site Assessment Report
Action Date: 4/30/2012
Received Issue Date: 4/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=5736308
Title Description Comments:

Site Assessment Report - Former No. Oiler Shed UST

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/13/2011
Received Issue Date: 12/13/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&enforcement_id=6113300&temptable=ENFORCEMENT
Title Description Comments:

DEH Workplan Approval

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 9/28/2011
Received Issue Date: 9/28/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=5726687
Title Description Comments:

Work Plan for Groundwater Sampling - Delay in upload into GeoTracker caused delay in review time.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/1/2010
Received Issue Date: 12/1/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&enforcement_id=6088119&temptable=ENFORCEMENT
Title Description Comments:

Staff Letter

Action Type: Leak Action
Action: Leak Began
Action Date: 4/24/2000
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 4/24/2000
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 4/24/2000
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 4/24/2000
Received Issue Date:
Doc Link:

Title Description Comments:

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6104438
Title Description Comments:

ASTM Phase I - Site Assessment (AdrianBrown)

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 10/25/1999
Received Issue Date: 10/25/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399259&doc_id=6104450
Title Description Comments:

Phase I and Phase II Site Investigation (SECOR 1999)

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 1/1/1952
Type: SENSITIVE RECEPTOR SURVEY REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: EXCERPT FROM EXTENT, EFFECTS AND LIMITATIONS OF WASTE DISPOSAL INTO SAN DIEGO BAY REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6186469

Document Type: Site Documents ***Document Date:*** 3/14/2013
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - NORTH CAMPUS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6087842

Document Type: Site Documents ***Document Date:*** 12/13/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: DEH WORKPLAN APPROVAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&enforcement_id=6113300

Document Type: Site Documents ***Document Date:*** 2/1/2013
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: CLOSURE DOCUMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&enforcement_id=6148527

Document Type: Site Documents ***Document Date:*** 10/25/1999
Type: SITE INVESTIGATION ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHASE I AND PHASE II SITE INVESTIGATION (SECOR 1999)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6104450

Document Type: Site Documents ***Document Date:*** 3/1/1966
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PROCESS RINSE WATER - A REPORT ON THE PROCESS RINSE WATERS AND OTHER WASTES FOR THE WATER QUALITY CONTROL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6153112

Document Type: Site Documents ***Document Date:*** 6/4/1998
Type: SITE ASSESSMENT REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ASTM PHASE I - SITE ASSESSMENT (ADRIANBROWN)

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6104438

Document Type: Site Documents **Document Date:** 3/20/1952
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHOTOGRAPHS TAKEN BY SAN DIEGO WATER BOARD STAFF AT AND AROUND THE ROHR FACILITY FOLLOWING SHELLFISH AND BIRD POISONING. - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6161067

Document Type: Site Documents **Document Date:** 4/26/2012
Type: SITE INVESTIGATION **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: SITE ASSESSMENT REPORT NORTH OILER SHED UST
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7701862394/T0607399259.PDF

Document Type: Site Documents **Document Date:** 9/23/2011
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: WORK PLAN FOR GROUNDWATER SAMPLING 09-23-2011
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4742462098/T0607399259.PDF

Document Type: Site Documents **Document Date:** 11/30/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: (REGULATOR)
Title: GEOTRACKER NOTIFICATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&enforcement_id=6047302

Document Type: Site Documents **Document Date:** 8/6/1993
Type: RESPOND TO PETITION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6168178

Document Type: Site Documents **Document Date:** 11/15/1984
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ROHR INDUSTRIES PLOT PLAN - FACILITIES DEPARTMENT DRAIN MAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6153119

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - FOOT OF H STREET - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6087849

Document Type: Site Documents **Document Date:** 12/1/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: STAFF LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&enforcement_id=6088119

Document Type: Site Documents **Document Date:** 4/25/2006
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: MONITORING WELL CONSTRUCTION PERMIT FOR 15 CLUSTERED WELLS.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399259&document_id=6089353

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 4/27/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8735944628/T0607399259.PDF

Submitted: 4/27/2012 **Submitted By:** ROBERT K. SCOTT (AUTH_RP)
Title: B1-USTB08C (B1-USTB08C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6088637590/T0607399259.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Case Begin Date
Date: 4/24/2000

Status: Completed - Case Closed
Date: 2/1/2013

Status: Open - Remediation
Date: 4/24/2000

18	11 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS 850 LAGOON DRIVE CHULA VISTA CA 91910-2098	CLEANUP SITES

Global ID: T10000001489
County: San Diego
Status Date: 3/13/2020
Latitude: 32.6308097015706
Longitude: -117.100696563721
Status: Open - Assessment & Interim Remedial Action
Site Facility Type: Cleanup Program Site
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 2092900
Local Case No:
Begin Date: 8/12/2009
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: 1,1,1-Trichloroethane (TCA), Other Chlorinated Hydrocarbons, Trichloroethylene (TCE), Vinyl chloride, Polychlorinated biphenyls (PCBs), Other Petroleum, Polynuclear aromatic hydrocarbons (PAHs)
How Discovered:
Stop Method:
Stop Description:
Case Worker: TCA
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt:
Potential Media of Concern: Contaminated Surface / Structure, Other Groundwater (uses other than drinking water), Soil
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
File Location: Regional Board
Site History:

Since 1941, structural and engine components for use in the aviation and aerospace industry have been manufactured at the North Campus Property. Chemicals stored at the North Campus Property and used during manufacturing operations have been found in the soil, soil gas, and groundwater as reported in site environmental investigation reports and groundwater monitoring reports. The group of chemicals discharged include, but are not limited to, volatile organic compounds (VOCs), metals, petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs). In 1998, the San Diego Water Board issued CAO No. 98-08 to Rohr, Inc. CAO No. 98-08 requires the cleanup and abatement of wastes discharged from Rohr's manufacturing operations located at 850 Lagoon Drive in Chula Vista, California (North Campus Property and South Campus

Property). CAO No. 98-08 includes directives to (1) conduct a site-wide environmental site assessment, (2) conduct a comprehensive storm water runoff sampling program, (3) conduct a comprehensive storm water conveyance system investigation, (4) perform a site-wide data compilation and evaluation, and (5) conduct interim remedial actions. The first four directives have been completed. All subsequent activities have been conducted as interim remedial measures pursuant to the fifth directive. Interim remedial actions are currently underway at an off-property area located downgradient, known as Parcel H-3, pursuant to CAO No. 98-08. Redevelopment activities will be initiated on Parcel H-3 beginning in Summer 2020. The San Diego Water Board is currently preparing CAO No. R9-2020-0099, which addresses the cleanup or abatement of all wastes discharged to soil, soil gas, and groundwater from the manufacturing operations at the North Campus Property. CAO No. R9-2020-0099 will supersede CAO No. 98-08 except for the interim remedial actions at Parcel H-3, which will continue to be conducted under CAO No. 98-08. This CAO will be issued by Summer 2020. The North Campus Property is planned for redevelopment and is separated into three parcels: Parcels A, B, and C. Parcel A is approximately 12 acres and is currently for sale. The potential buyer plans to repurpose the three existing buildings on Parcel A. Parcel B is approximately 30 acres and is currently for sale. The potential buyer plans to demolish all the existing buildings on Parcel B. Parcel C is approximately 43 acres and includes 11 buildings, and is currently not for sale.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Date: 2022-11-03 00:00:00
Action: Staff Letter
Action Type: ENFORCEMENT

Date: 2022-11-10 00:00:00
Action: Staff Letter
Action Type: ENFORCEMENT

Date: 2019-06-26 00:00:00
Action: Site Investigation Workplan
Action Type: RESPONSE

Date: 2018-04-04 00:00:00
Action: Other Workplan
Action Type: RESPONSE

Date: 2018-09-24 00:00:00
Action: Well Installation Workplan
Action Type: RESPONSE

Date: 2017-12-31 00:00:00
Action: Other Workplan
Action Type: RESPONSE

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 2009-08-12 00:00:00

Status: Open - Assessment & Interim Remedial Action
Status Date: 2009-08-12 00:00:00

Status: Open - Assessment & Interim Remedial Action
Status Date: 2020-03-13 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: TOM ALO
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: tom.alo@waterboards.ca.gov
Phone No: 6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:

CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000001489
Cleanup Status Detail: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION AS OF 3/13/2020
Potential COC: 1,1,1-TRICHLOROETHANE (TCA), OTHER CHLORINATED HYDROCARBONS, OTHER PETROLEUM, POLYCHLORINATED BIPHENYLS (PCBS), POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS), TRICHLOROETHYLENE (TCE), VINYL CHLORIDE
Potential Media of Concern: CONTAMINATED SURFACE / STRUCTURE, OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 2092900
CASEWORKER: TOM ALO
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000001489&tabname=regulatoryhistory
Site History:

Since 1941, structural and engine components for use in the aviation and aerospace industry have been manufactured at the North Campus Property. Chemicals stored at the North Campus Property and used during manufacturing operations have been found in the soil, soil gas, and groundwater as reported in site environmental investigation reports and groundwater monitoring reports. The group of chemicals discharged include, but are not limited to, volatile organic compounds (VOCs), metals, petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs).

In 1998, the San Diego Water Board issued CAO No. 98-08 to Rohr, Inc. CAO No. 98-08 requires the cleanup and abatement of wastes discharged from Rohr's manufacturing operations located at 850 Lagoon Drive in Chula Vista, California (North Campus Property and South Campus Property). CAO No. 98-08 includes directives to (1) conduct a site-wide environmental site assessment, (2) conduct a comprehensive storm water runoff sampling program, (3) conduct a comprehensive storm water conveyance system investigation, (4) perform a site-wide data compilation and evaluation, and (5) conduct interim remedial actions. The first four directives have been completed. All subsequent activities have been conducted as interim remedial measures pursuant to the fifth directive. Interim remedial actions are currently underway at an off-property area located downgradient, known as Parcel H-3, pursuant to CAO No. 98-08. Redevelopment activities will be initiated on Parcel H-3 beginning in Summer 2020.

The San Diego Water Board is currently preparing CAO No. R9-2020-0099, which addresses the cleanup or abatement of all wastes discharged to soil, soil gas, and groundwater from the manufacturing operations at the North Campus Property. CAO No. R9-2020-0099 will supersede CAO No. 98-08 except for the interim remedial actions at Parcel H-3, which will continue to be conducted under CAO No. 98-08. This CAO will be issued by Summer 2020.

The North Campus Property is planned for redevelopment and is separated into three parcels: Parcels A, B, and C. Parcel A is approximately 12 acres and is currently for sale. The potential buyer plans to repurpose the three existing buildings on Parcel A. Parcel B is approximately 30 acres and is currently for sale. The potential buyer plans to demolish all the existing buildings on Parcel B. Parcel C is approximately 43 acres and includes 11 buildings, and is currently not for sale.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/9/2021
Received Issue Date:
Doc Link:
Title Description Comments:

Parcel B - Data Gap Investigation Work Plan for Soil, Soil Gas, and Groundwater

Action Type: Response Requested - Other
Action: Other Report / Document

Action Date: 11/9/2021
Received Issue Date:
Doc Link:
Title Description Comments:

Parcel C - Data Gap Investigation Work Plan for Soil, Soil Gas, and Groundwater

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/25/2021
Received Issue Date: 10/25/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6479695&temptable=ENFORCEMENT
Title Description Comments:

Revised Sitewide Conceptual Site Model - Resubmittal Extension Request

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 10/14/2021
Received Issue Date: 10/14/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6484448&temptable=ENFORCEMENT
Title Description Comments:

Updated Sitewide Conceptual Site Model

Action Type: Response Requested - Other
Action: Response to Comments
Action Date: 12/3/2021
Received Issue Date: 12/3/2021
Doc Link:
Title Description Comments:

Parcel A Data Gap Investigation Work Plan

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/18/2021
Received Issue Date: 11/18/2021
Doc Link:
Title Description Comments:

Parcel A Data Gap Investigation Work Plan

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/9/2021
Received Issue Date:
Doc Link:
Title Description Comments:

Parcel A - Data Gap Investigation Work Plan for Soil, Soil Gas and Groundwater

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 9/10/2021
Received Issue Date:
Doc Link:
Title Description Comments:

Sitewide - Updated Conceptual Site Model Report for (1) Parcel B soil/soil gas, (2) Parcel C soil/soil gas, and (3) Sitewide groundwater.

Action Type: Response Requested - Other

Action: Conceptual Site Model - Regulator Responded
Action Date: 9/10/2021
Received Issue Date: 4/30/2021
Doc Link:
Title Description Comments:

Parcel A - Updated Conceptual Site Model Report for Soil and Soil Gas

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order
Action Date: 7/12/2021
Received Issue Date: 7/12/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6471285&temptable=ENFORCEMENT
Title Description Comments:

Cleanup and Abatement Order No. R9-2021-0042

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/24/2021
Received Issue Date: 6/24/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6469775&temptable=ENFORCEMENT
Title Description Comments:

FY 2021-22 Annual Estimation Letter

Action Type: Response Requested - Reports
Action: Soil Vapor Intrusion Investigation Report
Action Date: 6/21/2021
Received Issue Date: 6/21/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6054544
Title Description Comments:

Parcel H-3 Soil Vapor Screening Survey

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/7/2021
Received Issue Date: 6/7/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6069936
Title Description Comments:

Groundwater Management Plan for North Campus/Parcel H-3

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order - #R9-2021-0042
Action Date: 5/3/2021
Received Issue Date: 5/3/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6467008&temptable=ENFORCEMENT
Title Description Comments:

Tentative Cleanup and Abatement Order No. R9-2021-0042

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 9/2/2021
Received Issue Date: 9/2/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6057402
Title Description Comments:

Notice of Change of Owner

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 10/27/2020
Received Issue Date: 10/27/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6034572
Title Description Comments:

North Campus - Conceptual Site Model Report

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 10/1/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Monthly Progress Report for Parcel H-3 Groundwater RAP

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 9/1/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Monthly Progress Report for Parcel H-3 Groundwater RAP

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/25/2020
Received Issue Date: 6/25/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6469167&temptable=ENFORCEMENT
Title Description Comments:

FY 2020-21 Annual Estimation Letter

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 8/1/2020
Received Issue Date:
Doc Link:
Title Description Comments:

Monthly Progress Report for Parcel H-3 Groundwater RAP

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order
Action Date: 7/6/2020
Received Issue Date: 7/6/2020
Doc Link:
Title Description Comments:

Administrative Draft CAO No. R9-2020-0099

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 7/1/2020
Received Issue Date: 7/1/2020
Doc Link:
Title Description Comments:

Monthly Progress Report for Parcel H-3 Groundwater RAP

Action Type: Response Requested - Reports
Action: Progress Report (Soil/GW/ Updates)
Action Date: 6/1/2020
Received Issue Date: 6/1/2020
Doc Link:
Title Description Comments:

Monthly Progress Report for Parcel H-3 Groundwater RAP

Action Type: Other Regulatory Actions
Action: Verbal Communication
Action Date: 12/4/2018
Received Issue Date: 12/4/2018
Doc Link:
Title Description Comments:

Adam Meyer from Port of SD will issue ROE for the additional groundwater investigation west of North Campus by 12/21/18.

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 11/29/2018
Received Issue Date: 11/28/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5995623
Title Description Comments:

Final Work Plan for Additional Groundwater Investigation

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan - Regulator Responded
Action Date: 10/19/2018
Received Issue Date: 10/20/2018
Doc Link:
Title Description Comments:

Submit a revised work plan showing the changes in redline/strikeout based on the SD Water Board's 10/3 comments

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/3/2018
Received Issue Date: 10/3/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6371611&temptable=ENFORCEMENT
Title Description Comments:

Work Plan for Additional Groundwater Investigation

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Regulator Responded
Action Date: 9/28/2018
Received Issue Date: 9/17/2018
Doc Link:
Title Description Comments:

Submit work plan to advance additional CPT/MIP borings on H3 Parcel (proposed convention center, west of North Campus) to further investigate the magnitude and extent of the impacted groundwater.

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 11/27/2018
Received Issue Date: 11/27/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5995489
Title Description Comments:

Oiler Shed Boring Completion and Well Construction Report

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 11/27/2018
Received Issue Date: 11/27/2018
Doc Link:
Title Description Comments:

Western Boundary Boring Completion Report

Action Type: Notices
Action: Letter - Notice
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6374558&temptable=ENFORCEMENT
Title Description Comments:

State Board Invoicing Delay Fiscal Year 2018-19 Letter

Action Type: Response Requested - Workplans
Action: Well Installation Workplan
Action Date: *9/24/2018
Received Issue Date: 10/5/2018
Doc Link:
Title Description Comments:

Install monitoring wells for the Oiler Shed and North of Marina areas.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 8/24/2018
Received Issue Date: 8/22/2018
Doc Link:
Title Description Comments:

Submit well location map and revised contour maps for Zone A, Upper Zone B, and Lower Zone C.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/1/2018
Received Issue Date: 6/1/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6012201
Title Description Comments:

Parcel H-3 Geotechnical Investigation

Action Type: Response Requested - Reports
Action: Soil Vapor Intrusion Investigation Report
Action Date: 5/3/2018
Received Issue Date: 5/3/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6008210
Title Description Comments:

Parcel H-3 Limited Soil Gas Survey

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/30/2018
Received Issue Date: 3/30/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6353261&temptable=ENFORCEMENT
Title Description Comments:

Preliminary Schedule for Additional Assessments

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 1/31/2018
Received Issue Date: 11/27/2018
Doc Link:
Title Description Comments:

Completion report for additional investigation at Western Property Boundary Area, Oiler Shed Area, and North of Marina Area.

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 7/2/2018
Received Issue Date: 7/2/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6364786&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/22/2018
Received Issue Date: 1/22/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6019646
Title Description Comments:

Rohr North Campus Facility - Triangle Parcel

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: *4/4/2018
Received Issue Date: 4/2/2018
Doc Link:
Title Description Comments:

Mobilize to implement Oiler Shed and Western Area Boundary work plans

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: *12/31/2017
Received Issue Date: 3/12/2018
Doc Link:
Title Description Comments:

Access agreement to implement Oiler Shed and Western Area Boundary work plans

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan
Action Date: 6/28/2017
Received Issue Date: 6/28/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5995376
Title Description Comments:

Revised Work Plan for Additional Groundwater Investigation - Oiler Shed and North of Marina Areas

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/20/2017
Received Issue Date: 6/20/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6323795&temptable=ENFORCEMENT

Title Description Comments:

FY 2017-18 Annual Estimation Letter

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 2/1/2016
Received Issue Date: 2/1/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6007044
Title Description Comments:

Parcel H-3 Concrete and Asphalt Sampling Work Plan

Action Type: Response Requested - Reports
Action: Interim Remedial Action Report
Action Date: 6/1/2020
Received Issue Date: 6/1/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6024149
Title Description Comments:

Parcel H-3 Groundwater Remediation, Monthly Progress Report

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 4/8/2020
Received Issue Date: 4/8/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6033946
Title Description Comments:

Per- and Polyfluoroalkyl Substances Sampling Report

Action Type: Response Requested - Reports
Action: NPDES / WDR Reports
Action Date: 3/11/2020
Received Issue Date: 3/11/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6019051
Title Description Comments:

Parcel H-3 General WDR Order No. R9-2008-0081

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 12/9/2019
Received Issue Date: 12/9/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6015341
Title Description Comments:

CLRRA Application for Parcel H-3

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan - Regulator Responded
Action Date: 11/22/2019
Received Issue Date: 11/22/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6009486
Title Description Comments:

Parcel H-3 Work Plan for Data Gap Sampling

Action Type: Response Requested - Reports
Action: CAP/RAP - Feasibility Study Report
Action Date: 12/22/2019
Received Issue Date: 12/22/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6011405

Title Description Comments:

Groundwater FS/RAP Report - Interim Groundwater Remediation for Parcel H-3

Action Type: Response Requested - Reports
Action: Risk Assessment Report
Action Date: 12/20/2019
Received Issue Date: 12/20/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6011407
Title Description Comments:

Parcel H-3 Human Health Risk Assessment

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/6/2019
Received Issue Date: 11/6/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6419838&temptable=ENFORCEMENT
Title Description Comments:

Parcel H-3 Conceptual Site Model Report

Action Type: Response Requested - Reports
Action: Feasibility Study Report
Action Date: 11/1/2019
Received Issue Date: 11/1/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6008517
Title Description Comments:

North Campus/Parcel H-3 Alternative Cleanup Levels Report

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 9/13/2019
Received Issue Date: 9/13/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6004158
Title Description Comments:

Revised Work Plan for PFAS Sampling

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 8/26/2019
Received Issue Date: 8/26/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6007021
Title Description Comments:

2019 Additional Groundwater Investigation Report

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 8/12/2019
Received Issue Date: 8/12/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6001771
Title Description Comments:

Background Soil and Groundwater Report

Action Type: Response Requested - Reports
Action: Pilot Study/ Treatability Report
Action Date: 8/5/2019
Received Issue Date: 8/5/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6012233

Title Description Comments:

Bench-Scale Treatability Study Report: Evaluation of TCE and 1,1-DCE Remediation under Anaerobic Conditions

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded
Action Date: 7/19/2019
Received Issue Date: 7/16/2019
Doc Link:
Title Description Comments:

Revised work plan addendum based on SD Water Board's 7/9/19 comments.

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded
Action Date: 6/27/2019
Received Issue Date: 6/27/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5997804
Title Description Comments:

Work Plan Addendum - Work Plan for Additional Groundwater Investigation

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/24/2019
Received Issue Date: 6/24/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6429812&temptable=ENFORCEMENT
Title Description Comments:

2019-20 Annual Estimation Letter

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan
Action Date: *6/26/2019
Received Issue Date: 6/27/2018
Doc Link:
Title Description Comments:

Work plan to conduct additional data gap investigation at Parcel H-3. Work plan will include data from the recent Parcel H-3 investigation.

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 4/17/2019
Received Issue Date: 4/17/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5995487
Title Description Comments:

Western Property Boundary Investigation Report

Action Type: Response Requested - Reports
Action: Soil Vapor Intrusion Investigation Report
Action Date: 2/26/2019
Received Issue Date: 2/26/2019
Doc Link:
Title Description Comments:

Parcel H-3 Limited Soil Gas Investigation

Action Type: Response Requested - Reports
Action: Soil Vapor Intrusion Investigation Report
Action Date: 2/26/2019
Received Issue Date: 2/26/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6007995

Title Description Comments:

Parcel H-3 Limited Soil Gas Investigation

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 2/26/2019
Received Issue Date: 2/26/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6050571
Title Description Comments:

Parcel H-3 Limited Soil Gas Investigation

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 12/26/2018
Received Issue Date: 12/26/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6008211
Title Description Comments:

Parcel H-3 Demolition Environmental Oversight

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/7/2022
Received Issue Date: 1/7/2022
Doc Link:
Title Description Comments:

Parcel A Data Gap Investigation Work Plan

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 12/27/2021
Received Issue Date: 12/27/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6484446&temptable=ENFORCEMENT
Title Description Comments:

Revised Technical Memorandum - Equipment Area Observations

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 7/13/1999
Received Issue Date: 7/13/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6046045
Title Description Comments:

Relocation Agreement by and among City of Chula Vista, Redevelopment Agency of the City of Chula Vista, San Diego Unified Port District, and Rohr, Inc.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 7/13/1998
Received Issue Date: 7/13/1998
Doc Link:
Title Description Comments:

Directive C - Comprehensive Storm Water Conveyance System Investigation Report

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6104436
Title Description Comments:

ASTM Phase I - Site Assessment (AdrianBrown)

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998
Doc Link:
Title Description Comments:

Directive A - ASTM Phase I Site Assessment

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/27/1998
Received Issue Date: 5/27/1998
Doc Link:
Title Description Comments:

Directive D - Data Compilation and Evaluation Report

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 5/15/1998
Received Issue Date: 5/15/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6135612&temptable=ENFORCEMENT
Title Description Comments:

ACKNOWLEDGEMENT OF COST RECOVERY OBLIGATIONS AND AGREEMENT TO REIMBURSE

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/11/1998
Received Issue Date: 5/11/1998
Doc Link:
Title Description Comments:

Directive B - Comprehensive Storm Water Runoff Sampling Report

Action Type: Enforcement/Orders
Action: Clean-up and Abatement Order
Action Date: 4/2/1998
Received Issue Date: 4/2/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6086143&temptable=ENFORCEMENT
Title Description Comments:

Cleanup and Abatement Order No. 98-08

Action Type: Response Requested - Other
Action: Respond to Petition - Regulator Responded
Action Date: 8/6/1993
Received Issue Date: 8/6/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6168174
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/13/1984

Received Issue Date: 11/15/1984
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6153115
Title Description Comments:

ROHR Industries Plot Plan - Facilities Department Drain Map

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 2/8/1968
Received Issue Date: 2/8/1968
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6153122
Title Description Comments:

Bldg and Tank Sampling Results for Copper and Chromium Collected 11/30/1967

Action Type: Response Requested - Reports
Action: Operation and Maintenance Plan/Monitoring Report
Action Date: 3/1/1966
Received Issue Date: 3/1/1966
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6153108
Title Description Comments:

Process Rinse Water - A report on the process rinse waters and other wastes for the Water Quality Control Board

Action Type: Enforcement - Other
Action: UNK
Action Date:
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6078833
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 2 of 5).

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6078831
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 1 of 5).

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6078835
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 3 of 5).

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6078839

Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 5 of 5).

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6078837
Title Description Comments:

Aerial Photographs from 1939 - 1998 from the Conceptual Plan for the the Chula Vista Bayfront Redevelopment Project (Part 4 of 5).

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/15/1952
Received Issue Date: 12/15/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6272362&temptable=ENFORCEMENT
Title Description Comments:

Proposed Waste Disposal Program for ROHR Aircraft Corporation

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date:
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 9/30/2015
Received Issue Date: 9/30/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6272988&temptable=ENFORCEMENT
Title Description Comments:

Forensic Chemistry Evaluation of Environmental Data from the Former Goodrich South Campus

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/23/2015
Received Issue Date: 6/23/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6249961&temptable=ENFORCEMENT
Title Description Comments:

Work Plan for Data Gap Assessment

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 4/7/2015
Received Issue Date: 4/7/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6006976
Title Description Comments:

Parcel H-3 Limited Soil and Groundwater Investigation

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 4/1/2014
Received Issue Date: 4/1/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6007999

Title Description Comments:

Parcel H-3 Summary of Recognized Environmental Conditions

Action Type: Response Requested - Reports
Action: Site Assessment Report - Regulator Responded
Action Date: 3/1/2014
Received Issue Date: 3/1/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6110922
Title Description Comments:

Source Identification of PCB Impacts in H Street - Bodhi Group Report

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/9/2013
Received Issue Date: 7/9/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6166462&temptable=ENFORCEMENT
Title Description Comments:

2013-2014 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6087846
Title Description Comments:

Former Rohr UST Location Map - Foot of H Street

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/22/2013
Received Issue Date: 1/22/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5761774
Title Description Comments:

Case File Transfer Notification - Voluntary Assistance Program #H02457-012

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/10/2013
Received Issue Date: 1/10/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5761775
Title Description Comments:

Case File Transfer Notification - Voluntary Assistance Program #H02457-006

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/3/2013
Received Issue Date: 1/3/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5762090
Title Description Comments:

Case File Transfer Notification - Voluntary Assistance Program #H02457-013

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 7/30/2012
Received Issue Date: 7/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5750515

Title Description Comments:

UTC's Acquisition of Goodrich Corporation

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/1/2012
Received Issue Date: 7/1/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6140594&temptable=ENFORCEMENT
Title Description Comments:

2012-13 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6087839
Title Description Comments:

Former Rohr UST Location Map - North Campus

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2011
Received Issue Date: 6/6/2011
Doc Link:
Title Description Comments:

Report of Groundwater Monitoring and Sampling, First Quarter 2011, Goodrich Aerostructures, North Campus, Chula Vista, CA

Action Type: Response Requested - Workplans
Action: Well Installation Workplan
Action Date: 4/24/2006
Received Issue Date: 4/24/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=5759405
Title Description Comments:

County Monitoring Well Construction Permit

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 4/24/2006
Received Issue Date: 4/25/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6089350
Title Description Comments:

Monitoring Well Construction Permit for 15 Clustered Wells.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/20/1952
Received Issue Date: 3/20/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6161063
Title Description Comments:

Photographs taken by San Diego Water Board staff at and around the ROHR facility following shellfish and bird poisoning.

Action Type: Response Requested - Reports
Action: Sensitive Receptor Survey Report - Regulator Responded
Action Date: 1/1/1952
Received Issue Date: 1/1/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6186465

Title Description Comments:

Excerpt from Extent, Effects and Limitations of Waste Disposal into San Diego Bay Report

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 10/25/1999
Received Issue Date: 10/25/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6104448
Title Description Comments:

Phase I and Phase II Site Investigation (SECOR 1999)

Action Type: Other Regulatory Actions
Action: Preparation of Agenda Item
Action Date: 1/1/2006
Received Issue Date: 1/1/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6280170&temptable=ENFORCEMENT
Title Description Comments:

Status of Sediment Cleanup Activities at Solar Turbines & Goodrich Aerostructures Pete Peuron's Regional Board presentation notes regarding Outfall No. 1 at the northwest area of the BF Goodrich property.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 1/9/2000
Received Issue Date: 1/9/2000
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6008009
Title Description Comments:

Analysis of the Potential for Downward Leakage of Dissolved-Phase Chlorinated Hydrocarbons

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 9/15/2022
Received Issue Date: 9/15/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6080387
Title Description Comments:

Monthly Status Report of Construction Groundwater Dewatering Monitoring (August 1-25, 2022)

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 9/14/2022
Received Issue Date: 9/14/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6505310&temptable=ENFORCEMENT
Title Description Comments:

Parcel B - Second Addendum to Revised Data Gap Investigation Work Plan

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 9/8/2022
Received Issue Date: 9/8/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6079550
Title Description Comments:

Parcel B - Demolition and Soil Environmental Monitoring Plan

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 8/25/2022

Received Issue Date: 8/25/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6503256&temptable=ENFORCEMENT
Title Description Comments:

Demolition and Environmental Monitoring Plan for Parcel B

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 8/18/2022
Received Issue Date: 8/18/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6502577&temptable=ENFORCEMENT
Title Description Comments:

Monthly Status Report of Construction Groundwater Dewatering Monitoring (July 8-29, 2022)

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 8/15/2022
Received Issue Date: 8/15/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6078340
Title Description Comments:

Monthly Status Report of Construction Groundwater Dewatering Monitoring (July 8-29, 2022)

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 8/15/2022
Received Issue Date: 8/15/2022
Doc Link:
Title Description Comments:

Monthly Status Report of Construction Groundwater Dewatering Monitoring (July 8-29, 2022)

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 7/14/2022
Received Issue Date: 7/14/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6499695&temptable=ENFORCEMENT
Title Description Comments:

Parcel B - Addendum to Data Gap Investigation Work Plan

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 6/17/2022
Received Issue Date: 6/17/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6077409
Title Description Comments:

Revised H-3 Parcel Construction Dewatering Monitoring and Environmental Mitigation Plan

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 4/27/2022
Received Issue Date: 4/27/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6077465
Title Description Comments:

Soil Management Plan - Parcel H3 Proposed Hotel and Convention Center

Action Type: Response Requested - Other

Action: Other Report / Document
Action Date: 4/27/2022
Received Issue Date: 4/27/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6072076
Title Description Comments:

Parcel H-3 Soil Management Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/24/2022
Received Issue Date: 3/24/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6490436&temptable=ENFORCEMENT
Title Description Comments:

Chula Vista Bayfront Parcel H-3

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/30/2022
Received Issue Date: 6/30/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6500933&temptable=ENFORCEMENT
Title Description Comments:

2022-23 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/20/2022
Received Issue Date: 6/20/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000001489&doc_id=6077466
Title Description Comments:

Soil Management Plan Flow Charts - Parcel H3 Proposed Hotel and Convention Center

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 3/15/2022
Received Issue Date: 3/15/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6495365&temptable=ENFORCEMENT
Title Description Comments:

Revised Data Gap Investigation Work Plan for Parcel B

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 3/15/2022
Received Issue Date: 3/15/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6495366&temptable=ENFORCEMENT
Title Description Comments:

Revised Updated Sitewide Conceptual Site Model

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/24/2022
Received Issue Date: 1/24/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6485256&temptable=ENFORCEMENT
Title Description Comments:

Revised Technical Memorandum - Equipment Area Observations

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/11/2022
Received Issue Date: 1/11/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6484445&temptable=ENFORCEMENT
Title Description Comments:

Revised Technical Memorandum - Equipment Area Observations

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Monitoring Reports ***Document Date:*** 10/16/2010*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: AECOM (AUTH_RP)
Title: 1Q2010 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8674519360/T10000001489.PDF

Document Type: Site Documents ***Document Date:*** 4/8/2020
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: PER- AND POLYFLUOROALKYL SUBSTANCES SAMPLING REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6033946

Document Type: Site Documents ***Document Date:*** 11/11/2019
Type: SITE ASSESSMENT REPORT ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DATA GAP ASSESSMENT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6578621923/T10000001489.PDF

Document Type: Site Documents ***Document Date:*** 11/1/2019
Type: FEASIBILITY STUDY REPORT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: NORTH CAMPUS/PARCEL H-3 ALTERNATIVE CLEANUP LEVELS REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6008517

Document Type: Site Documents ***Document Date:*** 2/26/2019
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 LIMITED SOIL GAS INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6050571

Document Type: Site Documents ***Document Date:*** 11/27/2018
Type: SITE INVESTIGATION ***Submitted:***
Submitted By: AECOM (AUTH_RP)
Title: OILER SHED BORING COMPLETION AND WELL CONSTRUCTION REPORT 11-27-18
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7996353387/T10000001489.PDF

Document Type: Site Documents ***Document Date:*** 7/2/2018
Type: ANNUAL ESTIMATION LETTER ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6364786

Document Type: Site Documents ***Document Date:*** 6/28/2017
Type: OTHER WORKPLAN ***Submitted:***
Submitted By: AECOM (AUTH_RP)
Title: REVISED ADD'L ASSESSMENT OILER SHED AND NORTH OF MARINA AREAS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1105688691/T10000001489.PDF

Document Type: Site Documents ***Document Date:*** 3/6/2017*
Type: OTHER WORKPLAN ***Submitted:***
Submitted By: AECOM (AUTH_RP)
Title: ADDITIONAL ASSESSMENT OILER SHED AND NORTH OF MARINA AREAS

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1861960053/T10000001489.PDF

Document Type: Site Documents **Document Date:** 11/21/2016
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PROPOSED GROUNDWATER MONITORING PROGRAM MODIFICATIONS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3420579910/T10000001489.PDF

Document Type: Site Documents **Document Date:** 4/30/2015
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: SUPPLEMENTAL REMEDIAL INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7155634284/T10000001489.PDF

Document Type: Site Documents **Document Date:** 7/9/2013
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2013-2014 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6166462

Document Type: Site Documents **Document Date:** 1/22/2013
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CASE FILE TRANSFER NOTIFICATION - VOLUNTARY ASSISTANCE PROGRAM #H02457-012 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=5761774

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT (PART 4 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6078837

Document Type: Site Documents **Document Date:** 4/24/2006
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: COUNTY MONITORING WELL CONSTRUCTION PERMIT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=5759405

Document Type: Site Documents **Document Date:** 11/5/2005*
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF SITE INVESTIGATION AND GROUNDWATER MODELING FOR EVALUATION OF ENVIRONMENTAL IMPACTS RELATED TO PROPOSED UNDERGROUNDING OF SDG&E POWER LINES ACROSS GOODRICH AEROSTRUCTURES FACILITY
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9574903130/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/9/2000
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ANALYSIS OF THE POTENTIAL FOR DOWNWARD LEAKAGE OF DISSOLVED-PHASE CHLORINATED HYDROCARBONS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6008009

Document Type: Site Documents **Document Date:** 3/1/1966
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PROCESS RINSE WATER - A REPORT ON THE PROCESS RINSE WATERS AND OTHER WASTES FOR THE WATER QUALITY CONTROL BOARD
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6153108

Document Type: Monitoring Reports **Document Date:** 5/16/2022
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF INTERIM REMEDY AND CONSOLIDATED FIRST QUARTER GROUNDWATER MONITORING AND SAMPLING - 2022

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1521258890/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 10/18/2017*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF ANNUAL GROUNDWATER MONITORING AND SAMPLING 2017
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8163345575/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 10/31/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2016 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8484214484/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 9/13/2016*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2Q2016 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3690980911/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 1/21/2016*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2015 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5458521246/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 5/18/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 1Q2015 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7771842300/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 5/7/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2014 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6615393936/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 12/29/2014
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2013 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6994422256/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/30/2022
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2022-23 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6500933

Document Type: Site Documents **Document Date:** 6/13/2022
Type: SOIL MANAGEMENT PLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DEMOLITION AND ENVIRONMENTAL MANAGEMENT PLAN, ROHR, INC. - NORTH CAMPUS, PARCEL B, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7515887677/T10000001489.PDF

Document Type: Site Documents **Document Date:** 4/27/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 SOIL MANAGEMENT PLAN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6072076

Document Type: Site Documents **Document Date:** 3/30/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PERIOD FEBRUARY 26, 2022 TO MARCH 25, 2022 PROGRESS SUMMARY GROUNDWATER REMEDIATION PARCEL H-3 ROHR, INC. - A COLLINS AEROSPACE COMPANY NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA RWQCB CODE NUMBER: SMC: 20-0283.51: ALOT GLOBAL ID: T000

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5744606733/T10000001489.PDF

Document Type: Site Documents **Document Date:** 3/24/2022
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CHULA VISTA BAYFRONT PARCEL H-3
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6490436

Document Type: Site Documents **Document Date:** 5/1/2021
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: FIRST QUARTER 2021 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1307650983/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 7/30/2021*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF INTERIM REMEDY AND CONSOLIDATED SECOND QUARTER GROUNDWATER MONITORING AND SAMPLING - 2021
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4366244733/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 10/15/2020*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF INTERIM REMEDY BASELINE AND CONSOLIDATED THIRD QUARTER GROUNDWATER MONITORING AND SAMPLING - 2020
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4888835072/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 6/12/2017*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 1Q2017 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4676108002/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/18/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2014 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9225404858/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 8/1/2011
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2Q2011 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2423573315/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 4/27/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2008 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5081132292/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 10/22/2008*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 1Q2008 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9199656188/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/15/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: MONTHLY STATUS REPORT OF CONSTRUCTION GROUNDWATER DEWATERING MONITORING (AUGUST 1-25, 2022)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6080387

Document Type: Site Documents **Document Date:** 8/25/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)

Title: DEMOLITION AND ENVIRONMENTAL MONITORING PLAN FOR PARCEL B
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6503256

Document Type: Site Documents **Document Date:** 8/15/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: MONTHLY STATUS REPORT OF CONSTRUCTION GROUNDWATER DEWATERING MONITORING (JULY 8-29, 2022)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6078340

Document Type: Site Documents **Document Date:** 7/18/2022
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: SECOND QUARTER 2022 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5717762649/T10000001489.PDF

Document Type: Site Documents **Document Date:** 7/14/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL B - ADDENDUM TO DATA GAP INVESTIGATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6499695

Document Type: Site Documents **Document Date:** 7/13/2022
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PERIOD JUNE 1, 2022 TO JUNE 30, 2022 PROGRESS SUMMARY GROUNDWATER REMEDIATION PARCEL H-3 ROHR, INC. - A COLLINS AEROSPACE COMPANY NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA RWQCB CODE NUMBER: SMC: 20-0283.51: ALOT GLOBAL ID: T10000001489
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2680178642/T10000001489.PDF

Document Type: Site Documents **Document Date:** 2/25/2022
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED DATA GAP INVESTIGATION WORK PLAN, ROHR, INC. - NORTH CAMPUS, PARCEL B, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7646411478/T10000001489.PDF

Document Type: Site Documents **Document Date:** 2/9/2022
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PARCEL H-3 REMEDIAL PROGRESS REPORT - NOVEMBER 2021 TO JANUARY 2022
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5420718193/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/24/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED TECHNICAL MEMORANDUM - EQUIPMENT AREA OBSERVATIONS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6485256

Document Type: Site Documents **Document Date:** 1/21/2022
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SUMMARY OF CONCRETE OBSERVATIONS FOLLOWING EQUIPMENT DECOMMISSIONING, ROHR, INC. - NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1204104840/T10000001489.PDF

Document Type: Site Documents **Document Date:** 11/22/2019
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 WORK PLAN FOR DATA GAP SAMPLING - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6009486

Document Type: Site Documents **Document Date:** 9/30/2019*
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: CONCEPTUAL SITE MODEL REPORT H3 FINAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9063402652/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/13/2019

Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED WORK PLAN FOR PFAS SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6004158

Document Type: Site Documents **Document Date:** 10/31/2018
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: INDOOR AIR SCREENING TECHNICAL MEMORANDUM, ROHR, INC. - BUILDING 1, CHULA VISTA, CALIFORNIA, RWQCB CODE NO. SMC:20-0283.051.ALOT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3834489822/T10000001489.PDF

Document Type: Site Documents **Document Date:** 5/3/2018
Type: SOIL VAPOR INTRUSION INVESTIGATION REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 LIMITED SOIL GAS SURVEY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6008210

Document Type: Site Documents **Document Date:** 12/27/2021
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED TECHNICAL MEMORANDUM - EQUIPMENT AREA OBSERVATIONS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6484446

Document Type: Site Documents **Document Date:** 9/9/2021*
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: UPDATED SITEWIDE CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7203112602/T10000001489.PDF

Document Type: Site Documents **Document Date:** 8/25/2021*
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CLEANUP AND ABATEMENT ORDER NO. R9-2021-0042, PROVISION L.1 - OPTIONAL DOCUMENTS SUBMITTALS, ROHR, INC., CHULA VISTA, CA FACILITY
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5722359418/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/21/2021
Type: SOIL VAPOR INTRUSION INVESTIGATION REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 SOIL VAPOR SCREENING SURVEY - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6054544

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - NORTH CAMPUS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6087839

Document Type: Site Documents **Document Date:** 1/10/2013
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CASE FILE TRANSFER NOTIFICATION - VOLUNTARY ASSISTANCE PROGRAM #H02457-006 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=5761775

Document Type: Site Documents **Document Date:** 7/30/2012
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: UTC'S ACQUISITION OF GOODRICH CORPORATION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=5750515

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA

BAYFRONT REDEVELOPMENT PROJECT (PART 1 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6078831

Document Type: Site Documents **Document Date:** 3/17/2008
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT ADDITIONAL SITE INVESTIGATION - NORTH CAMPUS BLDG 61
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1380185961/T10000001489.PDF

Document Type: Site Documents **Document Date:** 12/21/2006
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT SITE INVESTIGATION & OFFSITE WELL STATUS UPDATE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2599853456/T10000001489.PDF

Document Type: Site Documents **Document Date:** 4/25/2005
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT CORRECTIVE ACTION OUTFALL 1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6199015319/T10000001489.PDF

Document Type: Site Documents **Document Date:** 11/15/1984
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ROHR INDUSTRIES PLOT PLAN - FACILITIES DEPARTMENT DRAIN MAP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6153115

Document Type: Monitoring Reports **Document Date:** 8/14/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2Q2015 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7690664708/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 12/30/2014
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2013 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1330954015/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 3/10/2011*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2010 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7473367154/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 12/1/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2Q2009 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4358597755/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2008 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1958018004/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 3/6/2007*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2006 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8440362513/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/9/2022
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SECOND ADDENDUM TO THE REVISED DATA GAP INVESTIGATION WORK PLAN, ROHR, INC. - NORTH CAMPUS PARCEL B, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9045933425/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/16/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PERIOD MAY 1, 2022 TO MAY 31, 2022 PROGRESS SUMMARY GROUNDWATER REMEDIATION PARCEL H-3 ROHR, INC. - A COLLINS AEROSPACE COMPANY NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA RWQCB CODE NUMBER: SMC: 20-0283.51: ALOT GLOBAL ID: T10000001489
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4727389693/T10000001489.PDF

Document Type: Site Documents **Document Date:** 4/27/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOIL MANAGEMENT PLAN - PARCEL H3 PROPOSED HOTEL AND CONVENTION CENTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6077465

Document Type: Site Documents **Document Date:** 3/4/2022
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PARCEL H-3 REMEDIAL PROGRESS REPORT - FEBRUARY 2022
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2354709208/T10000001489.PDF

Document Type: Site Documents **Document Date:** 2/25/2022
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED UPDATED SITEWIDE CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9464862287/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/22/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT UTC_BARRIER 3 AND 4_FINAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6376732587/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/21/2021
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PARCEL H-3 INTERIM GROUNDWATER REMEDY REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9327998280/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/8/2021*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5142006635/T10000001489.PDF

Document Type: Site Documents **Document Date:** 7/28/2020
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: SECOND QUARTER 2020 REPORT OF WASTE DISCHARGE
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2692192792/T10000001489.PDF

Document Type: Site Documents **Document Date:** 12/22/2019
Type: CAP/RAP - FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: GROUNDWATER FS/RAP REPORT - INTERIM GROUNDWATER REMEDIATION FOR PARCEL H-3
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6011405

Document Type: Site Documents **Document Date:** 11/6/2019
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 CONCEPTUAL SITE MODEL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6419838

Document Type: Site Documents **Document Date:** 11/5/2021
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DATA GAP INVESTIGATION WORK PLAN, ROHR, INC. - NORTH CAMPUS, PARCEL C, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3377739667/T10000001489.PDF

Document Type: Site Documents **Document Date:** 11/5/2021
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DATA GAP INVESTIGATION WORK PLAN, ROHR, INC. - NORTH CAMPUS, PARCEL B, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4998233258/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/7/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: GROUNDWATER MANAGEMENT PLAN FOR NORTH CAMPUS/PARCEL H-3
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6069936

Document Type: Site Documents **Document Date:** 5/3/2021
Type: CLEAN-UP AND ABATEMENT ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: TENTATIVE CLEANUP AND ABATEMENT ORDER NO. R9-2021-0042
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6467008

Document Type: Site Documents **Document Date:** 2/11/2021*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF INTERIM REMEDY BASELINE AND CONSOLIDATED THIRD QUARTER GROUNDWATER MONITORING AND SAMPLING – 2020 SUBMITTAL ERROR
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9651904523/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/22/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT UTC_WEST SIDE OF NORTH GRID_FINAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3393257856/T10000001489.PDF

Document Type: Site Documents **Document Date:** 11/29/2018
Type: GROUNDWATER MONITORING PLAN **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: FINAL WORK PLAN FOR ADDITIONAL GROUNDWATER INVESTIGATION 11-29-18
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3137377262/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/20/2017
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2017-18 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6323795

Document Type: Site Documents **Document Date:** 7/2/2015
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: RESPONSE TO JUNE 23, 2015 LETTER
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7488351047/T10000001489.PDF

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - FOOT OF H STREET - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6087846

Document Type: Site Documents **Document Date:** 1/3/2013
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CASE FILE TRANSFER NOTIFICATION - VOLUNTARY ASSISTANCE PROGRAM #H02457-013 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=5762090

Document Type: Monitoring Reports **Document Date:** 6/2/2011
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 1Q2011 GROUNDWATER MONITORING AND SAMPLING

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2916638970/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/23/2008*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2Q2008 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8504668474/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 5/25/2007*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 1Q2007 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8509714782/T10000001489.PDF

Document Type: Site Documents **Document Date:** 8/18/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: MONTHLY STATUS REPORT OF CONSTRUCTION GROUNDWATER DEWATERING MONITORING (JULY 8-29, 2022)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6502577

Document Type: Site Documents **Document Date:** 6/20/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOIL MANAGEMENT PLAN FLOW CHARTS - PARCEL H3 PROPOSED HOTEL AND CONVENTION CENTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6077466

Document Type: Site Documents **Document Date:** 4/21/2022
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: NOTICE OF NORTH CAMPUS PROPERTY DEMOLITION, ROHR, INC. - PARCEL B, CHULA VISTA, CA FACILITY, CLEANUP AND ABATEMENT ORDER NO. R9-2021-0042
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4667514204/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/3/2022
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: FOURTH QUARTER 2021 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1958011031/T10000001489.PDF

Document Type: Site Documents **Document Date:** 11/19/2020*
Type: RESPONSE TO COMMENTS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS, SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD LETTER DATED OCTOBER 27, 2020, CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9302391767/T10000001489.PDF

Document Type: Site Documents **Document Date:** 11/1/2020*
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: THIRD QUARTER 2020 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5504756093/T10000001489.PDF

Document Type: Site Documents **Document Date:** 12/9/2019
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CLRRA APPLICATION FOR PARCEL H-3
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6015341

Document Type: Site Documents **Document Date:** 12/22/2021*
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SUMMARY OF CONCRETE OBSERVATIONS FOLLOWING EQUIPMENT DECOMMISSIONING, ROHR, INC. - NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9443164288/T10000001489.PDF

Document Type: Site Documents **Document Date:** 12/10/2021*
Type: CONCEPTUAL SITE MODEL **Submitted:**

Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED UPDATED SITEWIDE CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9371264457/T10000001489.PDF

Document Type: Site Documents **Document Date:** 10/14/2021
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: UPDATED SITEWIDE CONCEPTUAL SITE MODEL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6484448

Document Type: Site Documents **Document Date:** 9/21/2021*
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PERIOD SEPTEMBER 26, 2020 TO SEPTEMBER 3, 2021 PROGRESS SUMMARY GROUNDWATER REMEDIATION PARCEL H-3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4417392313/T10000001489.PDF

Document Type: Site Documents **Document Date:** 8/12/2019
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: BACKGROUND SOIL AND GROUNDWATER REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6001771

Document Type: Site Documents **Document Date:** 8/5/2019
Type: PILOT STUDY/ TREATABILITY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: BENCH-SCALE TREATABILITY STUDY REPORT: EVALUATION OF TCE AND 1,1-DCE REMEDIATION UNDER ANAEROBIC CONDITIONS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6012233

Document Type: Site Documents **Document Date:** 6/24/2019
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2019-20 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6429812

Document Type: Site Documents **Document Date:** 6/7/2019
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: OILER SHED AND NORTH OF MARINA INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7180701136/T10000001489.PDF

Document Type: Site Documents **Document Date:** 12/26/2018
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 DEMOLITION ENVIRONMENTAL OVERSIGHT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6008211

Document Type: Site Documents **Document Date:** 11/27/2018
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: WESTERN BOUNDARY BORING COMPLETION REPORT 11-27-18
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8055157601/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/1/2018
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 GEOTECHNICAL INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6012201

Document Type: Site Documents **Document Date:** 3/6/2017*
Type: OTHER WORKPLAN **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: ADDITIONAL ASSESSMENT WESTERN PROPERTY BOUNDARY AREA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2600290119/T10000001489.PDF

Document Type: Site Documents **Document Date:** 7/8/2015
Type: OTHER REPORT / DOCUMENT **Submitted:**

Submitted By: AECOM (AUTH_RP)
Title: ADDENDUM TO THE JULY 2, 2015 RESPONSE LETTER
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1368437349/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/1/2006
Type: PREPARATION OF AGENDA ITEM **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: STATUS OF SEDIMENT CLEANUP ACTIVITIES AT SOLAR TURBINES & GOODRICH AEROSTRUCTURES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6280170

Document Type: Site Documents **Document Date:** 3/20/1952
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHOTOGRAPHS TAKEN BY SAN DIEGO WATER BOARD STAFF AT AND AROUND THE ROHR FACILITY FOLLOWING SHELLFISH AND BIRD POISONING. - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6161063

Document Type: Monitoring Reports **Document Date:** 1/3/2022
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF INTERIM REMEDY AND CONSOLIDATED FOURTH QUARTER GROUNDWATER MONITORING AND SAMPLING – 2021
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3297061502/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 5/9/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2015 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2135420382/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 1/27/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 1Q2014 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9721849560/T10000001489.PDF

Document Type: Site Documents **Document Date:** 2/1/2016
Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 CONCRETE AND ASPHALT SAMPLING WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6007044

Document Type: Site Documents **Document Date:** 4/1/2014
Type: SITE INVESTIGATION **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6007999

Document Type: Site Documents **Document Date:** 4/13/2022
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: FIRST QUARTER 2022 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7872109174/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT (PART 5 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6078839

Document Type: Site Documents **Document Date:** 4/25/2006
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: MONITORING WELL CONSTRUCTION PERMIT FOR 15 CLUSTERED WELLS.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6089350

Document Type: Site Documents **Document Date:** 7/13/1999
Type: OTHER REPORT / DOCUMENT **Submitted:**

Submitted By: TOM ALO (REGULATOR)
Title: RELOCATION AGREEMENT BY AND AMONG CITY OF CHULA VISTA, REDEVELOPMENT AGENCY OF THE CITY OF CHULA VISTA, SAN DIEGO UNIFIED PORT DISTRICT, AND ROHR, INC.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6046045

Document Type: Site Documents **Document Date:** 5/15/1998
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ACKNOWLEDGEMENT OF COST RECOVERY OBLIGATIONS AND AGREEMENT TO REIMBURSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6135612

Document Type: Site Documents **Document Date:** 10/25/2021
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED SITEWIDE CONCEPTUAL SITE MODEL - RESUBMITTAL EXTENSION REQUEST
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6479695

Document Type: Site Documents **Document Date:** 10/25/2021
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED SITEWIDE CONCEPTUAL SITE MODEL RESUBMITTAL EXTENSION REQUEST, ROHR, INC. - NORTH CAMPUS, CHULA VISTA, CALIFORNIA, GEOTRACKER ID NO. T0000001489
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6121280074/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/15/2021*
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: THIRD QUARTER 2021 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7785251200/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 12/23/2014*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2Q2013 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5642279922/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/25/2013*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2Q_2012_GROUNDWATER MONITORNG REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1277881681/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 11/3/2011*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2011 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8417713940/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/20/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9363073527/T10000001489.PDF

Document Type: Site Documents **Document Date:** 10/27/2020
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: NORTH CAMPUS - CONCEPTUAL SITE MODEL REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6034572

Document Type: Site Documents **Document Date:** 8/26/2020*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT UTC BARRIER 1 FINAL 08-26-20
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9491451561/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/1/2020

Type: INTERIM REMEDIAL ACTION REPORT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 GROUNDWATER REMEDIATION, MONTHLY PROGRESS REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6024149

Document Type: Site Documents ***Document Date:*** 12/22/2019
Type: CAP/RAP - FEASIBILITY STUDY REPORT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: GROUNDWATER FS/RAP REPORT - INTERIM GROUNDWATER REMEDIATION FOR PARCEL H-3 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6011405

Document Type: Monitoring Reports ***Document Date:*** 2/1/2011*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: AECOM (AUTH_RP)
Title: 2Q2010 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4814971864/T10000001489.PDF

Document Type: Monitoring Reports ***Document Date:*** 8/3/2009*
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: AECOM (AUTH_RP)
Title: 1Q2009 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3072782158/T10000001489.PDF

Document Type: Site Documents ***Document Date:*** 12/20/2019
Type: RISK ASSESSMENT REPORT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 HUMAN HEALTH RISK ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6011407

Document Type: Site Documents ***Document Date:*** 11/21/2019
Type: SITE INVESTIGATION ***Submitted:***
Submitted By: AECOM (AUTH_RP)
Title: 2019 ADDITIONAL GROUNDWATER INVESTIGATION REPORT ADDENDUM
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2532991886/T10000001489.PDF

Document Type: Site Documents ***Document Date:*** 10/4/2019
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT UTC CPT ADDL INV
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1839257299/T10000001489.PDF

Document Type: Site Documents ***Document Date:*** 6/27/2019
Type: SOIL AND WATER INVESTIGATION WORKPLAN - ADDENDUM ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: WORK PLAN ADDENDUM - WORK PLAN FOR ADDITIONAL GROUNDWATER INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=5997804

Document Type: Site Documents ***Document Date:*** 2/26/2019
Type: SOIL VAPOR INTRUSION INVESTIGATION REPORT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 LIMITED SOIL GAS INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6007995

Document Type: Site Documents ***Document Date:*** 1/22/2018
Type: CORRESPONDENCE ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: ROHR NORTH CAMPUS FACILITY - TRIANGLE PARCEL - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6019646

Document Type: Site Documents ***Document Date:*** 10/27/2020
Type: CORRESPONDENCE ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: NORTH CAMPUS - CONCEPTUAL SITE MODEL REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6034572

Document Type: Site Documents ***Document Date:*** 5/19/2020*

Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3875832319/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/13/2022
Type: SITE INVESTIGATION **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DATA GAP INVESTIGATION REPORT, ROHR, INC. - NORTH CAMPUS, PARCEL A, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4879031598/T10000001489.PDF

Document Type: Site Documents **Document Date:** 3/11/2020
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 GENERAL WDR ORDER NO. R9-2008-0081 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6019051

Document Type: Site Documents **Document Date:** 5/11/2022
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PERIOD MARCH 26, 2022 TO APRIL 30, 2022 PROGRESS SUMMARY GROUNDWATER REMEDIATION PARCEL H-3 ROHR, INC. - A COLLINS AEROSPACE COMPANY NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA RWQCB CODE NUMBER: SMC: 20-0283.51: ALOT GLOBAL ID: T1000000
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6178820967/T10000001489.PDF

Document Type: Site Documents **Document Date:** 3/15/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED UPDATED SITEWIDE CONCEPTUAL SITE MODEL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6495366

Document Type: Site Documents **Document Date:** 1/11/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED TECHNICAL MEMORANDUM - EQUIPMENT AREA OBSERVATIONS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6484445

Document Type: Site Documents **Document Date:** 7/22/2019
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY CPT BORING COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9224585175/T10000001489.PDF

Document Type: Site Documents **Document Date:** 10/31/2018
Type: LETTER - NOTICE **Submitted:**
Submitted By: STEVE TEEL (REGULATOR)
Title: STATE BOARD INVOICING DELAY FISCAL YEAR 2018-19 LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6374558

Document Type: Site Documents **Document Date:** 1/11/2018*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PHASE II ENVIRONMENTAL SITE ASSESSMENT, PROJECT SPRINGSTEEN, PARCEL B, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6737732172/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/2/2021*
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CLEANUP AND ABATEMENT ORDER NO. R9-2021-0042, NOTICE OF CHANGE OF OWNER, ROHR, INC., CHULA VISTA, CA FACILITY
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7678042769/T10000001489.PDF

Document Type: Site Documents **Document Date:** 7/16/2021
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: SECOND QUARTER 2021 REPORT OF WASTE DISCHARGE (ROWD)

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8374459028/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/24/2021
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2021-22 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6469775

Document Type: Site Documents **Document Date:** 1/22/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT UTC_EAST SIDE OF SOUTH GRID_FINAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8918556928/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/20/2017*
Type: GROUNDWATER MONITORING PLAN **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REVISED GROUNDWATER MONITORING PROGRAM MODIFICATIONS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4648269891/T10000001489.PDF

Document Type: Site Documents **Document Date:** 2/1/2016
Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 CONCRETE AND ASPHALT SAMPLING WORK PLAN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6007044

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT (PART 3 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6078835

Document Type: Site Documents **Document Date:** 1/23/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: AERIAL PHOTOGRAPHS FROM 1939 - 1998 FROM THE CONCEPTUAL PLAN FOR THE THE CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT (PART 2 OF 5). - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6078833

Document Type: Site Documents **Document Date:** 4/2/1998
Type: CLEAN-UP AND ABATEMENT ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CLEANUP AND ABATEMENT ORDER NO. 98-08
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6086143

Document Type: Monitoring Reports **Document Date:** 11/21/2019
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF ANNUAL GROUNDWATER MONITORING AND SAMPLING 2019
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9350515961/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/28/2017*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2016 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5718618810/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/3/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 2Q2014 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8450231969/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 12/19/2014*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 1Q2013 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4822243869/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 5/30/2008*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2007 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7371668517/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/14/2011*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2010 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8467701733/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 12/15/2010*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2009 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8742934465/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/16/2010*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2009 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3868403136/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 3/28/2008*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 3Q2007 GROUNDWATER MONITORING AND SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6534382641/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/8/1968
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BLDG AND TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM COLLECTED 11/30/1967 - BLDG/TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM 1967
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5557631552/1968%20Cr%20Co%20Report%2Epdf

Document Type: Site Documents **Document Date:** 1/22/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2670008778/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/25/2020
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2020-21 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6469167

Document Type: Site Documents **Document Date:** 3/11/2020
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 GENERAL WDR ORDER NO. R9-2008-0081
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6019051

Document Type: Site Documents **Document Date:** 12/9/2019
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CLRRA APPLICATION FOR PARCEL H-3 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6015341

Document Type: Site Documents **Document Date:** 9/8/2022
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL B - DEMOLITION AND SOIL ENVIRONMENTAL MONITORING PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6079550

Document Type: Site Documents **Document Date:** 6/27/2019
Type: SOIL AND WATER INVESTIGATION WORKPLAN - ADDENDUM **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: WORK PLAN ADDENDUM - WORK PLAN FOR ADDITIONAL GROUNDWATER INVESTIGATION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=5997804

Document Type: Site Documents **Document Date:** 10/3/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: WORK PLAN FOR ADDITIONAL GROUNDWATER INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6371611

Document Type: Site Documents **Document Date:** 7/13/2022
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: ADDENDUM TO THE REVISED DATA GAP INVESTIGATION WORK PLAN, ROHR, INC. - NORTH CAMPUS, PARCEL B, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1330508232/T10000001489.PDF

Document Type: Site Documents **Document Date:** 3/15/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED DATA GAP INVESTIGATION WORK PLAN FOR PARCEL B
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6495365

Document Type: Site Documents **Document Date:** 6/28/2017
Type: OTHER WORKPLAN **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REVISED ADD'L ASSESSMENT WESTERN PROPERTY BOUNDARY AREA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5201440632/T10000001489.PDF

Document Type: Site Documents **Document Date:** 2/10/2016
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: DATA GAP ASSESSMENT REPORT 02-10-16
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1474455416/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/30/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FORENSIC CHEMISTRY EVALUATION OF ENVIRONMENTAL DATA FROM THE FORMER GOODRICH SOUTH CAMPUS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6272988

Document Type: Site Documents **Document Date:** 6/23/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: WORK PLAN FOR DATA GAP ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6249961

Document Type: Site Documents **Document Date:** 5/29/2015
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: WORK PLAN FOR DATA GAP ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4531401216/T10000001489.PDF

Document Type: Site Documents **Document Date:** 4/7/2015
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 LIMITED SOIL AND GROUNDWATER INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6006976

Document Type: Site Documents **Document Date:** 3/1/2014

Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: SOURCE IDENTIFICATION OF PCB IMPACTS IN H STREET - BODHI GROUP REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6110922

Document Type: Site Documents **Document Date:** 7/1/2012
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2012-13 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6140594

Document Type: Site Documents **Document Date:** 7/12/2021
Type: CLEAN-UP AND ABATEMENT ORDER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CLEANUP AND ABATEMENT ORDER NO. R9-2021-0042
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6471285

Document Type: Site Documents **Document Date:** 1/29/2021
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: FOURTH QUARTER 2020 REPORT OF WASTE DISCHARGE (ROWD)
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4971993207/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/21/2007
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT VAT REMOVAL & SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7942692577/T10000001489.PDF

Document Type: Site Documents **Document Date:** 1/1/1952
Type: SENSITIVE RECEPTOR SURVEY REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: EXCERPT FROM EXTENT, EFFECTS AND LIMITATIONS OF WASTE DISPOSAL INTO SAN DIEGO BAY REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6186465

Document Type: Monitoring Reports **Document Date:** 5/11/2021*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF INTERIM REMEDY AND CONSOLIDATED FIRST QUARTER GROUNDWATER MONITORING AND SAMPLING - 2021
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1393619000/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 3/8/2019*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF ANNUAL GROUNDWATER MONITORING AND SAMPLING 2018
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9897427499/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/27/2012*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2011 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6076202332/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 2/27/2012*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 4Q2011 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9396458446/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/10/2015
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: MEMORANDUM OF FIELD INVESTIGATION - DATA GAP ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8915090978/T10000001489.PDF

Document Type: Site Documents **Document Date:** 2/27/2009
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT ADDITIONAL CORRECTIVE ACTION SLIP LINING OUTFALL NO. 1 SWCS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2474197328/T10000001489.PDF

Document Type: Site Documents **Document Date:** 10/25/1999
Type: SITE INVESTIGATION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHASE I AND PHASE II SITE INVESTIGATION (SECOR 1999)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6104448

Document Type: Site Documents **Document Date:** 6/4/1998
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ASTM PHASE I - SITE ASSESSMENT (ADRIANBROWN)
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6104436

Document Type: Site Documents **Document Date:** 8/6/1993
Type: RESPOND TO PETITION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6168174

Document Type: Site Documents **Document Date:** 12/15/1952
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PROPOSED WASTE DISPOSAL PROGRAM FOR ROHR AIRCRAFT CORPORATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6272362

Document Type: Monitoring Reports **Document Date:** 9/23/2021*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: REPORT OF INTERIM REMEDY AND CONSOLIDATED THIRD QUARTER GROUNDWATER MONITORING AND SAMPLING - 2021
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7656161844/T10000001489.PDF

Document Type: Monitoring Reports **Document Date:** 7/7/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 1Q2016 GROUNDWATER MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7563635289/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/14/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL B - SECOND ADDENDUM TO REVISED DATA GAP INVESTIGATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6505310

Document Type: Site Documents **Document Date:** 8/17/2022
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PERIOD JULY 1, 2022 TO JULY 31, 2022 PROGRESS SUMMARY GROUNDWATER REMEDIATION PARCEL H-3 ROHR, INC. - A COLLINS AEROSPACE COMPANY NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA RWQCB CODE NUMBER: SMC: 20-0283.51: ALOT GLOBAL ID: T1000000148
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9511889994/T10000001489.PDF

Document Type: Site Documents **Document Date:** 6/17/2022
Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED H-3 PARCEL CONSTRUCTION DEWATERING MONITORING AND ENVIRONMENTAL MITIGATION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6077409

Document Type: Site Documents **Document Date:** 1/22/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)

Title: 60-DAY BORING COMPLETION REPORT UTC_WEST SIDE OF SOUTH GRID_FINAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4330813825/T10000001489.PDF

Document Type: Site Documents **Document Date:** 12/20/2019
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 HUMAN HEALTH RISK ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6011407

Document Type: Site Documents **Document Date:** 11/22/2019
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL H-3 WORK PLAN FOR DATA GAP SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6009486

Document Type: Site Documents **Document Date:** 11/1/2021
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: PERIOD SEPTEMBER 4 TO OCTOBER 31, 2021 PROGRESS SUMMARY GROUNDWATER REMEDIATION PARCEL H-3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4717868387/T10000001489.PDF

Document Type: Site Documents **Document Date:** 9/2/2021
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: NOTICE OF CHANGE OF OWNER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6057402

Document Type: Site Documents **Document Date:** 1/22/2021
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: 60-DAY BORING COMPLETION REPORT UTC_BARRIER 2_FINAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9979159772/T10000001489.PDF

Document Type: Site Documents **Document Date:** 11/1/2019
Type: FEASIBILITY STUDY REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: NORTH CAMPUS/PARCEL H-3 ALTERNATIVE CLEANUP LEVELS REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6008517

Document Type: Site Documents **Document Date:** 9/13/2019
Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED WORK PLAN FOR PFAS SAMPLING - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6004158

Document Type: Site Documents **Document Date:** 8/26/2019
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: 2019 ADDITIONAL GROUNDWATER INVESTIGATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&document_id=6007021

Document Type: Site Documents **Document Date:** 4/17/2019
Type: SITE INVESTIGATION **Submitted:**
Submitted By: AECOM (AUTH_RP)
Title: WESTERN PROPERTY BOUNDARY INVESTIGATION REPORT 4-17-19
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1157461762/T10000001489.PDF

Document Type: Site Documents **Document Date:** 3/30/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PRELIMINARY SCHEDULE FOR ADDITIONAL ASSESSMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000001489&enforcement_id=6353261

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-67 (UT-67)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7032555758/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-7 (SB-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8497357308/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-014B (NCW-014B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9871252894/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-092)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5653145551/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-100)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7173336327/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-101)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6627065837/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-106A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8480265736/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-115)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6545355021/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B5-SDG&E OMPPA (B5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8388462841/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B15-SDG&E OMPPA (B15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8190596818/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B16-SDG&E OMPPA (B16)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1331659972/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B20-SDG&E OMPPA (B20)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4427092790/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B21-SDG&E OMPPA (B21)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6781849682/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-10 (VAT-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4655774712/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-11 (VAT-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6657486915/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-020 (NCW-020)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2615799188/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-012)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6215159535/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (PB-034)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2668709516/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-150)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1142845869/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-17 AMENDED (NCW-017)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5187808573/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-008S (H3RTW-008S)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2563083052/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-144)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8222636342/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-009B (NCW-009B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7844939470/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-010 (NCW-010)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7792404115/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-04 (UT-04)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3248747408/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-08 (UT-08)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4230383336/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-31 (UT-31)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2364448308/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-046)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6682802677/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-057)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6988396406/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B6-SDG&E OMPPA (B6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4202010393/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B18-SDG&E OMPPA (B18)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3968928039/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW001A (NCW-001A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2418546319/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW002C (NCW-002C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6756331682/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-05 (VAT-05)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9995957374/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-15 (VAT-15)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2932706475/T10000001489.PDF

Submitted: 3/2/2012 **Submitted By:** AECOM (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4734497010/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-064)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2767275333/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-066)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5046837568/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-067)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6793758690/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-074)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1652674794/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-079)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8063534677/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-085)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5884819746/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-010 (H3RTW-010)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9476230025/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-019 (NCW-019)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2685204565/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-021)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8859075725/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-025)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8035763084/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-027)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4893810570/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-033)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1707194447/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-039)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6067842960/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-40 (UT-40)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3143027603/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-47 (UT-47)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2062368810/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-53 (UT-53)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1267233312/T10000001489.PDF

Submitted: 6/3/2015 **Submitted By:** AECOM (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9806772589/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-015A (NCW-015A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1765184879/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-102)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7337307274/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-113)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1557268619/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-114)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6963053822/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-125)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3674053490/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-126)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6696392357/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-132)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5470480144/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-138)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7810585737/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-143)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5166683495/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-007S (H3RTW-007S)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8250381112/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-008B (NCW-008B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8390973925/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-008C (NCW-008C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7591347873/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-03 (UT-03)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8625875890/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-15 (UT-15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4436655402/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-22 (UT-22)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2821265518/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-32 (UT-32)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8857138097/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-045)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2326073408/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-050)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3866557240/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-051)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2114311933/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-054)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9884924113/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-075)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2584864735/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-077)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5032692670/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-083)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2713066816/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-087)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9040624797/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B17-SDG&E OMPPA (B17)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7537709057/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-09 (VAT-09)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7484974682/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-13 (VAT-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9662902116/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-6 (PRB-B1-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7225543379/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-9 (PRB-B1-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4895022392/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-018)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7457195580/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-030)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1854226171/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-032)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7613064110/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-035)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1773196637/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (PB-040)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3863979637/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-35 (UT-35)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4319921910/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-37 (UT-37)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3661994278/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-43 (UT-43)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8129980504/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-52 (UT-52)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2067466080/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-4 (SB-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3135754525/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-8 (SB-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8467749476/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-107)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8303442180/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-119)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1273266136/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-122)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7408221662/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-130)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2761744618/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-16 AMENDED (NCW-016)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8765022993/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-009 (H3RTW-009)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8703296244/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-129)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5062338054/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-006C (NCW-006C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4984239101/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-05 (UT-05)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9093909561/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-06 (UT-06)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5871421575/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-12 (UT-12)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1102943181/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-17 (UT-17)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6144289135/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-21 (UT-21)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6302816808/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-048)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6954027652/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-063)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3306972801/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-071)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9332482397/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-076)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4765276432/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-082)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2299526512/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-3 (PRB-B1-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9958758354/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-8 (PRB-B1-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2792285323/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-58 (UT-58)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8359687566/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-59 (UT-59)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8715967535/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-63 (UT-63)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1328749239/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B8-SDG&E OMPPA (B8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1703007519/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW003B (NCW-003B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3403745293/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW004B (NCW-004B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1937977612/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW005A (NCW-005A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2273060619/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW005C (NCW-005C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9802677929/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-018 (NCW-018)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2341360926/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-001)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9287972211/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-008)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4966151356/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-019)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5013286888/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-024)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4096308827/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-037)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7541483998/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-131)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6606859683/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-135)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9798244774/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-147)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7338680565/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-149)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6830668568/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-006S (H3RTW-006S)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3783557355/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-007D (H3RTW-007D)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8851611673/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-008D (H3RTW-008D)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3969775617/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-007A (NCW-007A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6071622729/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-007B (NCW-007B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9027619838/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-008A (NCW-008A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2208543300/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-11 (UT-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4772283971/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-18 (UT-18)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6393995821/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-19 (UT-19)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4557505011/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-26 (UT-26)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6380225896/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-34 (UT-34)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5627250432/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-047)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6152569115/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-049)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7987011253/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-056)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1889979481/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-070)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5950473248/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-084)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9078692853/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-086)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7689936757/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-1 (PRB-B1-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2707573652/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-5 (PRB-B1-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6508913993/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-42 (UT-42)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3382941544/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-54 (UT-54)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7508247137/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-016 (NCW-016)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8348822474/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-098)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7385235130/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-108)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2436211347/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (PB-116)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7453100383/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-118)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5853740990/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-120)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5617834270/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-123)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8079951405/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-111)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5983574926/T10000001489.PDF

Submitted: 3/11/2019 **Submitted By:** JOHN P. ANDERSON (REGULATOR)
Title: ROHR NORTH CAMPUS (KMZ)
Link: https://geotracker.waterboards.ca.gov/regulators/map_coverages/5131238639/BFGoodrichROHR_North_Campus_Property.kmz

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-013)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3532055199/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-014)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3193734228/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-020)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4665749311/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-043)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7679256737/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-148)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5634806752/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-14B AMENDED (NCW-014B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6149525344/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-15A AMENDED (NCW-015A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4293246269/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-020 AMENDED (NCW-020)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6344048261/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-002 (H3RTW-002)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5921740889/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-003D (H3RTW-003D)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3845829665/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-005D (H3RTW-005D)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6259800612/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)

Title: NCW-009A (NCW-009A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9610719203/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-013A (NCW-013A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9363538622/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-01 (UT-01)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8086172521/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-13 (UT-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3846366643/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-14 (UT-14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4926520645/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-053)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5759807884/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-060)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6713753759/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-061)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1277301251/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-062)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4124825537/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-072)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4506859540/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-080)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4379537761/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-012 (H3RTW-012)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7391848921/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-013 (H3RTW-013)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7196247756/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PMW-124UB (PMW-124UB)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8898379743/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-2 (PRB-B1-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6905449628/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-4 (PRB-B1-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7240741312/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-41 (UT-41)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6001516759/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-44 (UT-44)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7421636998/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-49 (UT-49)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4373023748/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-50 (UT-50)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5982932806/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-56 (UT-56)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2468588292/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-57 (UT-57)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8094087719/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-64 (UT-64)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5196497321/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-66 (UT-66)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4475196599/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-2 (SB-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7483300983/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-3 (SB-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8788769662/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-090)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3490824818/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-095)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9776821434/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-099)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3591518700/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-103)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8538524925/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-109)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6438403546/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B3-SDG&E OMPPA (B3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3046099007/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B10-SDG&E OMPPA (B10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1745981872/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW001C (NCW-001C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7603215038/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW004C (NCW-004C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5945569634/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW003A (NCW-003A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4799941301/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B4-SDG&E OMPPA (B4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7801712989/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B7-SDG&E OMPPA (B7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6219065368/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-06 (VAT-06)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8523182690/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-08 (VAT-08)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2135239601/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-017 (NCW-017)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1357809901/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-009)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8746071577/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-010)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1940241932/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-036)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5645000755/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-041)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2212227582/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-042)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1061916649/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-142)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7682964622/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-146)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8397625267/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-001S (H3RTW-001S)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2340289115/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-003S (H3RTW-003S)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2074694633/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-006D (H3RTW-006D)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8717166483/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-02 (UT-02)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6760413467/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-20 (UT-20)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2614019811/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-23 (UT-23)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4300437271/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-052)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2042763471/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-055)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1806932926/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-058)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4190710246/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-059)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8666621327/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-078)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3172140300/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-39 (UT-39)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3166450262/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-48 (UT-48)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2226586520/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-55 (UT-55)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9908529698/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-1 (SB-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8013052821/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-5 (SB-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8766366779/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-089)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1410563588/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-106)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8705559492/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-107A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4318813621/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-108A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1908300578/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-110)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6103817284/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (PB-121)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8405752360/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-124)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9914071142/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-145)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6280464887/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-18 AMENDED (NCW-018)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8481372416/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-001D (H3RTW-001D)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1497134566/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-004D (H3RTW-004D)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8370212018/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-006B (NCW-006B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5197236537/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-009C (NCW-009C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5378098964/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-013B (NCW-013B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3791292309/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-10 (UT-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9936601161/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-25 (UT-25)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6698049962/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-044)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2996471703/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-081)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8394741356/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-014A (NCW-014A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6547854840/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: PRB-B1-7 (PRB-B1-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6949817121/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-60 (UT-60)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9596880078/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-62 (UT-62)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3240668594/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-65 (UT-65)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6661887884/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-9 (SB-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1374838709/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-015B (NCW-015B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5118704676/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-088)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1156092762/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-093)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3585307240/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-094)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4159754872/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-104)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7704081654/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-105)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3562235951/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-112)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6588631391/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-127)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5214516401/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B1-SDG&E OMPPA (B1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9525085389/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B2-SDG&E OMPPA (B2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6728968322/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B13-SDG&E OMPPA (B13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5662397027/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B14-SDG&E OMPPA (B14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3733230531/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW005B (NCW-005B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4212559521/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-14 (VAT-14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3407389342/T10000001489.PDF

Submitted: 3/11/2019 **Submitted By:** JOHN P. ANDERSON (REGULATOR)
Title: PARCEL B - NORTH CAMPUS (KMZ)
Link: https://geotracker.waterboards.ca.gov/regulators/map_coverages/8331144034/Parcel_B___North_Campus.kmz

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-002)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4625511884/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-016)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4781855702/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-022)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5285990834/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-026)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5228037953/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-133)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1510127186/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-134)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4187258243/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-19 AMENDED (NCW-019)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2713962137/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-004S (H3RTW-004S)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1296587944/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-005S (H3RTW-005S)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2623263776/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-007C (NCW-007C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7044742643/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-011 (NCW-011)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7978992521/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-012 (NCW-012)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1085615038/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-013C (NCW-013C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4054795742/T10000001489.PDF

Submitted: 1/19/2015 **Submitted By:** AECOM (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5465081393/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-07 (UT-07)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7937049210/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-09 (UT-09)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5255949556/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-24 (UT-24)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4999513745/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-33 (UT-33)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2177587926/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-065)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2578029930/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-069)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5701500952/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-073)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9815960228/T10000001489.PDF

Submitted: 5/5/2022 **Submitted By:** AECOM (AUTH_RP)
Title: H3RTW-011 (H3RTW-011)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4282535135/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-36 (UT-36)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6818079352/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-38 (UT-38)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1585291266/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-45 (UT-45)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3984976232/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-46 (UT-46)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5939004123/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-51 (UT-51)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3905967473/T10000001489.PDF

Submitted: 12/5/2018 **Submitted By:** AECOM (AUTH_RP)
Title: SB-6 (SB-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4520031869/T10000001489.PDF

Submitted: 5/6/2015 **Submitted By:** AECOM (AUTH_RP)
Title: UT-61 (UT-61)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4955222427/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-096)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5231967389/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-117)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3003169178/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-128)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5361690819/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B9-SDG&E OMPPA (B9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3546292901/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B11-SDG&E OMPPA (B11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6671661317/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: B12-SDG&E OMPPA (B12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7707198381/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)

Title: B19-SDG&E OMPPA (B19)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2160812318/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW001B (NCW-001B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4873169898/T10000001489.PDF

Submitted: 12/5/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW002A (NCW-002A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5350830018/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW002B (NCW-002B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5620648980/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW004A (NCW-004A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8408704400/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-04 (VAT-04)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3090168774/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: VAT-12 (VAT-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9222874462/T10000001489.PDF

Submitted: 4/23/2013 **Submitted By:** AECOM (AUTH_RP)
Title: NCW-006A (NCW-006A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6274993181/T10000001489.PDF

Submitted: 12/8/2011 **Submitted By:** AECOM (AUTH_RP)
Title: NCW003C (NCW-003C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2603539884/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-007)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5835476219/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-011)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4678203880/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-015)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7859594523/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-017)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8626658558/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-028)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5321147084/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-031)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3255199730/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-038)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8549204945/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-136)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5384270727/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-137)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6726885318/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-139)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8260021507/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-140)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8282870709/T10000001489.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (PB-141)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4424969017/T10000001489.PDF

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Case Begin Date
Date: 8/12/2009

Status: Open - Assessment & Interim Remedial Action
Date: 3/13/2020

Status: Open - Assessment & Interim Remedial Action
Date: 8/12/2009

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description: Salt Bath C70
Identifier: T0607301766
Project Name: GOODRICH AEROSTRUCTURES - NORTH CAMPUS - SALT BATH C70
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301766
Address: 850 Lagoon Drive
City: CHULA VISTA
Status: COMPLETED - CASE CLOSED

Association: Related Global ID
Description: Tank 34, Bldg 1
Identifier: T0608187932
Project Name: GOODRICH AEROSTRUCTURES - NORTH CAMPUS - TANK 34, BLDG 1
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608187932
Address: 850 Lagoon Drive
City: CHULA VISTA
Status: COMPLETED - CASE CLOSED

Association: Related Global ID
Description: South Campus
Identifier: SL209294204
Project Name: GOODRICH AEROSTRUCTURES - SOUTH CAMPUS
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL209294204
Address: 850 LAGOON DRIVE
City: CHULA VISTA
Status: OPEN - REMEDIATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	12 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INDUSTRIES INC 850 LAGOON DRIVE CHULA VISTA CA 91910	LUST

Global ID: T0607301464
Status Date: 6/12/1998
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6073012600
Match Key: T0607301464
County: SAN DIEGO
Latitude: 32.6271683515917
Longitude: -117.101222276688

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	SAN DIEGO COUNTY LOP
Case Worker:	
Local Agency:	
RB Case No:	9UT2711 2092900
Local Case No:	H02457-009
File Location:	Local Agency
Potential COC:	Waste Oil / Motor / Hydraulic / Lubricating
Potential Media of Concern:	Aquifer used for drinking water supply
Begin Date:	6/24/1993
How Discovered:	
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Map Move
Discharge Cause:	
Discharge Source:	
EPA Region:	9
Leak Reported Dt:	1993-07-13 00:00:00
Military DoD Site:	No
No Further Action Dt:	1998-06-12 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	80-85%
Site History:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Case Begin Date
Status Date:	6/24/1993
Status:	Completed - Case Closed
Status Date:	6/12/1998

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	ROHR INDUSTRIES INC
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	850 LAGOON DRIVE
City:	CHULA VISTA
Zip:	91910
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301464
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 6/12/1998
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607301464&tabname=regulatoryhistory
Potential COC:	WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO COUNTY LOP (LEAD) - CASE #: H02457-009 SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT2711 2092900
CUF Claim:	

CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Case Begin Date
Date : 6/24/1993

Status: Completed - Case Closed
Date : 6/12/1998

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 6/8/1998
Received Issue Date: 6/8/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301464&enforcement_id=6378694&temptable=ENFORCEMENT
Title Description Comments:

H02457-009 Closure Documents

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR) - #H02457-009
Action Date: 4/27/1998
Received Issue Date: 4/27/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301464&enforcement_id=6083530&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Summary

Action Type: Leak Action
Action: Leak Reported
Action Date: 7/13/1993
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 6/24/1993
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 6/24/1993
Received Issue Date:

Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 6/24/1993
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents
Document Date: 6/8/1998
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H02457-009 CLOSURE DOCUMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301464&enforcement_id=6378694

Document Type: Site Documents
Document Date: 4/27/1998
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR)
Submitted:
Submitted By: KATHY L. DENK (REGULATOR)
Title: CASE CLOSURE SUMMARY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301464&enforcement_id=6083530

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18 | **13 of 29** | **WNW** | **0.11 / 585.90** | **21.02 / 3** | **ROHR INDUSTRIES INC**
850 LAGOON DRIVE
CHULA VISTA CA 91910 | **LUST**

Global ID: T0607300932
Census Tract: 6073012600
Status Date: 1/23/1992
Match Key: T0607300932
Case Type: LUST CLEANUP SITE
County: SAN DIEGO
Oil Field:
Latitude: 32.6268702313552
Oil Field Operator:
Longitude: -117.099232173663
Status: COMPLETED - CASE CLOSED

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker:
Local Agency:
RB Case No: 9UT2162 2092900
Local Case No: H02457-003
File Location: Local Agency
Potential COC: Diesel
Potential Media of Concern: Soil
Begin Date: 10/20/1987
How Discovered:
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1987-10-20 00:00:00
Military DoD Site: No
No Further Action Dt: 1992-01-23 00:00:00

Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 10/20/1987

Status: Completed - Case Closed
Status Date: 1/23/1992

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: ROHR INDUSTRIES INC
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 850 LAGOON DRIVE
City: CHULA VISTA
Zip: 91910
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607300932
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/23/1992
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607300932&tabname=regulatoryhistory
Potential COC: DIESEL
Potential Media of Concern: SOIL
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H02457-003
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT2162 2092900
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 1/23/1992

Status: Open - Case Begin Date
Date : 10/20/1987

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Notices
Action: Notice of Responsibility
Action Date: 10/27/1987
Received Issue Date: 10/27/1987
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 10/20/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 10/20/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 10/20/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 10/20/1987
Received Issue Date:
Doc Link:
Title Description Comments:

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18 | ***14 of 29*** | ***WNW*** | ***0.11 / 585.90*** | ***21.02 / 3*** | ***ROHR INDUSTRIES INC***
850 LAGOON DRIVE
CHULA VISTA CA 91910 | ***LUST***

Global ID: T0607302732
Status Date: 8/2/2002
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6073012600
Match Key: T0607302732
County: SAN DIEGO
Latitude: 32.6309853051255
Longitude: -117.102119475603

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker:
Local Agency:
RB Case No: 9UT420 2092900
Local Case No: H02457-002
File Location: Local Agency
Potential COC: Gasoline
Potential Media of Concern: Other Groundwater (uses other than drinking water)
Begin Date: 8/5/1987
How Discovered:
How Discovered Description:

Stop Method:
Stop Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1987-08-13 00:00:00
Military DoD Site: No
No Further Action Dt: 2002-08-02 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 8/2/2002

Status: Open - Case Begin Date
Status Date: 8/5/1987

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: ROHR INDUSTRIES INC
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 850 LAGOON DRIVE
City: CHULA VISTA
Zip: 91910
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302732
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 8/2/2002
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607302732&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H02457-002
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT420 2092900
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 8/2/2002

Status: Open - Case Begin Date
Date : 8/5/1987

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 8/2/2002
Received Issue Date: 8/2/2002
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302732&enforcement_id=6381526&temptable=ENFORCEMENT
Title Description Comments:

H02457-002 Closure Documents

Action Type: Notices
Action: Notice of Responsibility
Action Date: 8/13/1987
Received Issue Date: 8/13/1987
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Reported
Action Date: 8/13/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 8/13/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 8/5/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 8/5/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents **Document Date:** 8/2/2002
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H02457-002 CLOSURE DOCUMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302732&enforcement_id=6381526

Document Type: Site Documents **Document Date:** 4/7/2003
Type: **Submitted:**
Submitted By: KATHY L. DENK (REGULATOR)
Title: SITE CLOSURE DOCUMENT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/site_documents/2822599112/H02457%2D002%2Epdf

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18	15 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS - SALT BATH C70 850 Lagoon Drive CHULA VISTA CA 91910-2098	LUST

Global ID: T0607301766 **Census Tract:**
Status Date: 5/8/2019 **Match Key:**
Case Type: LUST Cleanup Site **County:** San Diego
Oil Field: **Latitude:** 32.6305567093394
Oil Field Operator: **Longitude:** -117.099537849426
Status: Completed - Case Closed

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Worker: TCA
Local Agency:
RB Case No: 9UT2999 2092900
Local Case No:
File Location: Local Agency
Potential COC: 1,1,1-Trichloroethane (TCA), Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Vinyl chloride, Polychlorinated biphenyls (PCBs), Chromium VI, Lead, Zinc, Gasoline, Total Petroleum Hydrocarbons (TPH)
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 7/13/1992
How Discovered:
How Discovered Description:
Stop Method: Close and Remove Tank
Stop Description: CLOSE AND REMOVE TANK **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
CalEnvScreen Score:
Coordinate Source: Google Map Move
Discharge Cause: Other
Discharge Source: Tank
EPA Region: 9
Leak Reported Dt: 1992-07-13 00:00:00
Military DoD Site: No
No Further Action Dt: 2019-05-08 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
Site History:

BF Goodrich Aerospace engages in the design and manufacture of technical equipment and technology used to build aircraft. The company provides various aerospace components, systems and services, such as fuel measurement, management, health monitoring, and diagnostic systems to the aerospace industry through a network of manufacturing, engineering and assembly plants, as well as service centers, including the airframe maintenance. It also supplies components, systems, and services to the aerospace industry. Administratively closed May 8, 2019. Salt Bath C70 is part

of the larger cleanup and remediation efforts and will be addressed as part of Geotracker Site ID T10000001489 - GOODRICH AEROSTRUCTURES - NORTH CAMPUS.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	TOM ALO
Organization Name:	SAN DIEGO RWQCB (REGION 9)
Address:	2375 NORTHSIDE DRIVE, SUITE 100
City:	SAN DIEGO
Email:	tom.alo@waterboards.ca.gov
Phone No:	6195213375

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Site Assessment
Status Date:	7/23/1992
Status:	Completed - Case Closed
Status Date:	5/8/2019
Status:	Open - Case Begin Date
Status Date:	7/13/1992

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	GOODRICH AEROSTRUCTURES / ROHR - GOODRICH AEROSTRUCTURES - NORTH CAMPUS - SALT BATH C70
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	850 LAGOON DRIVE
City:	CHULA VISTA
Zip:	91910-2098
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301766
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 5/8/2019
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607301766&tabname=regulatoryhistory
Potential COC:	1,1,1-TRICHLOROETHANE (TCA), CHROMIUM VI, GASOLINE, LEAD, OTHER CHLORINATED HYDROCARBONS, POLYCHLORINATED BIPHENYLS (PCBS), TETRACHLOROETHYLENE (PCE), TOTAL PETROLEUM HYDROCARBONS (TPH), TRICHLOROETHYLENE (TCE), VINYL CHLORIDE, ZINC
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT2999 2092900 CASEWORKER: TOM ALO SAN DIEGO COUNTY LOP - CASE #: H02457-006
CUF Claim:	
CUF Priority Assig:	
CUF Amount Paid:	
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Gndwater Monitoring Freque:	
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:	

BF Goodrich Aerospace engages in the design and manufacture of technical equipment and technology used to build aircraft. The company provides various aerospace components, systems and services, such as fuel measurement, management, health monitoring, and diagnostic systems to the aerospace industry through a network of manufacturing, engineering and assembly plants, as well as service centers, including the airframe maintenance. It also supplies components, systems, and services to the aerospace industry.

Administratively closed May 8, 2019. Salt Bath C70 is part of the larger cleanup and remediation efforts and will be addressed as part of Geotracker Site ID T10000001489 - GOODRICH AEROSTRUCTURES - NORTH CAMPUS.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Site Assessment
Date : 7/23/1992

Status: Open - Case Begin Date
Date : 7/13/1992

Status: Completed - Case Closed
Date : 5/8/2019

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Notices
Action: Notice of Responsibility
Action Date: 7/23/1992
Received Issue Date: 7/23/1992
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 7/13/1992
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 7/13/1992
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 7/13/1992
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 7/13/1992
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/13/1984

Received Issue Date: 11/15/1984
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6153116
Title Description Comments:

ROHR Industries Plot Plan - Facilities Department Drain Map

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 2/8/1968
Received Issue Date: 2/8/1968
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6153123
Title Description Comments:

Bldg and Tank Sampling Results for Copper and Chromium Collected 11/30/1967

Action Type: Response Requested - Reports
Action: Operation and Maintenance Plan/Monitoring Report
Action Date: 3/1/1966
Received Issue Date: 3/1/1966
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6153109
Title Description Comments:

Process Rinse Water - A report on the process rinse waters and other wastes for the Water Quality Control Board

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/15/1952
Received Issue Date: 12/15/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&enforcement_id=6272363&temptable=ENFORCEMENT
Title Description Comments:

Proposed Waste Disposal Program for ROHR Aircraft Corporation

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/20/1952
Received Issue Date: 3/20/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6161064
Title Description Comments:

Photographs taken by San Diego Water Board staff at and around the ROHR facility following shellfish and bird poisoning.

Action Type: Response Requested - Reports
Action: Sensitive Receptor Survey Report - Regulator Responded
Action Date: 1/1/1952
Received Issue Date: 1/1/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6186466
Title Description Comments:

Excerpt from Extent, Effects and Limitations of Waste Disposal into San Diego Bay Report

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/11/2015
Received Issue Date: 2/11/2015
Doc Link:
Title Description Comments:

This case is being handled under Site Cleanup Program Order No. R9-2014-0019

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013

Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6087848
Title Description Comments:

Former Rohr UST Location Map - Foot of H Street

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2013
Received Issue Date: 3/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6087841
Title Description Comments:

Former Rohr UST Location Map - North Campus

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 1/22/2013
Received Issue Date: 1/22/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&enforcement_id=6147632&temptable=ENFORCEMENT
Title Description Comments:

Referral to RWQCB

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/7/2011
Received Issue Date: 4/7/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&enforcement_id=6088118&temptable=ENFORCEMENT
Title Description Comments:

Staff Letter

Action Type: Notices
Action: Letter - Notice
Action Date: 11/30/2009
Received Issue Date: 11/30/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&enforcement_id=6047298&temptable=ENFORCEMENT
Title Description Comments:

GeoTracker Notification Letter

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 10/25/1999
Received Issue Date: 10/25/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6104446
Title Description Comments:

Phase I and Phase II Site Investigation (SECOR 1999)

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: 6/4/1998
Received Issue Date: 6/4/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6104434
Title Description Comments:

ASTM Phase I - Site Assessment (AdrianBrown)

Action Type: Response Requested - Other

Action: Respond to Petition - Regulator Responded
Action Date: 8/6/1993
Received Issue Date: 8/6/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301766&doc_id=6168175
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 9/14/2007 ***Submitted By:*** ROBERT K. SCOTT (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4871495127/T0607301766.pdf

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 3/14/2013
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - NORTH CAMPUS - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6087841

Document Type: Site Documents ***Document Date:*** 1/22/2013
Type: REFERRAL TO REGIONAL BOARD ***Submitted:***
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: REFERRAL TO RWQCB **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&enforcement_id=6147632

Document Type: Site Documents ***Document Date:*** 3/1/1966
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PROCESS RINSE WATER - A REPORT ON THE PROCESS RINSE WATERS AND OTHER WASTES FOR THE WATER QUALITY CONTROL BOARD **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6153109

Document Type: Site Documents ***Document Date:*** 12/15/1952
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: PROPOSED WASTE DISPOSAL PROGRAM FOR ROHR AIRCRAFT CORPORATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&enforcement_id=6272363

Document Type: Site Documents ***Document Date:*** 1/1/1952
Type: SENSITIVE RECEPTOR SURVEY REPORT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: EXCERPT FROM EXTENT, EFFECTS AND LIMITATIONS OF WASTE DISPOSAL INTO SAN DIEGO BAY REPORT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6186466

Document Type: Monitoring Reports ***Document Date:*** 4/23/2009*
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: 4Q07 GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6043381214/T0607301766.PDF

Document Type: Monitoring Reports ***Document Date:*** 2/8/1968
Type: MONITORING REPORT - OTHER ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BLDG AND TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM COLLECTED 11/30/1967 - BLDG/TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM 1967 **Note: Many records provided by the

department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5557631552/1968%20Cr%20Co%20Report%2Epdf

Document Type: Site Documents **Document Date:** 11/30/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: (REGULATOR)
Title: GEOTRACKER NOTIFICATION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&enforcement_id=6047298

Document Type: Site Documents **Document Date:** 3/14/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: FORMER ROHR UST LOCATION MAP - FOOT OF H STREET - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6087848

Document Type: Site Documents **Document Date:** 3/20/1952
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHOTOGRAPHS TAKEN BY SAN DIEGO WATER BOARD STAFF AT AND AROUND THE ROHR FACILITY FOLLOWING SHELLFISH AND BIRD POISONING. - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6161064

Document Type: Monitoring Reports **Document Date:** 4/20/2009*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: SALT BATH 2Q 08 GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2141536891/T0607301766.PDF

Document Type: Site Documents **Document Date:** 10/25/1999
Type: SITE INVESTIGATION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: PHASE I AND PHASE II SITE INVESTIGATION (SECOR 1999) **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6104446

Document Type: Site Documents **Document Date:** 11/15/1984
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ROHR INDUSTRIES PLOT PLAN - FACILITIES DEPARTMENT DRAIN MAP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6153116

Document Type: Site Documents **Document Date:** 4/7/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: STAFF LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&enforcement_id=6088118

Document Type: Site Documents **Document Date:** 6/4/1998
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ASTM PHASE I - SITE ASSESSMENT (ADRIANBROWN) **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6104434

Document Type: Site Documents **Document Date:** 8/6/1993
Type: RESPOND TO PETITION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301766&document_id=6168175

Document Type: Monitoring Reports **Document Date:** 9/14/2007*
Type: MONITORING REPORT - QUARTERLY **Submitted:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Submitted By: ROBERT K. SCOTT (AUTH_RP)
Title: SALT BATH 2ND QUARTER AND 4TH QUARTER GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6292356193/T0607301766.PDF

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Identifier: T10000001489
Project Name: GOODRICH AEROSTRUCTURES - NORTH CAMPUS
Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Address: 850 LAGOON DRIVE
City: CHULA VISTA
Association: Related Global ID
Description:
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000001489

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	16 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INC DBA BF GOODRICH 850 LAGOON DR, CHULA VISTA, 91910 CA	AST

Total Capacity(Gal): 26363
Owner Name: ROHR INC DBA BF GOODRICH
CUPA: San Diego
County: San Diego

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	17 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INC., A COLLINS AEROSPACE COMPANY 850 LAGOON DR CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID: DEH2002-HUPFP-102457
GIS Record ID: DEH2002-HUPFP-102457
Facility Name: ROHR INC., A COLLINS AEROSPACE COMPANY
GIS Facility City: CHULA VISTA
Facility City: CHULA VISTA
GIS Facility ZipCode: 91910
Facility ZipCode: 91910
GIS Fac Latitude: 32.6350278
Facility Latitude: 32.635301061308446
GIS Fac Longitude: -117.0996347
Facility Longitude: -117.1010634465785
Facility Address: 850 LAGOON DR
GIS Facility Name: ROHR INC., A COLLINS AEROSPACE COMPANY
GIS Facility Address: 850 LAGOON DR, CHULA VISTA, CA 91910
Tank Owner Name:

Hazardous Materials Facility Data

CERS ID: 10123903
Onsite H Waste Trtmt: false
Facility ID No: 37-000-102457
Haz Mat on Site: true
EPA ID No: CAD008382053
Haz Waste Generator: true
Active Permit: true
Own/Oper Under: false
Permit Status: Permit Renewed
Own/Oper Above: true
Bus. Phone: 619-691-4111
Recycle: false
Bus. Fax: 0
RCRA Large Qty Gen: true
Last Updated: 03/08/2022 12:59:35 AM
HHW Collection: false
New Georeferenced Column: (32.635301061308446, -117.1010634465785)
Mailing Address: 850 LAGOON DR, MAIL ZONE 107N EHS, Chula Vista, CA 91910

Hazardous Waste and Materials

ID: 121867
Permit Status: Permit Renewed
Child Record ID: DEH2017-HCHEM-0163938
Active Permit: true
CAS No: 1313-82-2
Haz Material Type: Pure
Last Updated: 12/28/2017 02:31:53 AM
Trade Secret: false
Chemical Name: SODIUM SULFIDE HYDRATED (4460-1502-010842)
Common Name Inventory: TANKS R-8, R-13 SODIUM SULFIDE FLAKES, HYDRATED

ID: 2811 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124534 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: D-3

ID: 2864 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124588 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 2874 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124598 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: BLEACH
Common Name Inventory: (COGEN) BLEACH

ID: 2875 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124599 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CARB DIESEL FUEL (BULK) (5655-0802-008577)
Common Name Inventory: DIESEL FUEL

ID: 2886 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124610 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1

ID: 400787 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296670 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: CALCIUM CHLORIDE (4460-1346-008340)
Common Name Inventory: CALCIUM CHLORIDE

ID: 400804 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296687 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: SODIUM BISULFITE (4460-0472-003186)
Common Name Inventory: SODIUM BISULFITE SOLUTION

ID: 307651 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263556 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS

ID: 400744 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296627 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: NAPHTHLENE (5655-0488-00198)
Common Name Inventory: MOBIL SHC #634

ID: 121931 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0164003 **Active Permit:** true
CAS No: 7446-09-5 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: Sulfur Dioxide
Common Name Inventory: Sulfur Dioxide

ID: 172279 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190581 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 172319 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164974 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 171 METAL SLUDGE
Common Name Inventory: WATER JET SAND

ID: 172321 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164976 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) -
Common Name Inventory: LAB PACK - MERCURY

ID: 172341 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164996 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302B (WASTE ACID)

ID: 307608 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263513 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (5655-0157-001724)
Common Name Inventory: TAPMATIC CUTTING FLUID #2

ID: 307613 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263518 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0082-000170)
Common Name Inventory: MOBIL VACTRA OIL NO. 4

ID: 307628 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263533 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 307633 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263538 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: NITRIC ACID (4015-0028-011253)
Common Name Inventory: T-101 NITRIC ACID STORAGE TANK (Nitric Acid 70%)

ID: 147394 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176755 **Active Permit:** true
CAS No: 1302-62-1 **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: GARNET
Common Name Inventory: ABRASIVE 120-180 GRIT

ID: 147465 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151436 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 171 METAL SLUDGE

Common Name Inventory: WATER JET SAND

ID: 112180 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161317 **Active Permit:** true
CAS No: 7446-09-5 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: Sulfur Dioxide
Common Name Inventory: Sulfur Dioxide

ID: 112207 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136696 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name Inventory: WASTE PAINT DEBRIS W/CHROME

ID: 307588 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263493 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B (GLYCERINE)

ID: 254401 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237132 **Active Permit:** true
CAS No: 98-56-6 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES (4460-1025-005932)
Common Name Inventory: TANK R-5 AC-815-O THINNER (CHLOROBENZOTRIFLUORIDES)

ID: 172209 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190509 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ALODINE 1200S (4060-0009-006327)
Common Name Inventory: TANK E-8

ID: 172224 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190525 **Active Permit:** true
CAS No: 124-38-9 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: DRY ICE SOLID BLOCKS (4460-0092-001294)
Common Name Inventory: DRY ICE

ID: 172257 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190559 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 172301 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190603 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SODIUM SILICATE SOLUTION (4490-0531-005752)
Common Name Inventory: AD-8B SUPER BEE 300LF

ID: 147345 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176704 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: LIQUID ARGON (4460-0103-006712)
Common Name Inventory: LIQUID ARGON

ID: 147351 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176710 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false

Chemical Name: ALODINE 1200S (4060-0009-006327)
Common Name Inventory: TANK E-8

ID: 147368 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176728 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED NONYLPHENOL
Common Name Inventory: E-1

ID: 254472 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237203 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 254514 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208567 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name Inventory: CONTAMINATED SOIL

ID: 254428 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237159 **Active Permit:** true
CAS No: 1313-82-2 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SODIUM SULFIDE HYDRATED (4460-1502-010842)
Common Name Inventory: TANKS R-8, R-13 SODIUM SULFIDE FLAKES, HYDRATED

ID: 254430 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237161 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID 4015-0108-011593
Common Name Inventory: Tank F-8 (Sulfuric Acid 15%)

ID: 112101 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161237 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: R-3

ID: 121909 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163981 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL

ID: 121955 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139379 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name Inventory:

ID: 121956 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139380 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name Inventory:

ID: 147442 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176803 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1

ID: 147477 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151448 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE TANK BOTTOM SLUDGE

ID: 147478 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151449 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE SUMP SLUDGE

ID: 254458 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237189 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 147353 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176712 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ALUMINUM OXIDE 80-240 GRIT
Common Name Inventory: FUSED ALUMINUM OXIDE 240 GRIT

ID: 147369 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176729 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: FERRIC SULFATE (4490-0261-000108)
Common Name Inventory: TANKS R-3, R-11 TURCO SMUT GO NCB

ID: 147380 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176740 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0985-015027)
Common Name Inventory: MOBILGEAR 600 XP 150

ID: 147391 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176751 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SODIUM TRIPOLYPHOSPHATE (4490-0030-000102)
Common Name Inventory: TANK E-2 ALUMINUX 202

ID: 307612 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263517 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM
Common Name Inventory: MOBILMET 766 CUTTING OIL

ID: 307647 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263552 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: TOLUENE (6445-0009-001354)
Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 307660 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234162 **Active Permit:** true

CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name Inventory: T-311 (WASTE COOLANT)

ID: 254480 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237211 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: TOLUENE (6445-0009-001354)
Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 147475 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151446 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 134 WASTE OIL & MIXED OIL*
Common Name Inventory: T-312 (WASTE MACHINE OIL)

ID: 147493 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151464 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307B (WASTE SOAP RINSEWATER)

ID: 254483 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237214 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 2786 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124508 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (STODDARD TYPE) (5655-0850-009823)
Common Name Inventory: TECTYL PRESERVATIVE OIL

ID: 2798 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124521 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0543-010858)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 16 REPLENISHER

ID: 112074 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161209 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 112094 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161230 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: FERRIC SULFATE (4490-0261-000108)
Common Name Inventory: TANKS R-3, R-11 TURCO SMUT GO NCB

ID: 112098 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161234 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: NITIRC ACID
Common Name Inventory: R-11

ID: 112110 **Permit Status:** Permit Renewed

Child Record ID: DEH2017-HCHEM-0161246 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)
Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 112175 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161312 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, METAL CHIPS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, METAL CHIPS

ID: 470579 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319737 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 307583 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263488 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: BORIC-SULFURIC ACID
Common Name Inventory: Tank F-11 (SULFURIC ACID 5%)

ID: 307589 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263494 **Active Permit:** true
CAS No: 7440-59-7 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 2807 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124530 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B

ID: 2817 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124540 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)
Common Name Inventory: OXYGEN MG

ID: 2872 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124596 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID (4015-0108-011593)
Common Name Inventory: T-102 SULFURIC STORAGE TANK

ID: 2892 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124616 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: 2-Ethylhexyl 7-oxabicyclo[4 1 0] heptane-3-carboxylate (824-98580-008597)
Common Name Inventory: SKYDROL 500 B-4 FIRE RESISTANT HYDRAULIC FLUID

ID: 2898 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124622 **Active Permit:** true
CAS No: 7632-90-5 **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SODIUM BISULFITE (4460-0472-003186)
Common Name Inventory: SODIUM BISULFITE SOLUTION

ID: 2833 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124556 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID
Common Name Inventory: F-8

ID: 307603 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263508 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 2799 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124522 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0544-010859)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 6 MAKEUP

ID: 400818 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264743 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE PAINT FILTERS
Common Name Inventory: WASTE PAINT FILTERS

ID: 470565 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319723 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 400777 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296660 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0081-000247)
Common Name Inventory: MOBIL VACTRA OIL NO. 2

ID: 121872 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163944 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 121888 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163960 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 121889 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163961 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0081-000247)
Common Name Inventory: MOBIL VACTRA OIL NO. 2

ID: 307581 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263486 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ALUMINUM OXIDE 80-240 GRIT
Common Name Inventory: FUSED ALUMINUM OXIDE 240 GRIT

ID: 470570 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319728 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/08/2022 12:59:36 AM ***Trade Secret:*** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 2827 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124550 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: E-2

ID: 307575 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263480 ***Active Permit:*** true
CAS No: 74-98-6 ***Haz Material Type:*** Pure
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 254446 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237177 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/03/2020 12:59:20 AM ***Trade Secret:*** false
Chemical Name: PETROLEUM (5655-0082-000170)
Common Name Inventory: MOBIL VACTRA OIL NO. 4

ID: 254462 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237193 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/03/2020 12:59:20 AM ***Trade Secret:*** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 470592 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2022-HWAST-0286927 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 03/08/2022 12:59:37 AM ***Trade Secret:*** false
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name Inventory: WASTE 901 INFECTIOUS WASTE, GENERAL

ID: 307584 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263489 ***Active Permit:*** true
CAS No: 8001-79-4 ***Haz Material Type:*** Pure
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: CASTOR OIL (5655-0161-002569)
Common Name Inventory: USP CASTOR OIL

ID: 254501 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HWAST-0208554 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 03/03/2020 12:59:27 AM ***Trade Secret:*** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE CHEMICAL BAGS

ID: 121928 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0164000 ***Active Permit:*** true
CAS No: 7440-37-1 ***Haz Material Type:*** Pure
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 172247 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190548 ***Active Permit:*** true
CAS No: 1313-82-2 ***Haz Material Type:*** Pure
Last Updated: 01/24/2019 02:33:34 AM ***Trade Secret:*** false
Chemical Name: SODIUM SULFIDE HYDRATED (4460-1502-010842)

Common Name Inventory: TANKS R-8, R-13 SODIUM SULFIDE FLAKES, HYDRATED

ID: 172288 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190590 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CARB DIESEL FUEL (BULK) (5655-0802-008577)
Common Name Inventory: DIESEL FUEL

ID: 172317 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164972 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 151 ASBESTOS CONTAINING WASTE
Common Name Inventory: ASBESTOS

ID: 172322 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164977 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) --
Common Name Inventory: BAG HOUSE FILTERS

ID: 121825 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163895 **Active Permit:** true
CAS No: 7440-59-7 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 254482 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237213 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: 2-Ethylhexyl 7-oxabicyclo[4 1 0] heptane-3-carboxylate (824-98580-008597)
Common Name Inventory: SKYDROL 500 B-4 FIRE RESISTANT HYDRAULIC FLUID

ID: 254513 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208566 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name Inventory: WASTE PAINT DEBRIS W/CHROME

ID: 254412 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237143 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B (GLYCERINE)

ID: 254437 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237168 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 112082 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161218 **Active Permit:** true
CAS No: 98-56-6 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES (4460-1025-005932)
Common Name Inventory: TANK R-5 AC-815-O THINNER

ID: 112114 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161250 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM NITRITE SOLUTION (5655-0736-006517 / 5655-0980-006517)
Common Name Inventory: (C-145, C-208) AQUA QUENCH 251B

ID: 112134 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161271 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0245-000169)
Common Name Inventory: MOBIL VACUOLINE 1405 OIL

ID: 254454 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237185 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0081-000247)
Common Name Inventory: MOBIL VACTRA OIL NO. 2

ID: 254455 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237186 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 112202 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136691 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE TANK BOTTOM SLUDGE

ID: 2781 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124503 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 254464 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237195 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CALCIUM CHLORIDE (4460-1346-008340)
Common Name Inventory: CALCIUM CHLORIDE

ID: 400824 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264749 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name Inventory: WASTE OILY ABSORBENT- PAPER

ID: 121921 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163993 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 470571 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319729 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 470593 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286928 **Active Permit:** true

CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: USED MACHINING COOLANT
Common Name Inventory: USED MACHINING COOLANT

ID: 2805 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124528 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED NONYLPHENOL
Common Name Inventory: E-1

ID: 2818 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124541 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PARACHLOROBENZOTRIFLUORIDE
Common Name Inventory: R-5

ID: 2824 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124547 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0238-000234)
Common Name Inventory: MOBIL MIST LUBE #27

ID: 2849 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124573 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0211-000186)
Common Name Inventory: V LUBE B

ID: 2856 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124580 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0081-000247)
Common Name Inventory: MOBIL VACTRA OIL NO. 2

ID: 2810 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124533 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITIRC ACID
Common Name Inventory: R-11

ID: 112097 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161233 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: KOLENE
Common Name Inventory: C-45

ID: 112128 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161265 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: GAS OIL (5655-0084-000245)
Common Name Inventory: MOBIL VELOCITE OIL NO 6

ID: 112138 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161275 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)
Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 112147 **Permit Status:** Permit Renewed

Child Record ID: DEH2017-HCHEM-0161284 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 400772 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296655 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0245-000169)
Common Name Inventory: MOBIL VACUOLINE 1405 OIL

ID: 400745 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296628 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM
Common Name Inventory: MOBILMET 766 CUTTING OIL

ID: 400811 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264736 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE SAND

ID: 121845 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163915 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0544-010859)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 6 MAKEUP

ID: 121856 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163927 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ALODINE 1200S (4060-0009-006327)
Common Name Inventory: TANK E-8

ID: 2870 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124594 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITRIC ACID (4015-0028-011253)
Common Name Inventory: T-101 NITRIC ACID STORAGE TANK

ID: 2885 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124609 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL

ID: 400797 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296680 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 400815 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264740 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name Inventory: WASTE 902 INFECTIOUS WASTE, SHARPS

ID: 400750 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296633 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 307668 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234170 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE GRINDING DEBRIS

ID: 400758 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296641 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0238-000234)
Common Name Inventory: MOBIL MIST LUBE #27

ID: 400760 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296643 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES 5655-0177-000533
Common Name Inventory: CIMFLO 20 STAMPING AND DRAWING OIL

ID: 400810 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264735 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 151 ASBESTOS CONTAINING WASTE
Common Name Inventory: ASBESTOS CONTAINING WASTE

ID: 172216 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190517 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES SOLUTION (4460-1544-006692)
Common Name Inventory: TANK R-5 AC-818-O-30 MASK (W7-65C)

ID: 172248 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190549 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SODIUM TRIPOLYPHOSPHATE (4490-0030-000102)
Common Name Inventory: TANK E-2 ALUMINUX 202

ID: 172258 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190560 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 172264 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190566 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0082-000170)
Common Name Inventory: MOBIL VACTRA OIL NO. 4

ID: 172304 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190606 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: 2-Ethylhexyl 7-oxabicyclo[4 1 0] heptane-3-carboxylate (824-98580-008597)
Common Name Inventory: SKYDROL 500 B-4 FIRE RESISTANT HYDRAULIC FLUID

ID: 172311 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164966 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name Inventory: WASTE 901 INFECTIOUS WASTE, GENERAL

ID: 172314 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164969 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 121 CAUSTIC SOL'N WITH METALS*
Common Name Inventory: T-306B (WASTE CAUSTIC)

ID: 400756 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296639 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: TALLOW (5655-0865-005822)
Common Name Inventory: POLYDRAW 660, FORMING LUBRICANT

ID: 2826 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124549 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: D-1

ID: 2862 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124586 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 121897 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163969 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0082-000170)
Common Name Inventory: MOBIL VACTRA OIL NO. 4

ID: 121932 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0164004 **Active Permit:** true
CAS No: 132259-10-0 **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: Air
Common Name Inventory: Air

ID: 121834 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163904 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0985-015027)
Common Name Inventory: MOBILGEAR 600 XP 150

ID: 121844 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163914 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-10

ID: 147372 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176732 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: KOLENE

Common Name Inventory: C-45

ID: 307630 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263535 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ACETIC ACID, 56% DILUTION (4015-0123-016292)
Common Name Inventory: DILUTE ACETIC ACID

ID: 147356 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176716 **Active Permit:** true
CAS No: 8001-79-4 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CASTOR OIL (5655-0161-002569)
Common Name Inventory: USP CASTOR OIL

ID: 121892 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163964 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 121959 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139383 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory:

ID: 307592 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263497 **Active Permit:** true
CAS No: 8032-32-4 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0985-015027)
Common Name Inventory: MOBILGEAR 600 XP 150

ID: 172244 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190545 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-13

ID: 172207 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190507 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 172263 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190565 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM
Common Name Inventory: MOBILMET 766 CUTTING OIL

ID: 172296 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190598 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: AMMONIUM BIFLUORIDE (4015-0013-006809)
Common Name Inventory: MF ACID

ID: 307623 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263528 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false

Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 307627 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263532 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 307683 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234185 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301A (WASTE CHROMIC ACID)

ID: 147400 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176761 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 172252 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190554 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 172260 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190562 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: GAS OIL (5655-0084-000245)
Common Name Inventory: MOBIL VELOCITE OIL NO 6

ID: 172275 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190577 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 172309 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190611 **Active Permit:** true
CAS No: 7632-90-5 **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SODIUM BISULFITE (4460-0472-003186)
Common Name Inventory: SODIUM BISULFITE SOLUTION

ID: 172335 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164990 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name Inventory: WASTE PAINT DEBRIS W/CHROME

ID: 147374 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176734 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: E-4

ID: 147437 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176798 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: 2-BUTOXYETHANOL (4490-0431-005081)
Common Name Inventory: MISSION SPRAY 93

ID: 147440 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176801 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: AMMONIUM BIFLUORIDE (4015-0013-006809)
Common Name Inventory: MF ACID

ID: 147454 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176815 **Active Permit:** true
CAS No: 7632-90-5 **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SODIUM BISULFITE (4460-0472-003186)
Common Name Inventory: SODIUM BISULFITE SOLUTION

ID: 307667 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234169 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE CHEMICAL BAGS

ID: 307669 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234171 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE LEAD DROSS

ID: 121895 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163967 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: NAPHTHLENE (5655-0488-00198)
Common Name Inventory: MOBIL SHC #634

ID: 121911 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163983 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 121925 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163997 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM HYDROCARBON (6445-0017-010615)
Common Name Inventory: 669 NAPHTHA

ID: 121927 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163999 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: TOLUENE (6445-0009-001354)
Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 121957 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139381 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 723 LIQUIDS W CHROMIUM - R
Common Name Inventory:

ID: 307598 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263503 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: SODIUM NITRITE SOLUTION (5655-0736-006517 / 5655-0980-006517)
Common Name Inventory: (C-145, C-208) AQUA QUENCH 251B

ID: 147480 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151451 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name Inventory: WASTE OILY ABSORBENT- PAPER

ID: 147487 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151458 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301B (WASTE CHROMIC ACID)

ID: 147489 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151460 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302C (WASTE ACID)

ID: 147350 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176709 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (STODDARD TYPE) (5655-0850-009823)
Common Name Inventory: TECTYL PRESERVATIVE OIL

ID: 147381 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176741 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES 5655-0177-000533
Common Name Inventory: CIMFLO 20 STAMPING AND DRAWING OIL

ID: 147438 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176799 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 147383 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176743 **Active Permit:** true
CAS No: 103-24-2 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: Dioctyl Azelate
Common Name Inventory: COMPRESSOR OIL, QUINSYN PLUS

ID: 307655 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263560 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: Air
Common Name Inventory: Air

ID: 307657 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234159 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE MACHINING COOLANT
Common Name Inventory: WASTE MACHINING COOLANT

ID: 307663 **Permit Status:** Permit Renewed

Child Record ID: DEH2020-HWAST-0234165 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE WATER 171 FILTER CAKE METAL SLUDGE
Common Name Inventory: WASTE FILTER CAKE

ID: 254391 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237122 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: 2-BUTANOL (862-01394-006194)
Common Name Inventory: PRIMER BASE 44GN060

ID: 112188 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136677 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 151 ASBESTOS CONTAINING WASTE
Common Name Inventory: ASBESTOS

ID: 112192 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136681 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE LASER JET FILTERS

ID: 307600 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263505 **Active Permit:** true
CAS No: 1302-62-1 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: GARNET
Common Name Inventory: ABRASIVE 120-180 GRIT

ID: 254417 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237148 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)
Common Name Inventory: OXYGEN MG

ID: 254421 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237152 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES 5655-0177-000533
Common Name Inventory: CIMFLO 20 STAMPING AND DRAWING OIL

ID: 254424 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237155 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0238-000234)
Common Name Inventory: MOBIL MIST LUBE #27

ID: 254438 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237169 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 254457 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237188 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 112178 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161315 **Active Permit:** true
CAS No: 68479-98-1 **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: diethyl toluene diamine
Common Name Inventory: RELESTÂ® Air SF Maskant HC

ID: 112211 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136700 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301A (WASTE CHROMIC ACID)

ID: 112090 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161226 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: DIETHYLENE GLYCOL MONOBUTYL ETHER (4490-0504-008104)
Common Name Inventory: TURCO C NVT

ID: 112099 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161235 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: E-4

ID: 112156 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161293 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: BENZENE PROPANOIC ACID (5655-0953-012974)
Common Name Inventory: MOBIL PEGASUS 1005 MOTOR OIL

ID: 307682 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234184 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name Inventory: T-302A (WASTE ACID)

ID: 254524 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208577 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307B (WASTE SOAP RINSEWATER)

ID: 254416 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237147 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: Tank F-4 (Nitric Acid 5%)

ID: 254418 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237149 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PARACHLOROBENZOTRIFLUORIDE
Common Name Inventory: Tank R-5 (PARACHLOROBENZOTRIFLUORIDE 75%)

ID: 470578 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319736 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 307679 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234181 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name Inventory: WASTE PAINT DEBRIS W/CHROME

ID: 400755 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296638 **Active Permit:** true
CAS No: 1302-62-1 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: GARNET
Common Name Inventory: ABRASIVE 120-180 GRIT

ID: 112148 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161285 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 112153 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161290 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: NITRIC ACID (4015-0028-011253)
Common Name Inventory: T-101 NITRIC ACID STORAGE TANK

ID: 112157 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161294 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CARB DIESEL FUEL (BULK) (5655-0802-008577)
Common Name Inventory: DIESEL FUEL

ID: 112170 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161307 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM SILICATE SOLUTION (4490-0531-005752)
Common Name Inventory: AD-8B SUPER BEE 300LF

ID: 112171 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161308 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: TOLUENE (6445-0009-001354)
Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 147377 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176737 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)
Common Name Inventory: OXYGEN MG

ID: 147445 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176806 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SODIUM SILICATE SOLUTION (4490-0531-005752)
Common Name Inventory: AD-8B SUPER BEE 300LF

ID: 147387 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176747 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE

Common Name Inventory: R-13

ID: 121948 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139372 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 134 WASTE OIL & MIXED OIL*
Common Name Inventory:

ID: 172225 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190526 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 172318 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164973 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE WATER 171 FILTER CAKE METAL SLUDGE
Common Name Inventory: WASTE FILTER CAKE

ID: 400816 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264741 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE WATER 171 FILTER CAKE METAL SLUDGE
Common Name Inventory: WASTE FILTER CAKE

ID: 147419 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176780 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 147420 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176781 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 147486 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151457 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301A (WASTE CHROMIC ACID)

ID: 121933 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0164005 **Active Permit:** true
CAS No: 9016-87-9 **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: diphenylmethadiisocyanate, isomeres
Common Name Inventory: RELESTÂ® Hardener PUR 9

ID: 147352 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176711 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ALODINE 1500 (4060-0021-006326)
Common Name Inventory: CHROMATE CONVERSION COATING CONCENTRATE (FOR TANK E-10)

ID: 147365 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176725 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false

Chemical Name: DIETHYLENE GLYCOL MONOBUTYL ETHER (4490-0504-008104)
Common Name Inventory: TURCO C NVT

ID: 147433 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176794 **Active Permit:** true
CAS No: 57-13-6 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: UREA
Common Name Inventory: (COGEN) UREA SOLUTION

ID: 172253 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190555 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 172276 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190578 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 172277 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190579 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 172293 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190595 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: 2-BUTOXYETHANOL (4490-0431-005081)
Common Name Inventory: MISSION SPRAY 93

ID: 172320 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164975 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE SAND

ID: 307620 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263525 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 307631 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263536 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: CALCIUM CHLORIDE (4460-1346-008340)
Common Name Inventory: CALCIUM CHLORIDE

ID: 307671 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234173 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name Inventory: WASTE PAINT/SOLVENTS

ID: 307689 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234191 **Active Permit:** true
CAS No: **Haz Material Type:**

Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303B FET WASTE WATER

ID: 254484 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237215 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS

ID: 254492 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208545 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 121 CAUSTIC SOL'N WITH METALS*
Common Name Inventory: T-306B (WASTE CAUSTIC)

ID: 147386 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176746 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: E-2

ID: 147469 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151440 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) --
Common Name Inventory: BAG HOUSE FILTERS

ID: 147421 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176782 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 147346 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176705 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 147427 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176788 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CAUSTIC SODA 50% LIQUID (4015-0106-011232)
Common Name Inventory: T-103 CAUSTIC STORAGE TANK

ID: 147459 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151430 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 121 WASTE CAUSTIC SOL'N WITH METALS
Common Name Inventory: T-306A (WASTE CAUSTIC)

ID: 307619 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263524 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)
Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 147413 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176774 **Active Permit:** true

CAS No: **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)
Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 147414 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176775 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 307579 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263484 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (STODDARD TYPE) (5655-0850-009823)
Common Name Inventory: TECTYL PRESERVATIVE OIL

ID: 112183 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136672 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE MACHINING COOLANT
Common Name Inventory: WASTE MACHINING COOLANT

ID: 112216 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136705 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303A FET WASTE WATER

ID: 400746 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296629 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0082-000170)
Common Name Inventory: MOBIL VACTRA OIL NO. 4

ID: 470584 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319742 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 470586 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319744 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL 99%

ID: 254485 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237216 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: diphenylmethadiisocyanate, isomeres
Common Name Inventory: RELESTÂ® Hardener PUR 9

ID: 254491 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208544 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 121 WASTE CAUSTIC SOL'N WITH METALS
Common Name Inventory: T-306A (WASTE CAUSTIC)

ID: 112143 **Permit Status:** Permit Renewed

Child Record ID: DEH2017-HCHEM-0161280 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 112161 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161298 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 254459 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237190 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 254419 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237150 **Active Permit:** true
CAS No: 8012-95-1 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: MINERAL OIL (4460-1258-007392)
Common Name Inventory: MOBIL VACUOLINE 1409 OIL

ID: 254439 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237170 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 400765 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296648 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B (GLYCERINE)

ID: 112119 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161256 **Active Permit:** true
CAS No: 1302-62-1 **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: GARNET
Common Name Inventory: ABRASIVE 120-180 GRIT

ID: 112149 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161286 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 400785 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296668 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 400788 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296671 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 121862 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163933 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: LIQUID ARGON (4460-0103-006712)
Common Name Inventory: LIQUID ARGON

ID: 2783 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124505 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: 4-(2-NITROBUTYL) MORPHOLINE (5655-0633-002304)
Common Name Inventory: LUBRICOOLANT AC

ID: 2789 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124511 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ALUMINUM OXIDE 80-240 GRIT
Common Name Inventory: FUSED ALUMINUM OXIDE 240 GRIT

ID: 2780 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124502 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: LIQUID ARGON (4460-0103-006712)
Common Name Inventory: LIQUID ARGON

ID: 121826 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163896 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: KOLENE
Common Name Inventory: C-45

ID: 147450 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176811 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, METAL CHIPS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, METAL CHIPS

ID: 470564 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319722 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 121861 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163932 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 172227 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190528 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: FERRIC SULFATE (4490-0261-000108)
Common Name Inventory: TANKS R-3, R-11 TURCO SMUT GO NCB

ID: 172230 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190531 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: NITIRC ACID
Common Name Inventory: R-11

ID: 172254 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190556 ***Active Permit:*** true
CAS No: 7782-44-7 ***Haz Material Type:*** Pure
Last Updated: 01/24/2019 02:33:34 AM ***Trade Secret:*** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 172298 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190600 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 01/24/2019 02:33:34 AM ***Trade Secret:*** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1

ID: 172312 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0164967 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 01/24/2019 02:33:34 AM ***Trade Secret:*** false
Chemical Name: WASTE MACHINING COOLANT
Common Name Inventory: WASTE MACHINING COOLANT

ID: 172316 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0164971 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 01/24/2019 02:33:34 AM ***Trade Secret:*** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307A (WASTE SOAP RINSEWATER)

ID: 2830 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124553 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: SODIUM NITRITE SOLUTION (5655-0736-006517 / 5655-0980-006517)
Common Name Inventory: (C-145, C-208) AQUA QUENCH 251B

ID: 2858 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124582 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: CASTING PLASTER REG (9310-9960-001206)
Common Name Inventory: CASTING PLASTER REG

ID: 2882 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124606 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 2832 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124555 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: SODIUM TRIPOLYPHOSPHATE (4490-0030-000102)
Common Name Inventory: TANK E-2 ALUMINUX 202

ID: 2861 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124585 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 2890 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124614 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: TOLUENE (6445-0009-001354)

Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 254408 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237139 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: DRY ICE SOLID BLOCKS (4460-0092-001294)
Common Name Inventory: DRY ICE

ID: 2891 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124615 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 254440 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237171 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 400762 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296645 **Active Permit:** true
CAS No: 8012-95-1 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: MINERAL OIL (4460-1258-007392)
Common Name Inventory: MOBIL VACUOLINE 1409 OIL

ID: 400778 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296661 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 400819 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264744 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name Inventory: WASTE PAINT/SOLVENTS

ID: 121852 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163922 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: BORIC-SULFURIC ACID
Common Name Inventory: F-11

ID: 121874 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163946 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 400823 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264748 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name Inventory: WASTE PAINT RELATED

ID: 2795 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124518 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false

Chemical Name: CHLOROBENZOTRIFLUORIDES SOLUTION (4460-1544-006692)
Common Name Inventory: TANK R-5 AC-818-O-30 MASK (W7-65C)

ID: 2800 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124523 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-10

ID: 121840 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163910 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 400822 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264747 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE SUMP SLUDGE

ID: 470558 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319716 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 470562 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319720 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)
Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 121901 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163973 **Active Permit:** true
CAS No: 57-13-6 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: UREA
Common Name Inventory: (COGEN) UREA SOLUTION

ID: 121902 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163974 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 121936 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139360 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 121 WASTE CAUSTIC SOL'N WITH METALS
Common Name Inventory:

ID: 121941 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139365 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE WATER 171 FILTER CAKE METAL SLUDGE
Common Name Inventory:

ID: 121859 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163930 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: 4-(2-NITROBUTYL) MORPHOLINE (5655-0633-002304)
Common Name Inventory: LUBRICOOLANT AC

ID: 2802 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124525 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: DIETHYLENE GLYCOL MONOBUTYL ETHER (4490-0504-008104)
Common Name Inventory: TURCO C NVT

ID: 470589 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319747 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 470594 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286929 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE SAND

ID: 400759 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296642 **Active Permit:** true
CAS No: 103-24-2 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: Dioctyl Azelate
Common Name Inventory: COMPRESSOR OIL, QUINSYN PLUS

ID: 400767 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296650 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (STODDARD TYPE) (5655-0850-009823)
Common Name Inventory: TECTYL PRESERVATIVE OIL

ID: 400769 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296652 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: 4-(2-NITROBUTYL) MORPHOLINE (5655-0633-002304)
Common Name Inventory: LUBRICOOLANT AC

ID: 400790 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296673 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM HYDROCARBON (6445-0017-010615)
Common Name Inventory: 669 NAPHTHA

ID: 2808 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124531 **Active Permit:** true
CAS No: 7440-59-7 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 2879 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124603 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: LUBE OIL
Common Name Inventory: (COGEN) LUBE OIL

ID: 2883 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124607 **Active Permit:** true

CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)
Common Name Inventory: ACETONE

ID: 254463 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237194 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ACETIC ACID, 56% DILUTION (4015-0123-016292)
Common Name Inventory: DILUTE ACETIC ACID

ID: 254502 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208555 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE GRINDING DEBRIS

ID: 2835 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124559 **Active Permit:** true
CAS No: 1302-62-1 **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: GARNET
Common Name Inventory: ABRASIVE 120-180 GRIT

ID: 2847 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124571 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM
Common Name Inventory: MOBILMET 766 CUTTING OIL

ID: 2853 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124577 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM OIL (5655-0911-011665)
Common Name Inventory: MOBILGEAR 600 XP 320 BASE OIL & ADDITIVES

ID: 2871 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124595 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SODIUM HYPOCHLORITE 12.5% (4460-0209-002968)
Common Name Inventory: SODIUM HYPOCHLORITE 12.5%

ID: 2873 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124597 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: BENZENE PROPANOIC ACID (5655-0953-012974)
Common Name Inventory: MOBIL PEGASUS 1005 MOTOR OIL

ID: 2876 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124600 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID
Common Name Inventory: (COGEN) SULFURIC ACID 93%

ID: 254508 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208561 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE TANK BOTTOM SLUDGE

ID: 400770 **Permit Status:** Permit Renewed

Child Record ID: DEH2021-HCHEM-0296653 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: 2-BUTANOL (862-01394-006194)
Common Name Inventory: PRIMER BASE 44GN060

ID: 121833 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163903 **Active Permit:** true
CAS No: 8012-95-1 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: MINERAL OIL (4460-1258-007392)
Common Name Inventory: MOBIL VACUOLINE 1409 OIL

ID: 400749 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296632 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 400792 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296675 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 400796 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296679 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: 2-BUTOXYETHANOL (4490-0431-005081)
Common Name Inventory: MISSION SPRAY 93

ID: 172220 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190521 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0544-010859)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 6 MAKEUP

ID: 172229 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190530 **Active Permit:** true
CAS No: 7440-59-7 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 172239 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190540 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: plaster of paris (9310-9993-001205)
Common Name Inventory: ULTRACAL GYPSUM CEMENT

ID: 172242 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190543 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)
Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 172271 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190573 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 400786 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296669 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ACETIC ACID, 56% DILUTION (4015-0123-016292)
Common Name Inventory: DILUTE ACETIC ACID

ID: 400791 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296674 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: TOLUENE (6445-0009-001354)
Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 400806 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264731 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name Inventory: WASTE 901 INFECTIOUS WASTE, GENERAL

ID: 112190 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136679 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 171 METAL SLUDGE
Common Name Inventory: WATER JET SAND

ID: 112205 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136694 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name Inventory: WASTE OILY ABSORBENT- PAPER

ID: 112215 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136704 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name Inventory: WASTE 902 INFECTIOUS WASTE, SHARPS

ID: 121875 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163947 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 121899 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163971 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0245-000169)
Common Name Inventory: MOBIL VACUOLINE 1405 OIL

ID: 121898 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163970 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0211-000186)
Common Name Inventory: V LUBE B

ID: 121913 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163985 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ACETIC ACID, 56% DILUTION (4015-0123-016292)
Common Name Inventory: DILUTE ACETIC ACID

ID: 121952 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139376 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name Inventory:

ID: 112078 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161213 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ALUMINUM OXIDE 80-240 GRIT
Common Name Inventory: FUSED ALUMINUM OXIDE 240 GRIT

ID: 112084 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161220 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-10

ID: 307634 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263539 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: SODIUM HYPOCHLORITE 12.5% (4460-0209-002968)
Common Name Inventory: SODIUM HYPOCHLORITE 12.5%

ID: 121942 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139366 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 171 METAL SLUDGE
Common Name Inventory:

ID: 121954 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139378 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) -
Common Name Inventory:

ID: 121949 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139373 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name Inventory:

ID: 254400 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237131 **Active Permit:** true
CAS No: 8001-79-4 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CASTOR OIL (5655-0161-002569)
Common Name Inventory: USP CASTOR OIL

ID: 121951 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139375 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory:

ID: 172214 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190515 **Active Permit:** true
CAS No: 8001-79-4 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CASTOR OIL (5655-0161-002569)

Common Name Inventory: USP CASTOR OIL

ID: 172267 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190569 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0242-000171)
Common Name Inventory: MOBIL DTE 25 OIL

ID: 172313 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164968 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 121 WASTE CAUSTIC SOL'N WITH METALS
Common Name Inventory: T-306A (WASTE CAUSTIC)

ID: 307674 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234176 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE TANK BOTTOM SLUDGE

ID: 147366 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176726 **Active Permit:** true
CAS No: 124-38-9 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: DRY ICE SOLID BLOCKS (4460-0092-001294)
Common Name Inventory: DRY ICE

ID: 307687 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234189 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name Inventory: WASTE 902 INFECTIOUS WASTE, SHARPS

ID: 172205 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190505 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: 2-BUTANOL (862-01394-006194)
Common Name Inventory: PRIMER BASE 44GN060

ID: 172265 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190567 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0211-000186)
Common Name Inventory: V LUBE B

ID: 172294 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190596 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 172308 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190610 **Active Permit:** true
CAS No: 68479-98-1 **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: diethyl toluene diamine
Common Name Inventory: RELESTÂ® Air SF Maskant HC

ID: 172331 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164986 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false

Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE SUMP SLUDGE

ID: 147357 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176717 **Active Permit:** true
CAS No: 98-56-6 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES (4460-1025-005932)
Common Name Inventory: TANK R-5 AC-815-O THINNER

ID: 147434 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176795 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 147441 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176802 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL

ID: 307585 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263490 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: DIETHYLENE GLYCOL MONOBUTYL ETHER (4490-0504-008104)
Common Name Inventory: TURCO C NVT (DIETHYLENE GLYCOL MONOBUTYL ETHER 5.5%)

ID: 307591 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263496 **Active Permit:** true
CAS No: 8012-95-1 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: MINERAL OIL (4460-1258-007392)
Common Name Inventory: MOBIL VACUOLINE 1409 OIL

ID: 307593 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263498 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES 5655-0177-000533
Common Name Inventory: CIMFLO 20 STAMPING AND DRAWING OIL

ID: 307601 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263506 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 307624 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263529 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 147444 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176805 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM HYDROCARBON (6445-0017-010615)
Common Name Inventory: 669 NAPHTHA

ID: 307605 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263510 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 307606 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263511 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 307610 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263515 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 307677 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234179 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name Inventory: WASTE OILY ABSORBENT- PAPER

ID: 147407 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176768 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0082-000170)
Common Name Inventory: MOBIL VACTRA OIL NO. 4

ID: 147412 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176773 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM OIL (5655-0911-011665)
Common Name Inventory: MOBILGEAR 600 XP 320 BASE OIL & ADDITIVES

ID: 307675 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234177 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE SUMP SLUDGE

ID: 307639 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263544 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 147354 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176713 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ALUMINUX ETCHANT (4460-0030-000106)
Common Name Inventory: TANK E-2

ID: 147359 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176719 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-10

ID: 254395 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237126 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ALODINE 1200S (4060-0009-006327)
Common Name Inventory: TANK E-8 - ALODINE 1200S (Chromium VI Oxide 45%)

ID: 254396 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237127 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ALUMINUM OXIDE 80-240 GRIT
Common Name Inventory: FUSED ALUMINUM OXIDE 240 GRIT

ID: 147425 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176786 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ACETIC ACID, 56% DILUTION (4015-0123-016292)
Common Name Inventory: DILUTE ACETIC ACID

ID: 147385 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176745 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)
Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 254479 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237210 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SODIUM SILICATE SOLUTION (4490-0531-005752)
Common Name Inventory: AD-8B SUPER BEE 300LF

ID: 254413 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237144 **Active Permit:** true
CAS No: 7440-59-7 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 254447 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237178 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0211-000186)
Common Name Inventory: V LUBE B

ID: 254465 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237196 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CAUSTIC SODA 50% LIQUID (4015-0106-011232)
Common Name Inventory: T-103 CAUSTIC STORAGE TANK (Sodium Hydroxide 50%)

ID: 147401 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176762 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 147481 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151452 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) -
Common Name Inventory: CONTAMINATED RAGS

ID: 147482 **Permit Status:** Permit Renewed

Child Record ID: DEH2018-HWAST-0151453 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name Inventory: WASTE PAINT DEBRIS W/CHROME

ID: 147483 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151454 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name Inventory: CONTAMINATED SOIL

ID: 147418 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176779 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 112179 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161316 **Active Permit:** true
CAS No: 7632-90-5 **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM BISULFITE (4460-0472-003186)
Common Name Inventory: SODIUM BISULFITE SOLUTION

ID: 112182 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136671 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name Inventory: WASTE 901 INFECTIOUS WASTE, GENERAL

ID: 112184 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136673 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 121 WASTE CAUSTIC SOL'N WITH METALS
Common Name Inventory: T-306A (WASTE CAUSTIC)

ID: 112185 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136674 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 121 CAUSTIC SOL'N WITH METALS*
Common Name Inventory: T-306B (WASTE CAUSTIC)

ID: 112201 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136690 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name Inventory: WASTE OIL SUMP SLUDGE

ID: 112214 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136703 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302C (WASTE ACID)

ID: 121863 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163934 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: E-2

ID: 121871 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163943 **Active Permit:** true
CAS No: 1302-62-1 **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: GARNET
Common Name Inventory: ABRASIVE 120-180 GRIT

ID: 112091 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161227 **Active Permit:** true
CAS No: 124-38-9 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: DRY ICE SOLID BLOCKS (4460-0092-001294)
Common Name Inventory: DRY ICE

ID: 112130 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161267 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: NAPHTHLENE (5655-0488-00198)
Common Name Inventory: MOBIL SHC #634

ID: 112140 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161277 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0081-000247)
Common Name Inventory: MOBIL VACTRA OIL NO. 2

ID: 470590 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319748 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 112100 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161236 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: CHEMICAL PROCESSING TANK F-4

ID: 112105 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161241 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0985-015027)
Common Name Inventory: MOBILGEAR 600 XP 150

ID: 112127 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161264 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (5655-0157-001724)
Common Name Inventory: TAPMATIC CUTTING FLUID #2

ID: 112159 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161296 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 112166 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161303 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL

ID: 147447 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176808 ***Active Permit:*** true
CAS No: 7440-37-1 ***Haz Material Type:*** Pure
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 307602 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263507 ***Active Permit:*** true
CAS No: 7727-37-9 ***Haz Material Type:*** Pure
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 307607 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263512 ***Active Permit:*** true
CAS No: 64742-47-8 ***Haz Material Type:*** Pure
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 307632 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263537 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: CAUSTIC SODA 50% LIQUID (4015-0106-011232)
Common Name Inventory: T-103 CAUSTIC STORAGE TANK (Sodium Hydroxide 50%)

ID: 307637 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263542 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 307666 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HWAST-0234168 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 01/30/2021 01:18:05 AM ***Trade Secret:*** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) --
Common Name Inventory: BAG HOUSE FILTERS

ID: 147405 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176766 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: NAPHTHLENE (5655-0488-00198)
Common Name Inventory: MOBIL SHC #634

ID: 147406 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176767 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: PETROLEUM
Common Name Inventory: MOBILMET 766 CUTTING OIL

ID: 147472 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0151443 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 04/04/2018 12:53:47 AM ***Trade Secret:*** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE LEAD DROSS

ID: 121831 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163901 ***Active Permit:*** true
CAS No: 7782-44-7 ***Haz Material Type:*** Pure
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)

Common Name Inventory: OXYGEN MG

ID: 121865 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163936 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-8

ID: 121868 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163939 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SODIUM TRIPOLYPHOSPHATE (4490-0030-000102)
Common Name Inventory: TANK E-2 ALUMINUX 202

ID: 121876 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163948 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 172246 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190547 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SODIUM NITRITE SOLUTION (5655-0736-006517 / 5655-0980-006517)
Common Name Inventory: (C-145, C-208) AQUA QUENCH 251B

ID: 307672 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234174 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 134 WASTE OIL & MIXED OIL*
Common Name Inventory: T-312 (WASTE MACHINE OIL)

ID: 307686 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234188 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302C (WASTE ACID)

ID: 254478 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237209 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM HYDROCARBON (6445-0017-010615)
Common Name Inventory: 669 NAPHTHA

ID: 254516 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208569 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name Inventory: T-302A (WASTE ACID)

ID: 112086 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161222 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0543-010858)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 16 REPLENISHER

ID: 112124 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161261 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false

Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 112144 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161281 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 254487 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237218 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SODIUM BISULFITE (4460-0472-003186)
Common Name Inventory: SODIUM BISULFITE SOLUTION

ID: 254523 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208576 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303B FET WASTE WATER

ID: 307680 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234182 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name Inventory: CONTAMINATED SOIL

ID: 307684 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234186 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301B (WASTE CHROMIC ACID)

ID: 121915 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163987 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CAUSTIC SODA 50% LIQUID (4015-0106-011232)
Common Name Inventory: T-103 CAUSTIC STORAGE TANK

ID: 254422 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237153 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: plaster of paris (9310-9993-001205)
Common Name Inventory: ULTRACAL GYPSUM CEMENT

ID: 147347 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176706 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: 2-BUTANOL (862-01394-006194)
Common Name Inventory: PRIMER BASE 44GN060

ID: 147358 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176718 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES SOLUTION (4460-1544-006692)
Common Name Inventory: TANK R-5 AC-818-O-30 MASK (W7-65C)

ID: 121943 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139367 **Active Permit:** true
CAS No: **Haz Material Type:**

Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory:

ID: 121944 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139368 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory:

ID: 172203 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190503 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: LIQUID ARGON (4460-0103-006712)
Common Name Inventory: LIQUID ARGON

ID: 2787 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124509 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ALODINE 1200S (4060-0009-006327)
Common Name Inventory: TANK E-8

ID: 2797 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124520 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-8

ID: 470583 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319741 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 470604 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286939 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: Dilute Waste Water
Common Name Inventory: Dilute Waste Water

ID: 112075 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161210 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (STODDARD TYPE) (5655-0850-009823)
Common Name Inventory: TECTYL PRESERVATIVE OIL

ID: 112122 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161259 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 112189 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136678 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE WATER 171 FILTER CAKE METAL SLUDGE
Common Name Inventory: WASTE FILTER CAKE

ID: 470559 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319717 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B (GLYCERINE)

ID: 470573 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319731 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 2820 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124543 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0985-015027)
Common Name Inventory: MOBILGEAR 600 XP 150

ID: 2846 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124570 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NAPHTHLENE (5655-0488-00198)
Common Name Inventory: MOBIL SHC #634

ID: 2877 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124601 **Active Permit:** true
CAS No: 57-13-6 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: UREA
Common Name Inventory: (COGEN) UREA SOLUTION

ID: 400821 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264746 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE TANK BOTTOM SLUDGE

ID: 121879 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163951 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 121882 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163954 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: GAS OIL (5655-0084-000245)
Common Name Inventory: MOBIL VELOCITE OIL NO 6

ID: 2816 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124539 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: R-3

ID: 2836 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124560 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 2839 **Permit Status:** Permit Renewed

Child Record ID: DEH2016-HCHEM-0124563 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 2889 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124613 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SODIUM SILICATE SOLUTION (4490-0531-005752)
Common Name Inventory: AD-8B SUPER BEE 300LF

ID: 254517 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208570 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301A (WASTE CHROMIC ACID)

ID: 112095 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161231 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B

ID: 112102 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161238 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)
Common Name Inventory: OXYGEN MG

ID: 112116 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161252 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM TRIPOLYPHOSPHATE (4490-0030-000102)
Common Name Inventory: TANK E-2 ALUMINUX 202

ID: 112120 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161257 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 400763 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296646 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)
Common Name Inventory: OXYGEN MG

ID: 400771 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296654 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 400793 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296676 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: 2-Ethylhexyl 7-oxabicyclo[4 1 0] heptane-3-carboxylate (824-98580-008597)
Common Name Inventory: SKYDROL 500 B-4 FIRE RESISTANT HYDRAULIC FLUID

ID: 400783 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296666 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2021 02:32:28 AM ***Trade Secret:*** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 400795 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296678 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2021 02:32:28 AM ***Trade Secret:*** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 400803 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296686 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2021 02:32:28 AM ***Trade Secret:*** false
Chemical Name: diethyl toluene diamine
Common Name Inventory: RELESTÂ® Air SF Maskant HC

ID: 400805 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296688 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2021 02:32:28 AM ***Trade Secret:*** false
Chemical Name: Air
Common Name Inventory: Air

ID: 400742 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296625 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2021 02:32:28 AM ***Trade Secret:*** false
Chemical Name: GAS OIL (5655-0084-000245)
Common Name Inventory: MOBIL VELOCITE OIL NO 6

ID: 121830 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163900 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: NITRIC ACID
Common Name Inventory: R-3

ID: 121832 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163902 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: PARACHLOROBENZOTRIFLUORIDE
Common Name Inventory: R-5

ID: 254450 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237181 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/03/2020 12:59:20 AM ***Trade Secret:*** false
Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 470591 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319749 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/08/2022 12:59:36 AM ***Trade Secret:*** false
Chemical Name: Air
Common Name Inventory: Air

ID: 400775 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296658 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2021 02:32:28 AM ***Trade Secret:*** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)

Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 400789 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296672 **Active Permit:** true
CAS No: 8009-03-8 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLATUM (5655-0059-000154)
Common Name Inventory: PENRECO AMBER (PETROLATUM) CODE 4510

ID: 400799 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296682 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: AMMONIUM BIFLUORIDE (4015-0013-006809)
Common Name Inventory: MF ACID

ID: 400743 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296626 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 400807 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264732 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) --
Common Name Inventory: BAG HOUSE FILTERS

ID: 121860 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163931 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: 2-BUTANOL (862-01394-006194)
Common Name Inventory: PRIMER BASE 44GN060

ID: 2785 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124507 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ACTIVOL 1357 WET AGENT (4460-1178-000251)
Common Name Inventory: TANK D-3 ACTIVOL 1357 WETTING AGENT

ID: 172204 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190504 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 172222 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190523 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-12

ID: 172272 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190574 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0081-000247)
Common Name Inventory: MOBIL VACTRA OIL NO. 2

ID: 172324 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164979 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false

Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE GRINDING DEBRIS

ID: 307648 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263553 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 121924 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163996 **Active Permit:** true
CAS No: 8009-03-8 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLATUM (5655-0059-000154)
Common Name Inventory: PENRECO AMBER (PETROLATUM) CODE 4510

ID: 2845 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124569 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 2855 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124579 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 2860 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124584 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 112186 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136675 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name Inventory: T-311 (WASTE COOLANT)

ID: 112217 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136706 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303B FET WASTE WATER

ID: 147361 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176721 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0543-010858)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 16 REPLENISHER

ID: 147364 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176724 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-12

ID: 172282 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190584 **Active Permit:** true
CAS No: 10043-52-4 **Haz Material Type:** Mixture

Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CALCIUM CHLORIDE (4460-1346-008340)
Common Name Inventory: CALCIUM CHLORIDE

ID: 172284 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190586 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: NITRIC ACID (4015-0028-011253)
Common Name Inventory: T-101 NITRIC ACID STORAGE TANK

ID: 172302 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190604 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: TOLUENE (6445-0009-001354)
Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 172336 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164991 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name Inventory: CONTAMINATED SOIL

ID: 147371 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176731 **Active Permit:** true
CAS No: 7440-59-7 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 147426 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176787 **Active Permit:** true
CAS No: 10043-52-4 **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CALCIUM CHLORIDE (4460-1346-008340)
Common Name Inventory: CALCIUM CHLORIDE

ID: 147397 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176758 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 147468 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151439 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) -
Common Name Inventory: LAB PACK - MERCURY

ID: 121900 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163972 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CARB DIESEL FUEL (BULK) (5655-0802-008577)
Common Name Inventory: DIESEL FUEL

ID: 470572 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319730 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)
Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 470577 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319735 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 254518 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208571 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301B (WASTE CHROMIC ACID)

ID: 254490 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208543 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE MACHINING COOLANT
Common Name Inventory: WASTE MACHINING COOLANT

ID: 254397 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237128 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ALUMINUX ETCHANT (4460-0030-000106)
Common Name Inventory: TANK E-2 (SODIUM HYDROXIDE 60%)

ID: 172226 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190527 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED NONYLPHENOL
Common Name Inventory: E-1

ID: 172250 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190552 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: TURCO 4215 NC-LT (4460-1732-005835)
Common Name Inventory: TANKS E-1, R-1 TURCO 4215 NC-LT

ID: 172326 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164981 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE PAINT FILTERS
Common Name Inventory: WASTE PAINT FILTERS

ID: 400781 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296664 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 400813 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264738 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 461 PAINT SLUDGE
Common Name Inventory: WASTE PAINT DEBRIS W/CHROME

ID: 254399 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237130 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: BORIC-SULFURIC ACID
Common Name Inventory: Tank F-11 (SULFURIC ACID 5%)

ID: 254404 **Permit Status:** Permit Renewed

Child Record ID: DEH2019-HCHEM-0237135 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0544-010859)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 6 MAKEUP

ID: 254515 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208568 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 723 LIQUIDS W CHROMIUM - R
Common Name Inventory: T-301C (WASTE CHROMIC ACID)

ID: 254427 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237158 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SODIUM NITRITE SOLUTION (5655-0736-006517 / 5655-0980-006517)
Common Name Inventory: (C-145, C-208) AQUA QUENCH 251B

ID: 254433 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237164 **Active Permit:** true
CAS No: 1302-62-1 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: GARNET
Common Name Inventory: ABRASIVE 120-180 GRIT

ID: 112076 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161211 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ALODINE 1200S (4060-0009-006327)
Common Name Inventory: TANK E-8

ID: 112081 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161217 **Active Permit:** true
CAS No: 8001-79-4 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CASTOR OIL (5655-0161-002569)
Common Name Inventory: USP CASTOR OIL

ID: 112104 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161240 **Active Permit:** true
CAS No: 8012-95-1 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: MINERAL OIL (4460-1258-007392)
Common Name Inventory: MOBIL VACUOLINE 1409 OIL

ID: 112111 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161247 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: E-2

ID: 112129 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161266 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 307576 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263481 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: 2-BUTANOL (862-01394-006194)
Common Name Inventory: PRIMER BASE 44GN060

ID: 112218 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136707 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307B (WASTE SOAP RINSEWATER)

ID: 254519 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208572 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302B (WASTE ACID)

ID: 400814 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264739 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name Inventory: CONTAMINATED SOIL

ID: 254445 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237176 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM
Common Name Inventory: MOBILMET 766 CUTTING OIL

ID: 112072 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161207 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: 2-BUTANOL (862-01394-006194)
Common Name Inventory: PRIMER BASE 44GN060

ID: 112115 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161251 **Active Permit:** true
CAS No: 1313-82-2 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM SULFIDE HYDRATED (4460-1502-010842)
Common Name Inventory: TANKS R-8, R-13 SODIUM SULFIDE FLAKES, HYDRATED

ID: 2829 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124552 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-8

ID: 2868 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124592 **Active Permit:** true
CAS No: 10043-52-4 **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CALCIUM CHLORIDE (4460-1346-008340)
Common Name Inventory: CALCIUM CHLORIDE

ID: 254466 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237197 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: NITRIC ACID (4015-0028-011253)
Common Name Inventory: T-101 NITRIC ACID STORAGE TANK (Nitric Acid 70%)

ID: 254467 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237198 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SODIUM HYPOCHLORITE 12.5% (4460-0209-002968)
Common Name Inventory: SODIUM HYPOCHLORITE 12.5%

ID: 112141 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161278 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 112167 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161304 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1

ID: 307622 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263527 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 307644 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263549 **Active Permit:** true
CAS No: 8009-03-8 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLATUM (5655-0059-000154)
Common Name Inventory: PENRECO AMBER (PETROLATUM) CODE 4510

ID: 307678 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234180 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) -
Common Name Inventory: CONTAMINATED RAGS

ID: 307685 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234187 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302B (WASTE ACID)

ID: 2834 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124558 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: TURCO 4215 NC-LT (4460-1732-005835)
Common Name Inventory: TANKS E-1, R-1 TURCO 4215 NC-LT

ID: 2859 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124583 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-1494-009809)
Common Name Inventory: LIQUID NITROGEN

ID: 121847 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163917 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-8

ID: 2788 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124510 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ALODINE 1500 (4060-0021-006326)

Common Name Inventory: CHROMATE CONVERSION COATING CONCENTRATE (FOR TANK E-10)

ID: 2796 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124519 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-10

ID: 121906 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163978 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 172217 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190518 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-10

ID: 172234 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190535 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)
Common Name Inventory: OXYGEN MG

ID: 172237 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190538 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0985-015027)
Common Name Inventory: MOBILGEAR 600 XP 150

ID: 172269 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190571 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM OIL (5655-0911-011665)
Common Name Inventory: MOBILGEAR 600 XP 320 BASE OIL & ADDITIVES

ID: 172332 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164987 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name Inventory: WASTE PAINT RELATED

ID: 121866 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163937 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SODIUM NITRITE SOLUTION (5655-0736-006517 / 5655-0980-006517)
Common Name Inventory: (C-145, C-208) AQUA QUENCH 251B

ID: 121884 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163956 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0242-000171)
Common Name Inventory: MOBIL DTE 25 OIL

ID: 121885 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163957 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false

Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 121890 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163962 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 254409 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237140 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 2869 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124593 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CAUSTIC SODA 50% LIQUID (4015-0106-011232)
Common Name Inventory: T-103 CAUSTIC STORAGE TANK

ID: 254495 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208548 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 151 ASBESTOS CONTAINING WASTE
Common Name Inventory: ASBESTOS CONTAINING WASTE

ID: 307659 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234161 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 121 CAUSTIC SOL'N WITH METALS*
Common Name Inventory: T-306B (WASTE CAUSTIC)

ID: 307642 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263547 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL 99%

ID: 307653 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263558 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: diethyl toluene diamine
Common Name Inventory: RELESTÂ® Air SF Maskant HC

ID: 307661 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234163 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307A (WASTE SOAP RINSEWATER)

ID: 2887 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124611 **Active Permit:** true
CAS No: 8009-03-8 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLATUM (5655-0059-000154)
Common Name Inventory: PENRECO AMBER (PETROLATUM) CODE 4510

ID: 172210 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190510 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ALODINE 1500 (4060-0021-006326)
Common Name Inventory: CHROMATE CONVERSION COATING CONCENTRATE (FOR TANK E-10)

ID: 172213 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190514 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: BORIC-SULFURIC ACID
Common Name Inventory: F-11

ID: 172245 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190546 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-8

ID: 172274 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190576 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 172295 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190597 **Active Permit:** true
CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)
Common Name Inventory: ACETONE

ID: 172305 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190607 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 400754 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296637 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 400773 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296656 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 147464 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151435 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE WATER 171 FILTER CAKE METAL SLUDGE
Common Name Inventory: WASTE FILTER CAKE

ID: 147349 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176708 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 147428 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176789 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: NITRIC ACID (4015-0028-011253)
Common Name Inventory: T-101 NITRIC ACID STORAGE TANK

ID: 121829 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163899 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: CHEMICAL PROCESSING TANK F-4

ID: 172327 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164982 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name Inventory: WASTE PAINT/SOLVENTS

ID: 254504 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208557 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE PAINT FILTERS
Common Name Inventory: WASTE PAINT FILTERS

ID: 112193 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136682 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) -
Common Name Inventory: LAB PACK - MERCURY

ID: 112198 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136687 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE PAINT FILTERS
Common Name Inventory: WASTE PAINT FILTERS

ID: 112213 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136702 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302B (WASTE ACID)

ID: 307578 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263483 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 2837 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124561 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 2841 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124565 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 2865 **Permit Status:** Permit Renewed

Child Record ID: DEH2016-HCHEM-0124589 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 172233 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190534 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: R-3

ID: 121926 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163998 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SODIUM SILICATE SOLUTION (4490-0531-005752)
Common Name Inventory: AD-8B SUPER BEE 300LF

ID: 147362 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176722 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0544-010859)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 6 MAKEUP

ID: 147370 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176730 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B

ID: 147431 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176792 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: BENZENE PROPANOIC ACID (5655-0953-012974)
Common Name Inventory: MOBIL PEGASUS 1005 MOTOR OIL

ID: 172299 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190601 **Active Permit:** true
CAS No: 8009-03-8 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLATUM (5655-0059-000154)
Common Name Inventory: PENRECO AMBER (PETROLATUM) CODE 4510

ID: 121904 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163976 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 172212 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190512 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ALUMINUX ETCHANT (4460-0030-000106)
Common Name Inventory: TANK E-2

ID: 172228 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190529 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B

ID: 172241 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190542 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0238-000234)
Common Name Inventory: MOBIL MIST LUBE #27

ID: 172285 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190587 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SODIUM HYPOCHLORITE 12.5% (4460-0209-002968)
Common Name Inventory: SODIUM HYPOCHLORITE 12.5%

ID: 172287 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190589 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: BENZENE PROPANOIC ACID (5655-0953-012974)
Common Name Inventory: MOBIL PEGASUS 1005 MOTOR OIL

ID: 172289 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190591 **Active Permit:** true
CAS No: 57-13-6 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: UREA
Common Name Inventory: (COGEN) UREA SOLUTION

ID: 172290 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190592 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 147389 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176749 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SODIUM NITRITE SOLUTION (5655-0736-006517 / 5655-0980-006517)
Common Name Inventory: (C-145, C-208) AQUA QUENCH 251B

ID: 147463 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151434 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 151 ASBESTOS CONTAINING WASTE
Common Name Inventory: ASBESTOS

ID: 147473 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151444 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE PAINT FILTERS
Common Name Inventory: WASTE PAINT FILTERS

ID: 307611 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263516 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: NAPHTHLENE (5655-0488-00198)
Common Name Inventory: MOBIL SHC #634

ID: 307621 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263526 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0081-000247)
Common Name Inventory: MOBIL VACTRA OIL NO. 2

ID: 307654 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263559 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: SODIUM BISULFITE (4460-0472-003186)
Common Name Inventory: SODIUM BISULFITE SOLUTION

ID: 172339 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164994 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301A (WASTE CHROMIC ACID)

ID: 307670 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234172 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE PAINT FILTERS
Common Name Inventory: WASTE PAINT FILTERS

ID: 307615 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263520 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0245-000169)
Common Name Inventory: MOBIL VACUOLINE 1405 OIL

ID: 307650 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263555 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 254471 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237202 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: 2-BUTOXYETHANOL (4490-0431-005081)
Common Name Inventory: MISSION SPRAY 93

ID: 254473 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237204 **Active Permit:** true
CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)
Common Name Inventory: ACETONE

ID: 112194 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136683 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) --
Common Name Inventory: BAG HOUSE FILTERS

ID: 147379 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176739 **Active Permit:** true
CAS No: 8012-95-1 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: MINERAL OIL (4460-1258-007392)
Common Name Inventory: MOBIL VACUOLINE 1409 OIL

ID: 254442 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237173 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: GAS OIL (5655-0084-000245)

Common Name Inventory: MOBIL VELOCITE OIL NO 6

ID: 254468 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237199 **Active Permit:** true
CAS No: 7664-93-9 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID (4015-0108-011593)
Common Name Inventory: T-102 SULFURIC ACID STORAGE TANK

ID: 254494 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208547 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307A (WASTE SOAP RINSEWATER)

ID: 254496 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208549 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE WATER 171 FILTER CAKE METAL SLUDGE
Common Name Inventory: WASTE FILTER CAKE

ID: 254509 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208562 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE SUMP SLUDGE

ID: 254411 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237142 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: FERRIC SULFATE (4490-0261-000108)
Common Name Inventory: TANK R-11, TURCO SMUT GO NCB (FERRIC SULFATE 19%)

ID: 254522 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208575 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303A FET WASTE WATER

ID: 254448 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237179 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0245-000169)
Common Name Inventory: MOBIL VACUOLINE 1405 OIL

ID: 112177 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161314 **Active Permit:** true
CAS No: 9016-87-9 **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: diphenylmethadiisocyanate, isomeres
Common Name Inventory: RELESTÂ® Hardener PUR 9

ID: 112197 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136686 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE LEAD DROSS

ID: 112087 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161223 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false

Chemical Name: CHROMIC ACID (4490-0544-010859)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 6 MAKEUP

ID: 112109 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161245 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0238-000234)
Common Name Inventory: MOBIL MIST LUBE #27

ID: 112118 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161255 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: TURCO 4215 NC-LT (4460-1732-005835)
Common Name Inventory: TANKS E-1, R-1 TURCO 4215 NC-LT

ID: 112139 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161276 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 112169 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161306 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM HYDROCARBON (6445-0017-010615)
Common Name Inventory: 669 NAPHTHA

ID: 254449 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237180 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0242-000171)
Common Name Inventory: MOBIL DTE 25 OIL

ID: 470566 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319724 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 470567 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319725 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 470576 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319734 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 470585 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319743 **Active Permit:** true
CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)
Common Name Inventory: ACETONE

ID: 2790 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124512 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ALUMINUX ETCHANT (4460-0030-000106)
Common Name Inventory: TANK E-2

ID: 2809 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124532 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: KOLENE
Common Name Inventory: C-45

ID: 121922 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163994 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, METAL CHIPS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, METAL CHIPS

ID: 470574 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319732 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 470588 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319746 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: TOLUENE (6445-0009-001354)
Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 470595 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286930 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) -
Common Name Inventory: LAB PACK - MERCURY

ID: 112077 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161212 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ALODINE 1500 (4060-0021-006326)
Common Name Inventory: CHROMATE CONVERSION COATING CONCENTRATE (FOR TANK E-10)

ID: 112106 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161242 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES 5655-0177-000533
Common Name Inventory: CIMFLO 20 STAMPING AND DRAWING OIL

ID: 112158 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161295 **Active Permit:** true
CAS No: 57-13-6 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: UREA
Common Name Inventory: (COGEN) UREA SOLUTION

ID: 112176 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161313 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS

ID: 2815 **Permit Status:** Permit Renewed

Child Record ID: DEH2016-HCHEM-0124538 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: CHEMICAL PROCESSING TANK F-4

ID: 2825 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124548 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)
Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 121896 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163968 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM
Common Name Inventory: MOBILMET 766 CUTTING OIL

ID: 254426 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237157 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: Tank E-2 (Sodium Hydroxide 0.5%)

ID: 2895 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124619 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS

ID: 254499 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208552 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) -
Common Name Inventory: LAB PACK - MERCURY

ID: 400764 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296647 **Active Permit:** true
CAS No: 7440-59-7 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 400780 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296663 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 400798 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296681 **Active Permit:** true
CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)
Common Name Inventory: ACETONE

ID: 254405 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237136 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: Tank F-10 (DILUTE CHROMIC ACID SEAL, CHROMIC ACID 0.1%)

ID: 400753 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296636 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 400802 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296685 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: diphenylmethadiisocyanate, isomeres
Common Name Inventory: RELESTÂ® Hardener PUR 9

ID: 121848 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163918 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-10

ID: 470580 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319738 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 470596 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286931 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE GRINDING DEBRIS

ID: 147435 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176796 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: LUBE OIL
Common Name Inventory: (COGEN) LUBE OIL

ID: 121958 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139382 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name Inventory:

ID: 147451 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176812 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS

ID: 147388 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176748 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-8

ID: 147392 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176752 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID
Common Name Inventory: F-8

ID: 147479 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0151450 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 04/04/2018 12:53:47 AM ***Trade Secret:*** false
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name Inventory: WASTE PAINT RELATED

ID: 121945 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HWAST-0139369 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) -
Common Name Inventory:

ID: 254500 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HWAST-0208553 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 03/03/2020 12:59:27 AM ***Trade Secret:*** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) --
Common Name Inventory: BAG HOUSE FILTERS

ID: 254407 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237138 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/03/2020 12:59:20 AM ***Trade Secret:*** false
Chemical Name: DIETHYLENE GLYCOL MONOBUTYL ETHER (4490-0504-008104)
Common Name Inventory: TURCO C NVT (DIETHYLENE GLYCOL MONOBUTYL ETHER 5.5%)

ID: 254443 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237174 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/03/2020 12:59:20 AM ***Trade Secret:*** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 112181 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161318 ***Active Permit:*** true
CAS No: 132259-10-0 ***Haz Material Type:*** Mixture
Last Updated: 11/09/2017 12:37:38 AM ***Trade Secret:*** false
Chemical Name: Air
Common Name Inventory: Air

ID: 112200 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HWAST-0136689 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 11/09/2017 12:37:44 AM ***Trade Secret:*** false
Chemical Name: WASTE 134 WASTE OIL & MIXED OIL*
Common Name Inventory: T-312 (WASTE MACHINE OIL)

ID: 254452 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237183 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/03/2020 12:59:20 AM ***Trade Secret:*** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)
Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 470581 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319739 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/08/2022 12:59:36 AM ***Trade Secret:*** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 470597 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2022-HWAST-0286932 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 03/08/2022 12:59:37 AM ***Trade Secret:*** false
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE

Common Name Inventory: WASTE PAINT/SOLVENTS

ID: 2794 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124517 **Active Permit:** true
CAS No: 98-56-6 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES (4460-1025-005932)
Common Name Inventory: TANK R-5 AC-815-O THINNER

ID: 112093 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161229 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED NONYLPHENOL
Common Name Inventory: E-1

ID: 112151 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161288 **Active Permit:** true
CAS No: 10043-52-4 **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CALCIUM CHLORIDE (4460-1346-008340)
Common Name Inventory: CALCIUM CHLORIDE

ID: 307580 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263485 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ALODINE 1200S (4060-0009-006327)
Common Name Inventory: TANK E-8 - ALODINE 1200S (Chromium VI Oxide 45%)

ID: 254425 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237156 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)
Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 254431 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237162 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: TALLOW (5655-0865-005822)
Common Name Inventory: POLYDRAW 660, FORMING LUBRICANT

ID: 121858 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163929 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 112113 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161249 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-8

ID: 112132 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161269 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0082-000170)
Common Name Inventory: MOBIL VACTRA OIL NO. 4

ID: 112174 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161311 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false

Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 121886 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163958 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM OIL (5655-0911-011665)
Common Name Inventory: MOBILGEAR 600 XP 320 BASE OIL & ADDITIVES

ID: 2854 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124578 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)
Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 2881 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124605 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: 2-BUTOXYETHANOL (4490-0431-005081)
Common Name Inventory: MISSION SPRAY 93

ID: 254477 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237208 **Active Permit:** true
CAS No: 8009-03-8 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLATUM (5655-0059-000154)
Common Name Inventory: PENRECO AMBER (PETROLATUM) CODE 4510

ID: 254493 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208546 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name Inventory: T-311 (WASTE COOLANT)

ID: 400751 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296634 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 254403 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237134 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0543-010858)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 16 REPLENISHER

ID: 121835 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163905 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES 5655-0177-000533
Common Name Inventory: CIMFLO 20 STAMPING AND DRAWING OIL

ID: 121836 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163906 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: plaster of paris (9310-9993-001205)
Common Name Inventory: ULTRACAL GYPSUM CEMENT

ID: 2863 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124587 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 121947 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139371 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name Inventory:

ID: 147373 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176733 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: NITIRC ACID
Common Name Inventory: R-11

ID: 121837 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163907 **Active Permit:** true
CAS No: 103-24-2 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: Dioctyl Azelate
Common Name Inventory: COMPRESSOR OIL, QUINSYN PLUS

ID: 121878 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163950 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 147403 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176764 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: GAS OIL (5655-0084-000245)
Common Name Inventory: MOBIL VELOCITE OIL NO 6

ID: 147408 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176769 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0211-000186)
Common Name Inventory: V LUBE B

ID: 147462 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151433 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307A (WASTE SOAP RINSEWATER)

ID: 147470 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151441 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE CHEMICAL BAGS

ID: 147415 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176776 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0081-000247)
Common Name Inventory: MOBIL VACTRA OIL NO. 2

ID: 147485 **Permit Status:** Permit Renewed

Child Record ID: DEH2018-HWAST-0151456 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name Inventory: T-302A (WASTE ACID)

ID: 147488 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151459 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302B (WASTE ACID)

ID: 172249 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190550 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID
Common Name Inventory: F-8

ID: 172303 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190605 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 172334 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164989 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) -
Common Name Inventory: CONTAMINATED RAGS

ID: 172215 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190516 **Active Permit:** true
CAS No: 98-56-6 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES (4460-1025-005932)
Common Name Inventory: TANK R-5 AC-815-O THINNER

ID: 172268 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190570 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 172283 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190585 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CAUSTIC SODA 50% LIQUID (4015-0106-011232)
Common Name Inventory: T-103 CAUSTIC STORAGE TANK

ID: 172310 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190612 **Active Permit:** true
CAS No: 132259-10-0 **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: Air
Common Name Inventory: Air

ID: 307596 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263501 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0238-000234)
Common Name Inventory: MOBIL MIST LUBE #27

ID: 307597 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263502 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)
Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 307614 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263519 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0211-000186)
Common Name Inventory: V LUBE B

ID: 147491 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151462 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303A FET WASTE WATER

ID: 147439 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176800 **Active Permit:** true
CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)
Common Name Inventory: ACETONE

ID: 172236 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190537 **Active Permit:** true
CAS No: 8012-95-1 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: MINERAL OIL (4460-1258-007392)
Common Name Inventory: MOBIL VACUOLINE 1409 OIL

ID: 172297 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190599 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL

ID: 172306 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190608 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS

ID: 307629 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263534 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 172329 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164984 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name Inventory: WASTE OIL SUMP SLUDGE

ID: 121854 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163925 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ALUMINUM OXIDE 80-240 GRIT
Common Name Inventory: FUSED ALUMINUM OXIDE 240 GRIT

ID: 121873 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163945 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 172346 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0165001 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307B (WASTE SOAP RINSEWATER)

ID: 121917 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163989 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SODIUM HYPOCHLORITE 12.5% (4460-0209-002968)
Common Name Inventory: SODIUM HYPOCHLORITE 12.5%

ID: 121937 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139361 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 121 CAUSTIC SOL'N WITH METALS*
Common Name Inventory:

ID: 121938 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139362 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name Inventory:

ID: 254398 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237129 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: AMINE MIXTURE (9310-0032-014069)
Common Name Inventory: PT2114A/B WHITE EPOXY RESIN & HARDENER (Bisphenol A Epoxy Resin 80%, Modified Amine Mixture 20%)

ID: 112195 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136684 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE CHEMICAL BAGS

ID: 112206 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136695 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) -
Common Name Inventory: CONTAMINATED RAGS

ID: 307626 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263531 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 307690 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234192 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N

Common Name Inventory: T-307B (WASTE SOAP RINSEWATER)

ID: 254441 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237172 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (5655-0157-001724)
Common Name Inventory: TAPMATIC CUTTING FLUID #2

ID: 147363 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176723 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-10

ID: 147367 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176727 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 147429 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176790 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SODIUM HYPOCHLORITE 12.5% (4460-0209-002968)
Common Name Inventory: SODIUM HYPOCHLORITE 12.5%

ID: 112083 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161219 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES SOLUTION (4460-1544-006692)
Common Name Inventory: TANK R-5 AC-818-O-30 MASK (W7-65C)

ID: 112092 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161228 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 112108 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161244 **Active Permit:** true
CAS No: 103-24-2 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: Dioctyl Azelate
Common Name Inventory: COMPRESSOR OIL, QUINSYN PLUS

ID: 112131 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161268 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM
Common Name Inventory: MOBILMET 766 CUTTING OIL

ID: 112145 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161282 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 147390 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176750 **Active Permit:** true
CAS No: 1313-82-2 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false

Chemical Name: SODIUM SULFIDE HYDRATED (4460-1502-010842)
Common Name Inventory: TANKS R-8, R-13 SODIUM SULFIDE FLAKES, HYDRATED

ID: 147423 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176784 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 147490 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151461 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name Inventory: WASTE 902 INFECTIOUS WASTE, SHARPS

ID: 470556 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319714 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 470598 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286933 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE SUMP SLUDGE

ID: 121841 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163911 **Active Permit:** true
CAS No: 124-38-9 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: DRY ICE SOLID BLOCKS (4460-0092-001294)
Common Name Inventory: DRY ICE

ID: 2782 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124504 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: 2-BUTANOL (862-01394-006194)
Common Name Inventory: PRIMER BASE 44GN060

ID: 121827 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163897 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: NITIRC ACID
Common Name Inventory: R-11

ID: 172206 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190506 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: 4-(2-NITROBUTYL) MORPHOLINE (5655-0633-002304)
Common Name Inventory: LUBRICOOLANT AC

ID: 172211 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190511 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ALUMINUM OXIDE 80-240 GRIT
Common Name Inventory: FUSED ALUMINUM OXIDE 240 GRIT

ID: 172278 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190580 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 172281 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190583 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ACETIC ACID, 56% DILUTION (4015-0123-016292)
Common Name Inventory: DILUTE ACETIC ACID

ID: 172291 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190593 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: LUBE OIL
Common Name Inventory: (COGEN) LUBE OIL

ID: 172333 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164988 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name Inventory: WASTE OILY ABSORBENT- PAPER

ID: 254414 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237145 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: NITIRC ACID
Common Name Inventory: Tank R-11 TURCO SMUT GO NCB (NITRIC ACID 8%)

ID: 254520 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208573 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302C (WASTE ACID)

ID: 254415 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237146 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: TANK E-4 (Nitric Acid 15%)

ID: 112070 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161205 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: LIQUID ARGON (4460-0103-006712)
Common Name Inventory: LIQUID ARGON

ID: 112071 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161206 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 112073 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161208 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: 4-(2-NITROBUTYL) MORPHOLINE (5655-0633-002304)
Common Name Inventory: LUBRICOOLANT AC

ID: 112085 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161221 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-8

ID: 112117 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161253 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID
Common Name Inventory: F-8

ID: 112150 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161287 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ACETIC ACID, 56% DILUTION (4015-0123-016292)
Common Name Inventory: DILUTE ACETIC ACID

ID: 112168 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161305 **Active Permit:** true
CAS No: 8009-03-8 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLATUM (5655-0059-000154)
Common Name Inventory: PENRECO AMBER (PETROLATUM) CODE 4510

ID: 2812 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124535 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: D-4

ID: 2852 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124576 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 2878 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124602 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 2888 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124612 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM HYDROCARBON (6445-0017-010615)
Common Name Inventory: 669 NAPHTHA

ID: 2893 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124617 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 470582 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319740 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 254503 **Permit Status:** Permit Renewed

Child Record ID: DEH2019-HWAST-0208556 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE LEAD DROSS

ID: 121855 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163926 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ALODINE 1500 (4060-0021-006326)
Common Name Inventory: CHROMATE CONVERSION COATING CONCENTRATE (FOR TANK E-10)

ID: 121839 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163909 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)
Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 121843 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163913 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-12

ID: 254406 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237137 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: Tank F-12 (DILUTE CHROMIC ACID 0.1%)

ID: 147456 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176817 **Active Permit:** true
CAS No: 132259-10-0 **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: Air
Common Name Inventory: Air

ID: 307587 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263492 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 121907 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163979 **Active Permit:** true
CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)
Common Name Inventory: ACETONE

ID: 121910 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163982 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1

ID: 121940 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139364 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 151 ASBESTOS CONTAINING WASTE
Common Name Inventory:

ID: 121950 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139374 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory:

ID: 400766 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296649 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 400768 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296651 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 400808 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264733 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE GRINDING DEBRIS

ID: 121853 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163924 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ALUMINUX ETCHANT (4460-0030-000106)
Common Name Inventory: TANK E-2

ID: 307609 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263514 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: GAS OIL (5655-0084-000245)
Common Name Inventory: MOBIL VELOCITE OIL NO 6

ID: 307643 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263548 **Active Permit:** true
CAS No: 108-10-1 **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1 - MIBK 61%/MEK39% SOLVENT

ID: 307646 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263551 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: SODIUM SILICATE SOLUTION (4490-0531-005752)
Common Name Inventory: AD-8B SUPER BEE 300LF

ID: 307649 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263554 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: 2-Ethylhexyl 7-oxabicyclo[4 1 0] heptane-3-carboxylate (824-98580-008597)
Common Name Inventory: SKYDROL 500 B-4 FIRE RESISTANT HYDRAULIC FLUID

ID: 307665 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234167 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) -
Common Name Inventory: LAB PACK - MERCURY

ID: 121857 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163928 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: ALIPHATIC HYDROCARBONS (STODDARD TYPE) (5655-0850-009823)
Common Name Inventory: TECTYL PRESERVATIVE OIL

ID: 2822 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124545 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: plaster of paris (9310-9993-001205)
Common Name Inventory: ULTRACAL GYPSUM CEMENT

ID: 2884 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124608 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: AMMONIUM BIFLUORIDE (4015-0013-006809)
Common Name Inventory: MF ACID

ID: 254511 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HWAST-0208564 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 03/03/2020 12:59:27 AM ***Trade Secret:*** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name Inventory: WASTE OILY ABSORBENT- PAPER

ID: 147404 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176765 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 147410 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176771 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: PETROLEUM DISTILLATES (5655-0242-000171)
Common Name Inventory: MOBIL DTE 25 OIL

ID: 147422 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176783 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 147424 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176785 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 307652 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263557 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: diphenylmethadiisocyanate, isomeres
Common Name Inventory: RELESTÂ® Hardener PUR 9

ID: 307658 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HWAST-0234160 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 01/30/2021 01:18:05 AM ***Trade Secret:*** false
Chemical Name: WASTE 121 WASTE CAUSTIC SOL'N WITH METALS

Common Name Inventory: T-306A (WASTE CAUSTIC)

ID: 307688 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234190 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303A FET WASTE WATER

ID: 147355 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176715 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: BORIC-SULFURIC ACID
Common Name Inventory: F-11

ID: 147430 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176791 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID (4015-0108-011593)
Common Name Inventory: T-102 SULFURIC STORAGE TANK

ID: 147395 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176756 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 307595 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263500 **Active Permit:** true
CAS No: 103-24-2 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: Dioctyl Azelate
Common Name Inventory: COMPRESSOR OIL, QUINSYN PLUS

ID: 307604 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263509 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 307641 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263546 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: AMMONIUM BIFLUORIDE (4015-0013-006809)
Common Name Inventory: MF ACID

ID: 307645 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263550 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM HYDROCARBON (6445-0017-010615)
Common Name Inventory: 669 NAPHTHA

ID: 147348 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176707 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: 4-(2-NITROBUTYL) MORPHOLINE (5655-0633-002304)
Common Name Inventory: LUBRICOOLANT AC

ID: 147432 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176793 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CARB DIESEL FUEL (BULK) (5655-0802-008577)
Common Name Inventory: DIESEL FUEL

ID: 147455 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176816 **Active Permit:** true
CAS No: 7446-09-5 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: Sulfur Dioxide
Common Name Inventory: Sulfur Dioxide

ID: 147382 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176742 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: plaster of paris (9310-9993-001205)
Common Name Inventory: ULTRACAL GYPSUM CEMENT

ID: 147393 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176754 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: TURCO 4215 NC-LT (4460-1732-005835)
Common Name Inventory: TANKS E-1, R-1 TURCO 4215 NC-LT

ID: 147402 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176763 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (5655-0157-001724)
Common Name Inventory: TAPMATIC CUTTING FLUID #2

ID: 147461 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151432 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name Inventory: T-311 (WASTE COOLANT)

ID: 112209 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136698 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 723 LIQUIDS W CHROMIUM - R
Common Name Inventory: T-301C (WASTE CHROMIC ACID)

ID: 254486 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237217 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: diethyl toluene diamine
Common Name Inventory: RELESTÂ® Air SF Maskant HC

ID: 112203 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136692 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE SUMP SLUDGE

ID: 112204 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136693 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name Inventory: WASTE PAINT RELATED

ID: 112208 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136697 **Active Permit:** true

CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name Inventory: CONTAMINATED SOIL

ID: 254393 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237124 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 254521 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208574 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name Inventory: WASTE 902 INFECTIOUS WASTE, SHARPS

ID: 254432 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237163 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: TURCO 4215 NC-LT (4460-1732-005835)
Common Name Inventory: TANK E-1, TURCO 4215 NC-LT (Borates, tetrasodium 50%, Sodium tripolyphosphate 40%)

ID: 112199 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136688 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name Inventory: WASTE PAINT/SOLVENTS

ID: 254429 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237160 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SODIUM TRIPOLYPHOSPHATE (4490-0030-000102)
Common Name Inventory: TANK E-2 ALUMINUX 202 (Sodium hydroxide 20%, Sodium tripolyphosphates 20%)

ID: 254434 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237165 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 112123 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161260 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 112125 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161262 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 112126 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161263 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 400748 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296631 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 470561 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319719 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)
Common Name Inventory: OXYGEN MG

ID: 254453 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237184 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 254456 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237187 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 112112 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161248 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-13

ID: 112155 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161292 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID (4015-0108-011593)
Common Name Inventory: T-102 SULFURIC STORAGE TANK

ID: 112164 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161301 **Active Permit:** true
CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)
Common Name Inventory: ACETONE

ID: 112154 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161291 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: SODIUM HYPOCHLORITE 12.5% (4460-0209-002968)
Common Name Inventory: SODIUM HYPOCHLORITE 12.5%

ID: 112163 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161300 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (4490-0450-003048)
Common Name Inventory: NABC NON-ACID BATH CLEANER

ID: 470603 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286938 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name Inventory: WASTE 902 INFECTIOUS WASTE, SHARPS

ID: 121823 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163893 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: FERRIC SULFATE (4490-0261-000108)
Common Name Inventory: TANKS R-3, R-11 TURCO SMUT GO NCB

ID: 470560 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319718 ***Active Permit:*** true
CAS No: 7440-59-7 ***Haz Material Type:*** Pure
Last Updated: 03/08/2022 12:59:36 AM ***Trade Secret:*** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 470563 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319721 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 03/08/2022 12:59:36 AM ***Trade Secret:*** false
Chemical Name: SULFURIZED ANIMAL FATTY ACID ALKYL ESTERS (5655-0020-001514)
Common Name Inventory: MOBILMET OMEGA

ID: 2792 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124515 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: BORIC-SULFURIC ACID
Common Name Inventory: F-11

ID: 2791 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124514 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: TURCO 4215 NCLT ALKALINE CLEANER
Common Name Inventory: R-1

ID: 2804 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124527 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 05/31/2017 01:28:41 AM ***Trade Secret:*** false
Chemical Name: ethoxylated alcohol (4490-0617-002673)
Common Name Inventory: Simple Green All-Purpose Cleaner

ID: 307577 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263482 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: 4-(2-NITROBUTYL) MORPHOLINE (5655-0633-002304)
Common Name Inventory: LUBRICOOLANT AC

ID: 400825 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2021-HWAST-0264750 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 12/28/2021 02:32:28 AM ***Trade Secret:*** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) -
Common Name Inventory: CONTAMINATED RAGS

ID: 400826 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2021-HWAST-0264751 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 12/28/2021 02:32:28 AM ***Trade Secret:*** false
Chemical Name: Tank & Piping Debris
Common Name Inventory: Decommissioning Tank & Piping Debris

ID: 121869 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163940 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Pure
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: SULFURIC ACID

Common Name Inventory: F-8

ID: 121824 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163894 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: GLYCERINE (5655-0797-008094)
Common Name Inventory: HOCUT 795-B

ID: 254505 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208558 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name Inventory: WASTE PAINT/SOLVENTS

ID: 307662 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234164 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 151 ASBESTOS CONTAINING WASTE
Common Name Inventory: ASBESTOS CONTAINING WASTE

ID: 2843 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124567 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (5655-0157-001724)
Common Name Inventory: TAPMATIC CUTTING FLUID #2

ID: 2806 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124529 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: FERRIC SULFATE (4490-0261-000108)
Common Name Inventory: TANKS R-3, R-11 TURCO SMUT GO NCB

ID: 2813 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124536 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: D-6

ID: 2821 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124544 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES 5655-0177-000533
Common Name Inventory: CIMFLO 20 STAMPING AND DRAWING OIL

ID: 2831 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124554 **Active Permit:** true
CAS No: 1313-82-2 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SODIUM SULFIDE HYDRATED (4460-1502-010842)
Common Name Inventory: TANKS R-8, R-13 SODIUM SULFIDE FLAKES, HYDRATED

ID: 2867 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124591 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ACETIC ACID, 56% DILUTION (4015-0123-016292)
Common Name Inventory: DILUTE ACETIC ACID

ID: 2897 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124621 **Active Permit:** true
CAS No: 68479-98-1 **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false

Chemical Name: diethyl toluene diamine
Common Name Inventory: RELESTÂ® Air SF Maskant HC

ID: 254461 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237192 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 254510 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208563 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name Inventory: WASTE PAINT RELATED

ID: 400784 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296667 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: HYDRAULIC FLUID (5655-0860-010141)
Common Name Inventory: BRAYCO MICRONIC 882

ID: 400794 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296677 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 400741 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296624 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (5655-0157-001724)
Common Name Inventory: TAPMATIC CUTTING FLUID #2

ID: 121864 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163935 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-13

ID: 121883 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163955 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 400761 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296644 **Active Permit:** true
CAS No: 8032-32-4 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0985-015027)
Common Name Inventory: MOBILGEAR 600 XP 150

ID: 400776 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296659 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL (5115-0019-009474)
Common Name Inventory: DOWFROST HEAT TRANSFER FLUID

ID: 121842 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163912 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: DIETHYLENE GLYCOL MONOBUTYL ETHER (4490-0504-008104)
Common Name Inventory: TURCO C NVT

ID: 121870 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163942 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: TURCO 4215 NC-LT (4460-1732-005835)
Common Name Inventory: TANKS E-1, R-1 TURCO 4215 NC-LT

ID: 121918 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163990 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID (4015-0108-011593)
Common Name Inventory: T-102 SULFURIC STORAGE TANK

ID: 121919 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163991 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: BENZENE PROPANOIC ACID (5655-0953-012974)
Common Name Inventory: MOBIL PEGASUS 1005 MOTOR OIL

ID: 121929 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0164001 **Active Permit:** true
CAS No: 68479-98-1 **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: diethyl toluene diamine
Common Name Inventory: RELESTÂ® Air SF Maskant HC

ID: 121939 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139363 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory:

ID: 172344 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164999 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303A FET WASTE WATER

ID: 172231 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190532 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: E-4

ID: 172235 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190536 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PARACHLOROBENZOTRIFLUORIDE
Common Name Inventory: R-5

ID: 307673 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234175 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name Inventory: WASTE OIL SUMP SLUDGE

ID: 121923 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163995 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, RINSE WATER FROM CHEM PROCESS

ID: 172218 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190519 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-8

ID: 172219 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190520 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0543-010858)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 16 REPLENISHER

ID: 172259 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190561 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (5655-0157-001724)
Common Name Inventory: TAPMATIC CUTTING FLUID #2

ID: 172325 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164980 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE LEAD DROSS

ID: 172328 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164983 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 134 WASTE OIL & MIXED OIL*
Common Name Inventory: T-312 (WASTE MACHINE OIL)

ID: 172330 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164985 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 241 TANK BOTTOM WASTE
Common Name Inventory: WASTE TANK BOTTOM SLUDGE

ID: 172340 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164995 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301B (WASTE CHROMIC ACID)

ID: 121946 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139370 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) --
Common Name Inventory:

ID: 172240 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190541 **Active Permit:** true
CAS No: 103-24-2 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: Dioctyl Azelate
Common Name Inventory: COMPRESSOR OIL, QUINSYN PLUS

ID: 172255 **Permit Status:** Permit Renewed

Child Record ID: DEH2018-HCHEM-0190557 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 172256 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190558 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 172261 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190563 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: MOBIL DTE OIL EXTRA HEAVY (5655-0026-000250)
Common Name Inventory: MOBIL DTE OIL EXTRA HEAVY

ID: 172292 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190594 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 172300 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190602 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM HYDROCARBON (6445-0017-010615)
Common Name Inventory: 669 NAPHTHA

ID: 147375 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176735 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: CHEMICAL PROCESSING TANK F-4

ID: 172342 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164997 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-302C (WASTE ACID)

ID: 307638 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263543 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: 2-BUTOXYETHANOL (4490-0431-005081)
Common Name Inventory: MISSION SPRAY 93

ID: 172262 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190564 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: NAPHTHLENE (5655-0488-00198)
Common Name Inventory: MOBIL SHC #634

ID: 172273 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190575 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 307617 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263522 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 307618 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263523 ***Active Permit:*** true
CAS No: 64742-54-7 ***Haz Material Type:*** Pure
Last Updated: 01/30/2021 01:18:03 AM ***Trade Secret:*** false
Chemical Name: PETROLEUM OIL (5655-0911-011665)
Common Name Inventory: MOBILGEAR 600 XP 320 BASE OIL & ADDITIVES

ID: 147360 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176720 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: CHROMIC ACID
Common Name Inventory: E-8

ID: 121903 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163975 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: LUBE OIL
Common Name Inventory: (COGEN) LUBE OIL

ID: 121920 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163992 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: 2-Ethylhexyl 7-oxabicyclo[4 1 0] heptane-3-carboxylate (824-98580-008597)
Common Name Inventory: SKYDROL 500 B-4 FIRE RESISTANT HYDRAULIC FLUID

ID: 121935 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HWAST-0139359 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: WASTE MACHINING COOLANT
Common Name Inventory:

ID: 121891 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163963 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: CASTING PLASTER REG (9310-9960-001206)
Common Name Inventory: CASTING PLASTER REG

ID: 121905 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163977 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/28/2017 02:31:53 AM ***Trade Secret:*** false
Chemical Name: 2-BUTOXYETHANOL (4490-0431-005081)
Common Name Inventory: MISSION SPRAY 93

ID: 147376 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176736 ***Active Permit:*** true
CAS No: ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: NITRIC ACID
Common Name Inventory: R-3

ID: 147453 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176814 ***Active Permit:*** true
CAS No: 68479-98-1 ***Haz Material Type:*** Mixture
Last Updated: 04/04/2018 12:53:43 AM ***Trade Secret:*** false
Chemical Name: diethyl toluene diamine

Common Name Inventory: RELESTÂ® Air SF Maskant HC

ID: 147457 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151428 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name Inventory: WASTE 901 INFECTIOUS WASTE, GENERAL

ID: 147398 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176759 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 112210 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136699 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name Inventory: T-302A (WASTE ACID)

ID: 147411 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176772 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 147436 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176797 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 147446 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176807 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: TOLUENE (6445-0009-001354)
Common Name Inventory: BRUSH WASH SOL RX-3500

ID: 147452 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176813 **Active Permit:** true
CAS No: 9016-87-9 **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: diphenylmethadiisocyanate, isomeres
Common Name Inventory: RELESTÂ® Hardener PUR 9

ID: 307599 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263504 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: TALLOW (5655-0865-005822)
Common Name Inventory: POLYDRAW 660, FORMING LUBRICANT

ID: 147378 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176738 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PARACHLOROBENZOTRIFLUORIDE
Common Name Inventory: R-5

ID: 147384 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176744 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture

Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0238-000234)
Common Name Inventory: MOBIL MIST LUBE #27

ID: 147460 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151431 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 121 CAUSTIC SOL'N WITH METALS*
Common Name Inventory: T-306B (WASTE CAUSTIC)

ID: 147396 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176757 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 147476 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151447 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name Inventory: WASTE OIL SUMP SLUDGE

ID: 147416 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176777 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 147484 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151455 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 723 LIQUIDS W CHROMIUM - R
Common Name Inventory: T-301C (WASTE CHROMIC ACID)

ID: 112107 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161243 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: plaster of paris (9310-9993-001205)
Common Name Inventory: ULTRACAL GYPSUM CEMENT

ID: 112133 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161270 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0211-000186)
Common Name Inventory: V LUBE B

ID: 112142 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161279 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CASTING PLASTER REG (9310-9960-001206)
Common Name Inventory: CASTING PLASTER REG

ID: 112146 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161283 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 254512 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208565 **Active Permit:** true

CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) -
Common Name Inventory: CONTAMINATED RAGS

ID: 112212 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136701 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory: T-301B (WASTE CHROMIC ACID)

ID: 147417 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176778 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: CASTING PLASTER REG (9310-9960-001206)
Common Name Inventory: CASTING PLASTER REG

ID: 112187 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136676 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: T-307A (WASTE SOAP RINSEWATER)

ID: 112191 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136680 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE SAND

ID: 254392 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237123 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: 4-(2-NITROBUTYL) MORPHOLINE (5655-0633-002304)
Common Name Inventory: LUBRICOOLANT AC

ID: 254394 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237125 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (STODDARD TYPE) (5655-0850-009823)
Common Name Inventory: TECTYL PRESERVATIVE OIL

ID: 254435 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237166 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 254390 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237121 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PROPANE LIQUID (5655-0655-003121 / 4460-1189-003121)
Common Name Inventory: PROPANE

ID: 112089 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161225 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-12

ID: 147449 **Permit Status:** Permit Renewed

Child Record ID: DEH2018-HCHEM-0176810 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PROPYLENE GLYCOL PHENYL ETHER (4490-0433-001472)
Common Name Inventory: BUCKEYE WORKOUT

ID: 254410 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237141 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED NONYLPHENOL
Common Name Inventory: Tank E-1 (BORAX SOLUTION, ETHOXYLATED NONYLPHENOL)

ID: 112096 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161232 **Active Permit:** true
CAS No: 7440-59-7 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: HELIUM (4460-0105-012301 / 4460-0251-001766 / 4592-0109-014835)
Common Name Inventory: HELIUM

ID: 112137 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161274 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM OIL (5655-0911-011665)
Common Name Inventory: MOBILGEAR 600 XP 320 BASE OIL & ADDITIVES

ID: 112172 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161309 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 112173 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161310 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: 2-Ethylhexyl 7-oxabicyclo[4 1 0] heptane-3-carboxylate (824-98580-008597)
Common Name Inventory: SKYDROL 500 B-4 FIRE RESISTANT HYDRAULIC FLUID

ID: 254470 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237201 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 112135 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161272 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0242-000171)
Common Name Inventory: MOBIL DTE 25 OIL

ID: 112162 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161299 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: 2-BUTOXYETHANOL (4490-0431-005081)
Common Name Inventory: MISSION SPRAY 93

ID: 112165 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161302 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: AMMONIUM BIFLUORIDE (4015-0013-006809)
Common Name Inventory: MF ACID

ID: 400747 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296630 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0211-000186)
Common Name Inventory: V LUBE B

ID: 254444 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237175 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: NAPHTHLENE (5655-0488-00198)
Common Name Inventory: MOBIL SHC #634

ID: 470575 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319733 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 307664 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234166 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE SAND

ID: 254488 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237219 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: Air
Common Name Inventory: Air

ID: 470557 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319715 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 470600 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286935 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name Inventory: WASTE OILY ABSORBENT- PAPER

ID: 121838 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163908 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: REFINED MINERAL OIL (5655-0238-000234)
Common Name Inventory: MOBIL MIST LUBE #27

ID: 2801 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124524 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-12

ID: 470569 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319727 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 470601 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286936 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) -
Common Name Inventory: WASTE CONTAMINATED RAGS & GLOVES

ID: 254489 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208542 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name Inventory: WASTE 901 INFECTIOUS WASTE, GENERAL

ID: 400774 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296657 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: PETROLEUM OIL (5655-0911-011665)
Common Name Inventory: MOBILGEAR 600 XP 320 BASE OIL & ADDITIVES

ID: 400779 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296662 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0300-001765)
Common Name Inventory: ARGON 6 PACK (1200 CU FT)

ID: 400782 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296665 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: BACTERIAL CONCENTRATE (4490-0480-006962)
Common Name Inventory: D-STROY

ID: 470602 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286937 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 611 CONTAMINATED SOIL
Common Name Inventory: CONTAMINATED SOIL

ID: 2793 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124516 **Active Permit:** true
CAS No: 8001-79-4 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: CASTOR OIL (5655-0161-002569)
Common Name Inventory: USP CASTOR OIL

ID: 254460 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237191 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED ALCOHOLS (4490-0380-003218)
Common Name Inventory: GREASE-B-GONE

ID: 254469 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237200 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 400757 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296640 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: secondary alcohol ethoxylate (5850-0013-001184)

Common Name Inventory: P-1 ZYGLO PENE ZL-67

ID: 2840 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124564 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 2850 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124574 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0245-000169)
Common Name Inventory: MOBIL VACUOLINE 1405 OIL

ID: 2851 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124575 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0242-000171)
Common Name Inventory: MOBIL DTE 25 OIL

ID: 2900 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124624 **Active Permit:** true
CAS No: 132259-10-0 **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: Air
Common Name Inventory: Air

ID: 2819 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124542 **Active Permit:** true
CAS No: 8012-95-1 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: MINERAL OIL (4460-1258-007392)
Common Name Inventory: MOBIL VACUOLINE 1409 OIL

ID: 172345 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0165000 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303B FET WASTE WATER

ID: 172208 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190508 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (STODDARD TYPE) (5655-0850-009823)
Common Name Inventory: TECTYL PRESERVATIVE OIL

ID: 172238 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190539 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES 5655-0177-000533
Common Name Inventory: CIMFLO 20 STAMPING AND DRAWING OIL

ID: 172266 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190568 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0245-000169)
Common Name Inventory: MOBIL VACUOLINE 1405 OIL

ID: 172338 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164993 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false

Chemical Name: WASTE 791 LIQUIDS WITH PH <OR= 2
Common Name Inventory: T-302A (WASTE ACID)

ID: 2823 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124546 **Active Permit:** true
CAS No: 103-24-2 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: Dioctyl Azelate
Common Name Inventory: COMPRESSOR OIL, QUINSYN PLUS

ID: 172221 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190522 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-10

ID: 172232 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190533 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: CHEMICAL PROCESSING TANK F-4

ID: 172251 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190553 **Active Permit:** true
CAS No: 1302-62-1 **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: GARNET
Common Name Inventory: ABRASIVE 120-180 GRIT

ID: 172280 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190582 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 172286 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190588 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID (4015-0108-011593)
Common Name Inventory: T-102 SULFURIC STORAGE TANK

ID: 172315 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164970 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name Inventory: T-311 (WASTE COOLANT)

ID: 2894 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124618 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: EXCLUDED RECYCLABLE MATERIAL, METAL CHIPS
Common Name Inventory: EXCLUDED RECYCLABLE MATERIAL, METAL CHIPS

ID: 2896 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124620 **Active Permit:** true
CAS No: 9016-87-9 **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: diphenylmethadiisocyanate, isomeres
Common Name Inventory: RELESTÂ® Hardener PUR 9

ID: 121850 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163920 **Active Permit:** true
CAS No: 98-56-6 **Haz Material Type:** Pure

Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES (4460-1025-005932)
Common Name Inventory: TANK R-5 AC-815-O THINNER

ID: 121828 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163898 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: E-4

ID: 2814 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124537 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: NITRIC ACID
Common Name Inventory: E-4

ID: 2842 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124566 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 2848 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124572 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0082-000170)
Common Name Inventory: MOBIL VACTRA OIL NO. 4

ID: 2866 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124590 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 2899 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124623 **Active Permit:** true
CAS No: 7446-09-5 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: Sulfur Dioxide
Common Name Inventory: Sulfur Dioxide

ID: 307656 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234158 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name Inventory: WASTE 901 INFECTIOUS WASTE, GENERAL

ID: 307676 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234178 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name Inventory: WASTE PAINT RELATED

ID: 307681 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0234183 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/30/2021 01:18:05 AM **Trade Secret:** false
Chemical Name: WASTE 723 LIQUIDS W CHROMIUM - R
Common Name Inventory: T-301C (WASTE CHROMIC ACID)

ID: 121914 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163986 **Active Permit:** true

CAS No: 10043-52-4 **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CALCIUM CHLORIDE (4460-1346-008340)
Common Name Inventory: CALCIUM CHLORIDE

ID: 121930 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0164002 **Active Permit:** true
CAS No: 7632-90-5 **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: SODIUM BISULFITE (4460-0472-003186)
Common Name Inventory: SODIUM BISULFITE SOLUTION

ID: 172270 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190572 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)
Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 172337 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164992 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 723 LIQUIDS W CHROMIUM - R
Common Name Inventory: T-301C (WASTE CHROMIC ACID)

ID: 121851 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163921 **Active Permit:** true
CAS No: 8001-79-4 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CASTOR OIL (5655-0161-002569)
Common Name Inventory: USP CASTOR OIL

ID: 121880 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163952 **Active Permit:** true
CAS No: 64742-47-8 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: KEROSENE ODORLESS (5655-0950-011892)
Common Name Inventory: CALUMET 420-460 (KEROSENE)

ID: 400817 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264742 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: Dilute Waste Water
Common Name Inventory: Dilute Waste Water

ID: 400820 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264745 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name Inventory: WASTE OIL SUMP SLUDGE

ID: 121953 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139377 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Common Name Inventory:

ID: 172343 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164998 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name Inventory: WASTE 902 INFECTIOUS WASTE, SHARPS

ID: 121846 **Permit Status:** Permit Renewed

Child Record ID: DEH2017-HCHEM-0163916 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID (4490-0543-010858)
Common Name Inventory: TANK E-4 TURCO DEOXIDIZER 16 REPLENISHER

ID: 121877 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163949 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: NITROGEN (4460-0094-002034 / 4460-0454-002034 / 4460-0454-002034 / 4460-0250-002034 / 4460-1302-002058)
Common Name Inventory: NITROGEN

ID: 147458 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151429 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE MACHINING COOLANT
Common Name Inventory: WASTE MACHINING COOLANT

ID: 147466 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151437 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE SAND

ID: 147467 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151438 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE LASER JET FILTERS

ID: 147471 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151442 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE GRINDING DEBRIS

ID: 121893 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163965 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: MICROBIOCIDE (504 LB DRUM) (4460-0544-008608)
Common Name Inventory: MICROBIOCIDE

ID: 121908 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163980 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: AMMONIUM BIFLUORIDE (4015-0013-006809)
Common Name Inventory: MF ACID

ID: 172223 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190524 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: DIETHYLENE GLYCOL MONOBUTYL ETHER (4490-0504-008104)
Common Name Inventory: TURCO C NVT

ID: 172243 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190544 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: E-2

ID: 172307 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190609 **Active Permit:** true
CAS No: 9016-87-9 **Haz Material Type:** Mixture
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: diphenylmethadiisocyanate, isomeres
Common Name Inventory: RELESTÂ® Hardener PUR 9

ID: 172323 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0164978 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/24/2019 02:33:34 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE CHEMICAL BAGS

ID: 121894 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163966 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 121912 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163984 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: DIGLYCOLAMINE (6445-0102-000276)
Common Name Inventory: ARDROX 7050-W

ID: 121916 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163988 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: NITRIC ACID (4015-0028-011253)
Common Name Inventory: T-101 NITRIC ACID STORAGE TANK

ID: 121934 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139358 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 901 INFECTIOUS WASTE, GENERAL
Common Name Inventory:

ID: 307586 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263491 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: DRY ICE SOLID BLOCKS (4460-0092-001294)
Common Name Inventory: DRY ICE

ID: 307625 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263530 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: 2% OXYGEN IN ARGON 4460-0142-007813
Common Name Inventory: 1-8% OXYGEN IN ARGON

ID: 307635 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263540 **Active Permit:** true
CAS No: 7664-93-9 **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: SULFURIC ACID (4015-0108-011593)
Common Name Inventory: T-102 SULFURIC ACID STORAGE TANK

ID: 307640 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263545 **Active Permit:** true
CAS No: 67-64-1 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: ACETONE (6445-0261-011937/6445-0029-011937)

Common Name Inventory: ACETONE

ID: 147409 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176770 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0245-000169)
Common Name Inventory: MOBIL VACUOLINE 1405 OIL

ID: 121960 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0139384 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS*
Common Name Inventory:

ID: 112196 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0136685 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/09/2017 12:37:44 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)*
Common Name Inventory: WASTE GRINDING DEBRIS

ID: 307616 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263521 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0242-000171)
Common Name Inventory: MOBIL DTE 25 OIL

ID: 307636 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263541 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: CHEVRON DELO 400 (5655-0814-008934)
Common Name Inventory: CHEVRON DELO 400

ID: 254476 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237207 **Active Permit:** true
CAS No: 108-10-1 **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1 - MIBK 61%/MEK39% SOLVENT

ID: 254420 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237151 **Active Permit:** true
CAS No: 8032-32-4 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0985-015027)
Common Name Inventory: MOBILGEAR 600 XP 150

ID: 254423 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237154 **Active Permit:** true
CAS No: 103-24-2 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: Dioctyl Azelate
Common Name Inventory: COMPRESSOR OIL, QUINSYN PLUS

ID: 147443 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176804 **Active Permit:** true
CAS No: 8009-03-8 **Haz Material Type:** Pure
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: PETROLATUM (5655-0059-000154)
Common Name Inventory: PENRECO AMBER (PETROLATUM) CODE 4510

ID: 147399 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176760 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false

Chemical Name: 2-PROPANOL (4490-0498-007895)
Common Name Inventory: ARDROX 5529

ID: 112121 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161258 **Active Permit:** true
CAS No: 7727-37-9 **Haz Material Type:** Pure
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: NITROGEN (4592-0070-012009 / 4460-0107-002034)
Common Name Inventory: LIQUID NITROGEN

ID: 112160 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161297 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: LUBE OIL
Common Name Inventory: (COGEN) LUBE OIL

ID: 147474 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151445 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name Inventory: WASTE PAINT/SOLVENTS

ID: 147492 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0151463 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/04/2018 12:53:47 AM **Trade Secret:** false
Chemical Name: WASTE WATER WITH METALS
Common Name Inventory: T-303B FET WASTE WATER

ID: 470568 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319726 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol (4460-0290-000104)
Common Name Inventory: ANTI-FREEZE COOLANT TEXACO 02353

ID: 254497 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208550 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 171 METAL SLUDGE
Common Name Inventory: WATER JET SAND

ID: 254498 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208551 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name Inventory: WASTE SAND

ID: 254506 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208559 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 134 WASTE OIL & MIXED OIL*
Common Name Inventory: T-312 (WASTE MACHINE OIL)

ID: 254507 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0208560 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/03/2020 12:59:27 AM **Trade Secret:** false
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name Inventory: WASTE OIL SUMP SLUDGE

ID: 400752 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296635 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure

Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 470599 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0286934 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/08/2022 12:59:37 AM **Trade Secret:** false
Chemical Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE
Common Name Inventory: WASTE PAINT RELATED

ID: 2784 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124506 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: ACETYLENE (4460-0133-012223)
Common Name Inventory: ACETYLENE

ID: 254474 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237205 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: AMMONIUM BIFLUORIDE (4015-0013-006809)
Common Name Inventory: MF ACID

ID: 254475 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237206 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL 99%

ID: 112079 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161214 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: ALUMINUX ETCHANT (4460-0030-000106)
Common Name Inventory: TANK E-2

ID: 400800 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296683 **Active Permit:** true
CAS No: 67-63-0 **Haz Material Type:** Pure
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: ISOPROPYL ALCOHOL (6445-0052-010892)
Common Name Inventory: ISOPROPYL ALCOHOL 99%

ID: 400801 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0296684 **Active Permit:** true
CAS No: 108-10-1 **Haz Material Type:** Mixture
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1 - MIBK 61%/MEK39% SOLVENT

ID: 400812 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264737 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER) -
Common Name Inventory: LAB PACK - MERCURY

ID: 2803 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124526 **Active Permit:** true
CAS No: 124-38-9 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: DRY ICE SOLID BLOCKS (4460-0092-001294)
Common Name Inventory: DRY ICE

ID: 112080 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161216 **Active Permit:** true

CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: BORIC-SULFURIC ACID
Common Name Inventory: F-11

ID: 112103 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161239 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PARACHLOROBENZOTRIFLUORIDE
Common Name Inventory: R-5

ID: 112136 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161273 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0696-005002)
Common Name Inventory: MOBIL DTE 26 OIL

ID: 254436 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237167 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 254451 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237182 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: PETROLEUM OIL (5655-0911-011665)
Common Name Inventory: MOBILGEAR 600 XP 320 BASE OIL & ADDITIVES

ID: 112088 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161224 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CHROMIC ACID DILUTE
Common Name Inventory: F-10

ID: 112152 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0161289 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 11/09/2017 12:37:38 AM **Trade Secret:** false
Chemical Name: CAUSTIC SODA 50% LIQUID (4015-0106-011232)
Common Name Inventory: T-103 CAUSTIC STORAGE TANK

ID: 147448 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0176809 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 04/04/2018 12:53:43 AM **Trade Secret:** false
Chemical Name: 2-Ethylhexyl 7-oxabicyclo[4 1 0] heptane-3-carboxylate (824-98580-008597)
Common Name Inventory: SKYDROL 500 B-4 FIRE RESISTANT HYDRAULIC FLUID

ID: 2828 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124551 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: SODIUM HYDROXIDE
Common Name Inventory: R-13

ID: 2857 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124581 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM (5655-0207-000995)
Common Name Inventory: MOBIL MULTI-PURPOSE ATF OIL

ID: 2880 **Permit Status:** Permit Renewed

Child Record ID: DEH2016-HCHEM-0124604 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: PETROLEUM DISTILLATES (5655-0640-000254)
Common Name Inventory: MOBIL DTE 24 OIL

ID: 121822 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163892 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ETHOXYLATED NONYLPHENOL
Common Name Inventory: E-1

ID: 307582 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263487 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: AMINE MIXTURE (9310-0032-014069)
Common Name Inventory: PT2114A/B WHITE EPOXY RESIN & HARDENER (Bisphenol A Epoxy Resin 80%, Modified Amine Mixture 20%)

ID: 470587 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0319745 **Active Permit:** true
CAS No: 108-10-1 **Haz Material Type:** Mixture
Last Updated: 03/08/2022 12:59:36 AM **Trade Secret:** false
Chemical Name: MIBK/MEK SOLVENT (6445-0092-004341)
Common Name Inventory: ROHR SOLVENT BLEND 1 - MIBK 61%/MEK39% SOLVENT

ID: 2838 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124562 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: OXYGEN (4460-0093-002914)
Common Name Inventory: OXYGEN

ID: 2844 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0124568 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 05/31/2017 01:28:41 AM **Trade Secret:** false
Chemical Name: GAS OIL (5655-0084-000245)
Common Name Inventory: MOBIL VELOCITE OIL NO 6

ID: 254402 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237133 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES SOLUTION (4460-1544-006692)
Common Name Inventory: TANK R-5 AC-818-O-30 MASK (W7-65C) (CHLOROBENZOTRIFLUORIDES)

ID: 121849 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163919 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: CHLOROBENZOTRIFLUORIDES SOLUTION (4460-1544-006692)
Common Name Inventory: TANK R-5 AC-818-O-30 MASK (W7-65C)

ID: 121881 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163953 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: ALIPHATIC HYDROCARBONS (5655-0157-001724)
Common Name Inventory: TAPMATIC CUTTING FLUID #2

ID: 121887 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0163959 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 12/28/2017 02:31:53 AM **Trade Secret:** false
Chemical Name: POLYALPHAOLEFIN (5655-0946-012883)
Common Name Inventory: LUBRIPLATE SYN LUBE HD 220

ID: 307590 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263495 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: OXYGEN 6 PACK (4460-1301-002057)
Common Name Inventory: OXYGEN MG

ID: 307594 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0263499 **Active Permit:** true
CAS No: **Haz Material Type:** Mixture
Last Updated: 01/30/2021 01:18:03 AM **Trade Secret:** false
Chemical Name: plaster of paris (9310-9993-001205)
Common Name Inventory: ULTRACAL GYPSUM CEMENT

ID: 254481 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0237212 **Active Permit:** true
CAS No: 7440-37-1 **Haz Material Type:** Pure
Last Updated: 03/03/2020 12:59:20 AM **Trade Secret:** false
Chemical Name: ARGON (4460-0113-001765)
Common Name Inventory: ARGON "T" CYLINDERS (300 FT3)

ID: 400809 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0264734 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/28/2021 02:32:28 AM **Trade Secret:** false
Chemical Name: WASTE MACHINING COOLANT
Common Name Inventory: WASTE MACHINING COOLANT

Hazardous Materials Inspection Violations

Container Tank ID: **Inspection No:** 4087639
Facility ID No: 37-000-102457 **Inspection Type:** Routine
ID: 1247 **Inspection Date:** 08/12/2013 12:00:00 AM
UST ID: **Compliance Date:** 08/13/2013 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 03/08/2022 12:59:34 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Waste Generator
Violation Classification: Class II
Violation Code: HMD0235 Did not accumulate waste in container or tank. 66262.34(a)(1).

Container Tank ID: **Inspection No:** 5200783
Facility ID No: 37-000-102457 **Inspection Type:** Routine
ID: 1248 **Inspection Date:** 11/05/2015 11:53:00 AM
UST ID: **Compliance Date:** 02/29/2016 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 03/08/2022 12:59:34 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Minor
Violation Code: 1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a), (d)

HMD Permits Map Data

GIS Facility ID: 37-000-102457 **Status:**
GIS CERS ID: 10123903 **ER Contact:** 619-788-9571
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility **ER Con Work Ph:** 619-691-4279
Per Type: **Census Tract:** 126.00
Per Sub Type: **Parcel Zip:** 91910
Per Cat: **Community:** Chula Vista
Record Status: Permit Renewed **Jurisdiction:** CHULA VISTA
HW Tier: Not Applicable **Basin No:** 909.12
LRG QTY MW Gener: No **BOS Dist:** 1
EPA ID No: CAD008382053 **Tbpg Grid:**
RMP CAL ARP: Not Applicable **Insp Dist:** HS104
Tank Owner: **Feature ID:** 5670220100
SIC Code: 3728 **X Coord:** 6300084.1
NAICS Code: 336413 **Y Coord:** 1811927.318

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Disclose Qty Haz Mat:	Y	**Kiva Per Typ:**	HK07 102457
Exp Date:	1/30/2021	**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6300084.09999999
UST Facility:		**Point Y:**	1811927.31800002
Total No USTs:	20	**Lat GS84:**	32.6350278
No of Tanks:		**Lon GS84:**	-117.0996347
Own Oper APS:	Y	**Loc Name:**	
Tot APSA Cap:	10872	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	Y	**Side:**	
Recycle100:	Y	**X Map Coord:**	-117.09966517247798
Onsite Haz Waste Tre:	N	**Y Map Coord:**	32.63510646765265
RCRA LRG Qty:	Y	**User Fld:**	
Haz Wst Coll Site:	N	**Addr Type:**	
Accept Offs:	N	**ARC Address:**	
Universal Waste Han:	N	**ARC City:**	
Toxic Gas:	Yes	**ARC Zipcode:**	
Hazmat EHS:	N	**ARC State:**	
Hazmat Rad:	No	**ARC APN:**	
Haz Waste Rad:	N	**Zip:**	
Haz Waste EHS:	N	**Farm Nursery:**	
Full Name:	ROHR INC., A COLLINS AEROSPACE	**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:	619-691-4111	**Bill Code 2:**	Not Applicable
Site Address:	850 Lagoon Dr	**Bill Code 3:**	Not Applicable
Parcel No:	567-022-01-00	**Univ Waste Gen Type:**	

Record Ali:	Unified Program Facility Permit
Address:	850 LAGOON DR
Business Type:	Manufacturing-Large Multi-Day Inspection
Bill Code:	Not Applicable
ER Con Name:	RICHARD SIORDIA
ER Con Title:	MANAGER, ENVIRONMENTAL
Water Purv:	CHULA VISTA
Fire Agency:	CHULA VISTA
Geo SRC:	Mapped to record APN/Parcel XY center
Match Addr:	
Hirt Flag:	Yes
Frhmbp Report Filename:	HMBP102457.pdf
Frhmbp Sitemap Filename:	MAP_102457.pdf

18	18 of 29	WNW	0.11 / 585.90	21.02 / 3	**ROHR, INC. DBA GOODRICH** **850 LAGOON DR.** **CHULA VISTA CA 91910-2098**	PCB

Site ID:	CAD008382053	**Mail Address 1:**	850 LAGOON DR., MZ 1-T
Receive Date:		**Mail Address 2:**	
Generator:	Yes	**Mail Street No:**	
Storer:	No	**Mail City:**	CHULA VISTA
Transporter:	No	**Mail State:**	CA
Disposer:	No	**Mail Zip:**	91910-2098
Research:	No	**Mail Country:**	US
Smelter:	No	**Contact Name:**	RICHARD SIORDIA
Cert Title:		**Contact Title:**	
Cert Date:	6/9/2005 12:00:00 AM	**Contact Phone:**	619-691-4279
Cert Name:		**Contact Phone Ext:**	
Location Country:	US	**Contact Email:**	
State Name:	CALIFORNIA	**Owner Name:**	ROHR, INC.
Region:	09		

18	19 of 29	WNW	0.11 / 585.90	21.02 / 3	**ROHR INC., A COLLINS AEROSPACE COMPANY** **850 Lagoon Dr** **Chula Vista CA 91910**	UST

Facility ID:	37-000-102457	**Latitude:**	32.6304121
CERS ID:	10123903	**Longitude:**	-117.0997095

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County: San Diego
Permitting Agency: San Diego County Department of Environmental Health
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search

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18	20 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INDUSTRIES 850 LAGOON DR CHULA VISTA CA 91910	EMISSIONS

2001 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	33.77
CO:	37	**ROGT:**	18.67
Air Basin:	SD	**COT:**	4.02
District:	SD	**NOXT:**	9.43
COID:	SD	**SOXT:**	.06
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	2.32
CHAPIS:	Y	**PM10T:**	2.32

2001 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	Y
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:	8		
Non-Cancer Chronic Haz Ind:	0		
Non-Cancer Acute Haz Ind:			

18	21 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INC 850 LAGOON DR CHULA VISTA CA 91910	EMISSIONS

2004 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	41.555585
CO:	37	**ROGT:**	21.4501745
Air Basin:	SD	**COT:**	7.5631935
District:	SD	**NOXT:**	9.021676
COID:	SD	**SOXT:**	.0501088065
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	2.46646052510592814476104504298212044466
CHAPIS:	Y	**PM10T:**	2.264046564

2004 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	Y
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:	8		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2005 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	41.555585
CO:	37	***ROGT:***	21.4501745
Air Basin:	SD	***COT:***	7.5631935
District:	SD	***NOXT:***	9.021676
COID:	SD	***SOXT:***	.0501088065
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	2.4664605251059281447610450429821204446
CHAPIS:	Y	***PM10T:***	2.264046564

2005 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	Y
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:	8		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2006 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	380.185542649
CO:	37	***ROGT:***	32.792038534
Air Basin:	SD	***COT:***	4.516771605
District:	SD	***NOXT:***	18.9049133
COID:	SD	***SOXT:***	.12196984
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	9.374597346
CHAPIS:	Y	***PM10T:***	9.374495582

2006 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	Y
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:	8		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	186.7
CO:	37	***ROGT:***	14.245416
Air Basin:	SD	***COT:***	6.47
District:	SD	***NOXT:***	5
COID:	SD	***SOXT:***	.27
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	.18
CHAPIS:		***PM10T:***	.17

2013 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD

CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CHAPIS:
CERR Code:

2014 Criteria Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 186.7
ROGT: 14.245416
COT: 6.47
NOXT: 5
SOXT: .27
PMT: .18
PM10T: .17

2014 Toxic Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2015 Criteria Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 186.7
ROGT: 14.245416
COT: 6.47
NOXT: 5
SOXT: .27
PMT: .18
PM10T: .17

2015 Toxic Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt: 8.7
Non-Cancer Chronic Haz Ind: .02
Non-Cancer Acute Haz Ind: .23
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2016 Criteria Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CERR CODE:
TOGT: 186.7
ROGT: 14.245416
COT: 6.47
NOXT: 5
SOXT: .27
PMT: .18

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CHAPIS: **PM10T:** .17

2016 Toxic Data

Facility ID: 99
Facility SIC Code: 3728
CERR CODE:
COID: SD
CO: 37
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
TS:
HRA: 8.7
CH Index: .02
AH Index: .23
Air Basin: SD
District: SD

2017 Criteria Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 186.7
ROGT: 14.245416
COT: 6.47
NOXT: 5
SOXT: .27
PMT: .18
PM10T: .17

2017 Toxic Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt: 8.7
Non-Cancer Chronic Haz Ind: .02
Non-Cancer Acute Haz Ind: .23
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2018 Criteria Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 186.7
ROGT: 14.245416
COT: 6.47
NOXT: 5
SOXT: .27
PMT: .18
PM10T: .17

2018 Toxic Data

Facility ID: 99
Facility SIC Code: 3728
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt: 8.7
Non-Cancer Chronic Haz Ind: .02
Non-Cancer Acute Haz Ind: .23
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

18	22 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INDUSTRIES. 850 LAGOON DR CHULA VISTA CA 91910	EMISSIONS

1998 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	23.2257777955761
CO:	37	***ROGT:***	14.77102624006838688
Air Basin:	SD	***COT:***	3.248119599
District:	SD	***NOXT:***	3.977668035
COID:	SD	***SOXT:***	.02429623
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	.44841056756749999973
CHAPIS:		***PM10T:***	.44841056756749999973

1998 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	23.2257777955761
CO:	37	***ROGT:***	14.77102624006838688
Air Basin:	SD	***COT:***	3.248119599
District:	SD	***NOXT:***	3.977668035
COID:	SD	***SOXT:***	.02429623
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	.44841056756749999973
CHAPIS:		***PM10T:***	.44841056756749999973

1999 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	99	***CERR Code:***	
Facility SIC Code:	3728	***TOGT:***	38.5033991699165
CO:	37	***ROGT:***	21.0017860521495476
Air Basin:	SD	***COT:***	4.0304753
District:	SD	***NOXT:***	4.8004315
COID:	SD	***SOXT:***	.02881996
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	1.6575024881957499981
CHAPIS:		***PM10T:***	1.6575024881957499981

2000 Toxic Data

Facility ID:	99	***COID:***	SD
Facility SIC Code:	3728	***DISN:***	SAN DIEGO COUNTY APCD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:	7.7		
Non-Cancer Chronic Haz Ind:	.1		
Non-Cancer Acute Haz Ind:	.1		

2002 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	41.722713963
CO:	37	**ROGT:**	21.616238040798256
Air Basin:	SD	**COT:**	7.564876751
District:	SD	**NOXT:**	9.027076256
COID:	SD	**SOXT:**	.0541208085
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	2.2753863955
CHAPIS:	Y	**PM10T:**	2.2753863955

2002 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	Y
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:	8		
Non-Cancer Chronic Haz Ind:	0		
Non-Cancer Acute Haz Ind:			

2003 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	41.722713959
CO:	37	**ROGT:**	21.616237962
Air Basin:	SD	**COT:**	7.564876751
District:	SD	**NOXT:**	9.027076256
COID:	SD	**SOXT:**	.05412081
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	2.275386393
CHAPIS:	Y	**PM10T:**	2.275386393

2003 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	Y
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:	8		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

18	***23 of 29***	***WNW***	***0.11 / 585.90***	***21.02 / 3***	***ROHR INC., A COLLINS AEROSPACE COMPANY 850 LAGOON DR CHULA VISTA CA 91910***	***CERS TANK***

Site ID:	400868	**Latitude:**	32.630412
Longitude:	-117.099700		

Regulated Programs

EI ID: 10123903
EI Description: Aboveground Petroleum Storage

EI ID: 10123903
EI Description: Hazardous Waste Generator

EI ID: 10123903
EI Description: RCRA LQ HW Generator

EI ID: 10123903
EI Description: Chemical Storage Facilities

Violations

Violation Date: 08/12/2013
Violation Source: CERS
Violation Program: HW
Violation Division: San Diego County Department of Env Health
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Notes:

Returned to compliance on 08/13/2013. Inspection Sequence ID:4087639;Violation:HMD0235 Did not accumulate waste in container or tank. 66262.34 (a)(1).

Violation Description:

Haz Waste Generator Program - Operations/Maintenance - General

Violations

Violation Date: 11/05/2015
Violation Source: CERS
Violation Program: HMRRP
Violation Division: San Diego County Department of Env Health
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Notes:

Returned to compliance on 02/29/2016.

Violation Description:

Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Evaluations

Eval Date: 08/12/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Inspector: Javid Hasti Inspection ID:4087639; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/15/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:6429569; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/15/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:6429569; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/27/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:5774304; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/15/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:6429569; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/12/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Inspector: Javid Hasti Inspection ID:4087639; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 11/05/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:5200783; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/12/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval Notes:

Inspector: Javid Hasti Inspection ID:4087639; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/27/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:5774304; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/10/2010
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: California Environmental Protection Agency
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Inspector Name: San Diego County; Determination of RCRA LQG status was based on a download of sites registered as RCRA LQGs on the USEPA website. Military bases in San Diego County registered under a primary EPA number but each command or unit permitted and inspected as a seperate enity b; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 11/05/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:5200783; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 11/05/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:5200783; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/12/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Javid Hasti Inspection ID:4087639; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/27/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection

Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:5774304; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 11/05/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:5200783; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/27/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:5774304; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/15/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Inspector: Marquez Marie Inspection ID:6429569; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Legal Owner
Entity Name: ROHR INC., A COLLINS AEROSPACE COMPANY
Entity Title:
Address: 850 LAGOON DR, MAIL ZONE 107N EHS
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 691-4111

Affil Type Desc: Operator
Entity Name: ROHR INC., A COLLINS AEROSPACE COMPANY
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (619) 691-4111

Affil Type Desc: Document Preparer
Entity Name: JENNY LUMN

Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: JENNY LUMN
Entity Title:
Address: 850 LAGOON DR., MAIL ZONE 107N EHS
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910
Phone:

Affil Type Desc: Parent Corporation
Entity Name: ROHR INC., A COLLINS AEROSPACE COMPANY
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 850 LAGOON DRIVE, MAIL ZONE 107N EHS
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910-2098
Phone:

Affil Type Desc: Property Owner
Entity Name: ROHR, INC., A COLLINS AEROSPACE COMPANY
Entity Title:
Address: 850 LAGOON DR
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 691-4111

Affil Type Desc: Identification Signer
Entity Name: JENNY LUMN
Entity Title: ENVIRONMENT, HEALTH & SAFETY SPECIALIST
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title:
Address: PO Box 129261
City: San Diego
State: CA
Country:
Zip Code: 92112-9261
Phone: (858) 505-6880

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Coordinates

Env Int Type Code:	APSA	***Longitude:***	-117.101951
Program ID:	10123903	***Coord Name:***	
Latitude:	32.635037	***Ref Point Type Desc:***	Unknown

18	24 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES / ROHR - Goodrich Aerostructures - North Campus - Eastern Parcel A 850 Lagoon Drive Chula Vista CA 91910-2098	CLEANUP SITES

Global ID:	T10000011095	***Latitude:***	32.6308
County:	San Diego	***Longitude:***	-117.09765
Status Date:	11/17/2017		
Status:	Open - Site Assessment		
Site Facility Type:	Cleanup Program Site		
Data Source:	Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	2092900
Local Case No:	
Begin Date:	11/17/2017
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Local Agency:	
CUF Case:	NO
CalEnvScreen Score:	
EPA Region:	9
Qty Rlsd Gallons:	
Potential COC:	1,1,1-Trichloroethane (TCA), Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Toluene, Xylene
How Discovered:	
Stop Method:	
Stop Description:	
Case Worker:	TCA
Military DoD Site:	No
Leak Reported Dt:	
No Further Action Dt:	
Potential Media of Concern:	Soil
How Discovered Description:	
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	Severely Disadvantaged Community
Coordinate Source:	
Discharge Cause:	
Discharge Source:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	76-80%
Calenviroscreen 4 Score:	80-85%
File Location:	All Files are on GeoTracker or in the Local Agency Database
Site History:	

The subject site comprises two parcels that are part of the Rohr manufacturing facility. Two buildings (Buildings 99 and 100) are located on APN 567•-022•-30•-00; one building (Building 29) is located on the eastern portion of 571•-330•-29•-00. Rohr purchased APN 567•-022•-30•-00 in 1986. The parcel has been used primarily for administrative purposes. Test laboratories are located in Building 100. Building 29 on the eastern portion of 571•-330•-29•-00 was constructed in the late 1950s and has primarily been used for tooling and machining, and office space for most of its history. The northernmost portion served as the Maintenance Department for the facility. The building currently houses a number of laboratories, kitting, an After Market Spares Warehouse, Service Center and FAI repairs, storage, tool calibration, product development and office space. Prior to Rohr•fs ownership, the subject site had a variety of other historical uses, including agriculture, truck engine repair, and a possible lumber yard.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Date:	2022-11-03 00:00:00
Action:	Staff Letter

Action Type: ENFORCEMENT

Date: 2018-11-16 00:00:00
Action: Site Investigation
Action Type: RESPONSE

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 2017-11-17 00:00:00

Status: Open - Site Assessment
Status Date: 2017-11-17 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: TOM ALO
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: tom.alo@waterboards.ca.gov
Phone No: 6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000011095
Cleanup Status Detail: OPEN - SITE ASSESSMENT AS OF 11/17/2017
Potential COC: 1,1,1-TRICHLOROETHANE (TCA), DICHLOROETHENE (DCE), OTHER CHLORINATED HYDROCARBONS, TETRACHLOROETHYLENE (PCE), TOLUENE, TRICHLOROETHYLENE (TCE), XYLENE
Potential Media of Concern: SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 2092900 CASEWORKER: TOM ALO
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000011095&tabname=regulatoryhistory
Site History:

The subject site comprises two parcels that are part of the Rohr manufacturing facility. Two buildings (Buildings 99 and 100) are located on APN 567□-022□-30□-00; one building (Building 29) is located on the eastern portion of 571□-330□-29□-00. Rohr purchased APN 567□-022□-30□-00 in 1986. The parcel has been used primarily for administrative purposes. Test laboratories are located in Building 100. Building 29 on the eastern portion of 571□-330□-29□-00 was constructed in the late 1950s and has primarily been used for tooling and machining, and office space for most of its history. The northernmost portion served as the Maintenance Department for the facility. The building currently houses a number of laboratories, kitting, an After Market Spares Warehouse, Service Center and FAI repairs, storage, tool calibration, product development and office space. Prior to Rohr□fs ownership, the subject site had a variety of other historical uses, including agriculture, truck engine repair, and a possible lumber yard.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 9/1/2022
Received Issue Date: 9/1/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=6079547
Title Description Comments:

Parcel A - Update to the Revised Baseline Human Health Risk Assessment

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/7/2022
Received Issue Date: 1/7/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6484447&temptable=ENFORCEMENT
Title Description Comments:

Parcel A Data Gap Investigation Work Plan

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/18/2021
Received Issue Date: 11/18/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6480788&temptable=ENFORCEMENT
Title Description Comments:

Parcel A Data Gap Investigation Work Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/30/2021
Received Issue Date: 6/30/2021
Doc Link:
Title Description Comments:

Revised Baseline Human Health Risk Assessment

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/30/2021
Received Issue Date: 6/30/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6472170&temptable=ENFORCEMENT
Title Description Comments:

Revised Baseline Human Health Risk Assessment

Action Type: Response Requested - Reports
Action: Phase I Assessment Report
Action Date: 4/1/2021
Received Issue Date: 4/1/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=6047086
Title Description Comments:

Phase I Environmental Site Assessment Report, Bay Boulevard - Parcel A 350, 360, 364, and 368

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 3/8/2021
Received Issue Date: 3/8/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=6073720

Title Description Comments:

Parcel A - Baseline Human Health Risk Assessment

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/8/2020
Received Issue Date: 12/8/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6458386&temptable=ENFORCEMENT
Title Description Comments:

North Campus Parcel A - Conceptual Site Model

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 12/26/2018
Received Issue Date: 12/26/2018
Doc Link:
Title Description Comments:

Work Plan for Additional Investigation - Eastern Parcels

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=5995617
Title Description Comments:

Indoor Air Screening - Building 1

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/24/2021
Received Issue Date: 6/24/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6469778&temptable=ENFORCEMENT
Title Description Comments:

FY 2021-22 Annual Estimation Letter

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 5/12/2021
Received Issue Date: 5/12/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6495368&temptable=ENFORCEMENT
Title Description Comments:

Revised Conceptual Site Model for Parcel A

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 4/13/2021
Received Issue Date: 4/13/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6495367&temptable=ENFORCEMENT
Title Description Comments:

Revised Conceptual Site Model for Parcel A

Action Type: Response Requested - Reports
Action: Technical Memos

Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=5995620
Title Description Comments:

Indoor Air Screening - Building 29

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 7/2/2018
Received Issue Date: 7/2/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6364798&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter

Action Type: Response Requested - Workplans
Action: Soil Vapor Intrusion Investigation Workplan
Action Date: 5/21/2018
Received Issue Date: 5/21/2018
Doc Link:
Title Description Comments:

Implement work plan

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 5/11/2018
Received Issue Date: 5/11/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6358745&temptable=ENFORCEMENT
Title Description Comments:

SUB-SLAB AND FOCUSED SOIL VAPOR SURVEY WORK PLAN

Action Type: Response Requested - Workplans
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Action Date: 5/7/2018
Received Issue Date: 5/7/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=5995614
Title Description Comments:

Sub-Slab and Focused Soil Vapor Work Plan - Eastern Parcels, Buildings 29, 99, and 100

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 4/24/2006
Received Issue Date: 4/25/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=6188036
Title Description Comments:

Monitoring Well Construction Permit for 15 Clustered Wells.

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: *11/16/2018
Received Issue Date: 9/6/2018
Doc Link:
Title Description Comments:

Submit summary report for the Sub-slab and Focused Soil Vapor Survey conducted at the Eastern Parcels – Buildings 29, 99, and 100.

Action Type: Response Requested - Other
Action: Respond to Petition - Regulator Responded
Action Date: 8/6/1993
Received Issue Date: 8/6/1993
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=6168180
Title Description Comments:

Basin Plan Amendment Proposal for La Nacion Hydrologic Subarea West of Interstate 5

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 2/8/1968
Received Issue Date: 2/8/1968
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=6188040
Title Description Comments:

Bldg and Tank Sampling Results for Copper and Chromium Collected 11/30/1967

Action Type: Enforcement - Other
Action: UNK
Action Date:
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Sensitive Receptor Survey Report - Regulator Responded
Action Date: 1/1/1952
Received Issue Date: 1/1/1952
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011095&doc_id=6186471
Title Description Comments:

Excerpt from Extent, Effects and Limitations of Waste Disposal into San Diego Bay Report

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 5/4/2021
Type: RISK ASSESSMENT REPORT ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED BASELINE HUMAN HEALTH RISK ASSESSMENT, ROHR, INC. - NORTH CAMPUS, PARCEL A, 850 LAGOON DRIVE, CHULA VISTA, CALIFORINA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9582553327/T10000011095.PDF

Document Type: Site Documents ***Document Date:*** 1/6/2021*
Type: WELL DESTRUCTION REPORT ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: BORING COMPLETION REPORT, ROHR, INC., A COLLINS AEROSPACE COMPANY, ASSESSOR PARCEL NO. 567-022-30-00, PERMIT NO. LMWP-004690
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8363292992/T10000011095.PDF

Document Type: Site Documents ***Document Date:*** 11/20/2020
Type: CONCEPTUAL SITE MODEL ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: CONCEPTUAL SITE MODEL, ROHR, INC - NORTH CAMPUS, PARCEL A, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1885859608/T10000011095.PDF

Document Type: Site Documents ***Document Date:*** 4/21/2022
Type: CORRESPONDENCE ***Submitted:***
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: NOTICE OF NORTH CAMPUS PROPERTY DEMOLITION, ROHR, INC. - PARCEL A, CHULA VISTA, CA FACILITY, CLEANUP AND ABATEMENT ORDER NO. R9-2021-0042
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5324863016/T10000011095.PDF

Document Type: Site Documents ***Document Date:*** 4/30/2021

Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, PARCEL A, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1811775922/T10000011095.PDF

Document Type: Site Documents **Document Date:** 3/31/2021*
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, PARCEL A, 850 LAGOON DRIVE CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7220874190/T10000011095.PDF

Document Type: Site Documents **Document Date:** 8/6/1993
Type: RESPOND TO PETITION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BASIN PLAN AMENDMENT PROPOSAL FOR LA NACION HYDROLOGIC SUBAREA WEST OF INTERSTATE 5 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&document_id=6168180

Document Type: Site Documents **Document Date:** 7/8/2022
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: UPDATE TO THE REVISED BASELINE HUMAN HEALTH RISK ASSESSMENT, ROHR, INC. - NORTH CAMPUS, PARCEL A, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9511752128/T10000011095.PDF

Document Type: Site Documents **Document Date:** 1/21/2022
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DATA GAP INVESTIGATION WORK PLAN, ROHR, INC. - NORTH CAMPUS, PARCEL A, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3331531107/T10000011095.PDF

Document Type: Site Documents **Document Date:** 6/24/2021
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2021-22 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6469778

Document Type: Site Documents **Document Date:** 5/12/2021
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED CONCEPTUAL SITE MODEL FOR PARCEL A
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6495368

Document Type: Site Documents **Document Date:** 4/13/2021
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED CONCEPTUAL SITE MODEL FOR PARCEL A
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6495367

Document Type: Site Documents **Document Date:** 4/1/2021
Type: PHASE I ASSESSMENT REPORT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT, BAY BOULEVARD - PARCEL A 350, 360, 364, AND 368 - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&document_id=6047086

Document Type: Site Documents **Document Date:** 12/24/2020*
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: REVISED CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, PARCEL A, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8185177147/T10000011095.PDF

Document Type: Site Documents **Document Date:** 1/21/2022
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)

Title: SUMMARY OF CONCRETE OBSERVATIONS FOLLOWING EQUIPMENT DECOMMISSIONING, ROHR, INC. - NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7144244551/T10000011095.PDF

Document Type: Site Documents **Document Date:** 12/22/2021*
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SUMMARY OF CONCRETE OBSERVATIONS FOLLOWING EQUIPMENT DECOMMISSIONING, ROHR, INC. - NORTH CAMPUS, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9190341413/T10000011095.PDF

Document Type: Site Documents **Document Date:** 5/13/2020*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DATA GAP ASSESSMENT REPORT, ROHR, INC. - PARCEL A, BUILDING 29, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2032664418/T10000011095.PDF

Document Type: Site Documents **Document Date:** 7/2/2018
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6364798

Document Type: Site Documents **Document Date:** 4/25/2006
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: MONITORING WELL CONSTRUCTION PERMIT FOR 15 CLUSTERED WELLS.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&document_id=6188036

Document Type: Site Documents **Document Date:** 9/1/2022
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL A - UPDATE TO THE REVISED BASELINE HUMAN HEALTH RISK ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&document_id=6079547

Document Type: Site Documents **Document Date:** 10/31/2018
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: INDOOR AIR SCREENING TECHNICAL MEMORANDUM, ROHR, INC. - BUILDING 1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3711190283/T10000011095.PDF

Document Type: Site Documents **Document Date:** 5/11/2018
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SUB-SLAB AND FOCUSED SOIL VAPOR SURVEY WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6358745

Document Type: Site Documents **Document Date:** 1/27/2021*
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: BASELINE HUMAN HEALTH RISK ASSESSMENT, ROHR, INC. - NORTH CAMPUS, PARCEL A, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9525783836/T10000011095.PDF

Document Type: Site Documents **Document Date:** 1/7/2022
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL A DATA GAP INVESTIGATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6484447

Document Type: Site Documents **Document Date:** 12/3/2021*
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS - DATA GAP INVESTIGATION WORK PLAN, ROHR, INC. - NORTH CAMPUS, PARCEL A, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8058749616/T10000011095.PDF

Document Type: Site Documents **Document Date:** 11/5/2021
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DATA GAP INVESTIGATION WORK PLAN, ROHR, INC. - NORTH CAMPUS, PARCEL A, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7114189863/T10000011095.PDF

Document Type: Site Documents **Document Date:** 3/8/2021
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL A - BASELINE HUMAN HEALTH RISK ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&document_id=6073720

Document Type: Site Documents **Document Date:** 12/8/2020
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: NORTH CAMPUS PARCEL A - CONCEPTUAL SITE MODEL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6458386

Document Type: Site Documents **Document Date:** 11/19/2020
Type: RESPONSE TO COMMENTS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: RESPONSE TO COMMENTS, SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD LETTER DATED OCTOBER 27, 2020, CONCEPTUAL SITE MODEL, ROHR, INC. - NORTH CAMPUS, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1057215809/T10000011095.PDF

Document Type: Site Documents **Document Date:** 11/11/2020
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: LIMITED PHASE II SCREENING SITE INVESTGATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8601970970/T10000011095.PDF

Document Type: Site Documents **Document Date:** 10/31/2018
Type: TECHNICAL MEMOS **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: INDOOR AIR SCREENING TECHNICAL MEMORANDUM, ROHR, INC., - BUILDING 29, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5951138436/T10000011095.PDF

Document Type: Site Documents **Document Date:** 6/30/2021
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED BASELINE HUMAN HEALTH RISK ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6472170

Document Type: Site Documents **Document Date:** 1/11/2018*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PHASE II ENVIRONMENTAL SITE ASSESSMENT, BUILDINGS 99 AND 29, 850 LAGOON DRIVE, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6033164680/T10000011095.PDF

Document Type: Site Documents **Document Date:** 1/1/1952
Type: SENSITIVE RECEPTOR SURVEY REPORT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: EXCERPT FROM EXTENT, EFFECTS AND LIMITATIONS OF WASTE DISPOSAL INTO SAN DIEGO BAY REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&document_id=6186471

Document Type: Site Documents **Document Date:** 12/26/2018
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: WORK PLAN FOR ADDITIONAL INVESTIGATION, ROHR - EASTERN PARCELS VACANT PROPERTIES, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5735695898/T10000011095.PDF

Document Type: Site Documents **Document Date:** 9/6/2018*
Type: SOIL VAPOR INTRUSION INVESTIGATION REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SUB-SLAB AND FOCUSED SOIL VAPOR SURVEY REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4809548437/T10000011095.PDF

Document Type: Site Documents **Document Date:** 5/7/2018
Type: SOIL VAPOR INTRUSION INVESTIGATION WORKPLAN **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: SUB-SLAB AND FOCUSED SOIL VAPOR SURVEY WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5970062494/T10000011095.PDF

Document Type: Site Documents **Document Date:** 1/11/2018
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: PHASE II ENVIRONMENTAL SITE ASSESSMENT, VACANT BAY BOULEVARD PROPERTIES, 300 BLOCK, BAY BOULEVARD, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9158734261/T10000011095.PDF

Document Type: Monitoring Reports **Document Date:** 2/8/1968
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: BLDG AND TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM COLLECTED 11/30/1967 - BLDG/TANK SAMPLING RESULTS FOR COPPER AND CHROMIUM 1967
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5557631552/1968%20Cr%20Co%20Report%2Epdf

Document Type: Site Documents **Document Date:** 6/13/2022
Type: SITE INVESTIGATION **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: DATA GAP INVESTIGATION REPORT, ROHR, INC. - NORTH CAMPUS, PARCEL A, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7163837015/T10000011095.PDF

Document Type: Site Documents **Document Date:** 11/18/2021
Type: STAFF LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: PARCEL A DATA GAP INVESTIGATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011095&enforcement_id=6480788

Document Type: Site Documents **Document Date:** 10/5/2021*
Type: CORRESPONDENCE **Submitted:**
Submitted By: HALEY & ALDRICH (AUTH_RP)
Title: NOTICE OF CHANGE OF OWNER, ROHR, INC., CHULA VISTA, CA FACILITY, CLEANUP AND ABATEMENT ORDER NO. R-9-2021-0042
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1947445809/T10000011095.PDF

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-18)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8134407758/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-21)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7743414103/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-23)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8337380170/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-24)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4939792215/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)

Title: GEO_BORE (B29-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8919613182/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-05)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1248715341/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-08C)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3235888898/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-16)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4799507856/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-22)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7287456810/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-01)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4358607411/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-07)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8398216962/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-08A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3790001630/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5921993553/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-25)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6112658917/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-06)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1095584273/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-07)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7655192494/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7573069691/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-17)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8915499210/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-20)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2611865460/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B99-02)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8612376332/T10000011095.PDF

Submitted: 11/30/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2664314985/T10000011095.JPG

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-06)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6094066917/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3234075725/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-03)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4132320702/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-19)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5109829246/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-09)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3878835856/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B99-04)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5239467918/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-03)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2966808617/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-20)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6077693104/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-04)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4657604515/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-08)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7527532756/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4180016279/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-19)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9929024457/T10000011095.PDF

Submitted: 11/30/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1970348656/T10000011095.JPG

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-01)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8988520741/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-08)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8873850941/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-08B)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9713555097/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-09)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4732448875/T10000011095.PDF

Submitted: 10/9/2020 **Submitted By:** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6142924427/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6332987904/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-17)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1332423329/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-16)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3784022450/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-02)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7334254384/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2160549461/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3116951704/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-18)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8332224965/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B99-01)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6264323353/T10000011095.PDF

Submitted: 11/30/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9740122914/T10000011095.JPG

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-04)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6021747052/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (BB-14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6161189198/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-02)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2616894066/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-05)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5114139020/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9705600202/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B29-15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3463964641/T10000011095.PDF

Submitted: 10/9/2020 ***Submitted By:*** HALEY & ALDRICH (AUTH_RP)
Title: GEO_BORE (B99-03)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8401111066/T10000011095.PDF

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Site Assessment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date: 11/17/2017

Status: Open - Case Begin Date
Date: 11/17/2017

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description: DEH Thermo King Case
Identifier: T0608199629
Project Name: FORMERLY THERMO KING
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608199629
Address: 340 BAY BL
City: CHULA VISTA
Status: COMPLETED - CASE CLOSED

18	25 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES / ROHR 850 LAGOON DRIVE CHULA VISTA CA	CLEANUP SITES

Global ID:
County:
Status Date:
Status:
Latitude:
Longitude:
Site Facility Type: COMPLEX SITE CLEANUP PROGRAM FACILITY
Data Source: Cleanup Program Sites from GeoTracker Search

18	26 of 29	WNW	0.11 / 585.90	21.02 / 3	GOODRICH AEROSTRUCTURES, CHULA VISTA 850 LAGOON DRIVE CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC003056223
Gen Status Universe: No Report
Contact Name: SHALOM RAYMOND
Contact Address: 850 LAGOON DRIVE, CHULA VISTA, CA, 91910,
Contact Phone No and Ext: 619-691-4142
Contact Email: NARDA@NORTHSOUTHMACHINERY.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20200217
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No

Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200217
Handler Name:	GOODRICH AEROSTRUCTURES, CHULA VISTA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	850 LAGOON DRIVE
Name:	SHALOM RAYMOND	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-691-4142	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	850 LAGOON DRIVE
Name:	SHALOM RAYMOND	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-691-4142	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

18	***27 of 29***	***WNW***	***0.11 / 585.90***	***21.02 / 3***	***BFGOODRICH AEROSPACE 850 LAGOON DR. CHULA VISTA CA 91910***	***AST SWRCB***

Total Gals:	9000
Owner Name:	BFGOODRICH AEROSPACE
Data Source:	SWRCB Aboveground Storage Tanks Listing 2003;SWRCB Aboveground Storage Tanks Listing 2006;SWRCB Aboveground Storage Tanks Listing 2005;SWRCB Aboveground Storage Tanks Listing 2007

18	***28 of 29***	***WNW***	***0.11 / 585.90***	***21.02 / 3***	***ROHR INC, A UTC AEROSPACE SYSTEMS COMPANY 850 LAGOON DR CHULA VISTA CA 91910***	***EMISSIONS***

2019 Criteria Data

CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
Facility ID:	99	***ROGT:***	27.566156987375120270862
District:	SD	***COT:***	3.28417275147764037
Facility SIC Code:	3812	***NOXT:***	3.984324718342646
CO ID:	SD	***SOXT:***	.023942212665
DISN:	SAN DIEGO COUNTY APCD		
PM10T:	.3020758405335291340121		
TOGT:	29.563120040416229458		
PMT:	.3020758405335291340121		

2019 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO: 37
Air Basin: SD
Faccility ID: 99
District: SD
Facility SIC Code: 3812
COID: SD
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TS:
Health Risk Asmt:

2020 Criteria Data

CO: 37
Air Basin: SD
Facility ID: 99
District: SD
Facility SIC Code: 3812
CO ID: SD
DISN: SAN DIEGO COUNTY APCD
TOGT: 2.840558658
PMT: .0341922495
PM10T: .0341922495

CHAPIS:
CERR Code:
ROGT: 2.0288444082804
COT: .370935853
NOXT: .500339015
SOXT: .003069145

2020 Toxic Data

CO: 37
Air Basin: SD
Facility ID: 99
District: SD
Facility SIC Code: 3812
COID: SD
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CHERR Code:
TS:
Health Risk Asmt:

18	29 of 29	WNW	0.11 / 585.90	21.02 / 3	ROHR INC DBA GOODRICH AEROSTRUCTURES 850 LAGOON DR CHULA VISTA CA 919102001	HAZ TSD

EPA ID: CAD008382053
Facility Street2:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAD008382053

Facility County: 37
County: San Diego

19	1 of 1	E	0.11 / 588.34	26.12 / 8	RYAN ABIDES 443 COLORADO AVE UNIT C CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC003033005
Gen Status Universe: No Report
Contact Name: RYAN ABIDES
Contact Address: 443 COLORADO AVE, UNIT C, CHULA VISTA, CA, 91910,
Contact Phone No and Ext: 619-240-4282
Contact Email: KERRIEP@CVECORP.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20190909
Location Latitude:
Location Longitude:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190909
Handler Name:	RYAN ABIDES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	443 COLORADO AVE
Name:	RYAN ABIDES	***Street 2:***	UNIT C
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-240-4282	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	443 COLORADO AVE
Name:	RYAN ABIDES	***Street 2:***	UNIT C
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-240-4282	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

20	*1 of 16*	*NNE*	*0.11 / 591.47*	*33.76 / 15*	***SWEETWATER AUTHORITY*** ***744 F ST*** ***Chula Vista CA***	***SAM SANDIEGO***

Record ID:	DEH1986-LSAM-H20099-001	***BOS District:***	1
Record ID (DEH):	DEH1986-LSAM-H20099-001	***Lead Agency:***	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	***Lead Agcy Date:***	5/28/1986, 8:00 PM
ID:	448	***Opened Date:***	5/28/1986, 8:00 PM
Object ID:	447	***ThomasBros Map Gd:***	1309 J 7
SWRCB Global ID:	T0607302820	***Jurisdiction:***	CHULA VISTA
Feature ID:	5670900200	***Census Tract:***	125.01
Parcel No:	567-090-02-00	***Watershed Basin:***	909.12
Case No:	H20099-001	***GT Global ID:***	T0607302820
H No:	H20099	***GT RB Case No:***	9UT527

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

KIVA per Tp per No:	6SAM H20099	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	05/29/1986	**GT Latitude:**	32.634918
Per Type:	LWQD	**GT Longitude:**	-117.096872
Primary Parcel:	YES	**Latitude GS84:**	32.6350388
Primary Address:	YES	**Longitude GS84:**	-117.0967854
Address Type:	MASTER	**Point X:**	6300965.72012322
City:	CHULA VISTA	**Point Y:**	1811905.1399539
Community:	Chula Vista	**X:**	6301001.04
Zip Code:	91910	**Y:**	1811848.206
Zip Community:	91910	**X1:**	-117.09680105923009
Agency Name:	COSD	**Y1:**	32.63506522736615

Project Name:	SWEETWATER AUTHORITY
Address:	744 F ST, CHULA VISTA CA 91910
Historical Name:	SWEETWATER AUTHORITY
Record Name:	SWEETWATER AUTHORITY
Street String:	744 F ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Completed - Case Closed
Case Type:	VAP - Voluntary Assistance Program
Funding:	V - Private - VAP
Geo SRC:	Mapped to XY from previous SAM Layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
20	2 of 16	NNE	0.11 / 591.47	33.76 / 15	SWEETWATER AUTHORITY 744 F ST CHULA VISTA CA 919102006	CLEANUP SITES

Global ID:	T0607302820	**Latitude:**	32.634918
County:	SAN DIEGO	**Longitude:**	-117.096872
Status Date:	8/8/1986		
Status:	COMPLETED - CASE CLOSED		
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	9UT527
Local Case No:	H20099-001
Begin Date:	5/29/1986
Lead Agency:	SAN DIEGO COUNTY LOP
Local Agency:	SAN DIEGO COUNTY LOP
CUF Case:	NO
CalEnvScreen Score:	
EPA Region:	9
Qty Rlsd Gallons:	
Potential COC:	
How Discovered:	
Stop Method:	
Stop Description:	
Case Worker:	KH
Military DoD Site:	No
Leak Reported Dt:	
No Further Action Dt:	1986-08-08 00:00:00
Potential Media of Concern:	
How Discovered Description:	
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	

Coordinate Source: Google Geocode
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 90-95%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1986-08-08 00:00:00

Status: Open - Case Begin Date
Status Date: 1986-05-29 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: KEVIN HEATON
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: kevin.heaton@sdcounty.ca.gov
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302820
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 8/8/1986
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H20099-001
CASEWORKER: KEVIN HEATON
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT527
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607302820&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date:		8/8/1986				
Status:		Open - Case Begin Date				
Date:		5/29/1986				
20	3 of 16	NNE	0.11 / 591.47	33.76 / 15	SWEETWATER AUTHORITY 744 F ST, CHULA VISTA, 91910-2006 CA	AST

Total Capacity(Gal):	1625	**Owner Name:**	SWEETWATER AUTHORITY
CUPA:	San Diego	**County:**	San Diego

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
20	4 of 16	NNE	0.11 / 591.47	33.76 / 15	AT&T MOBILITY - GOOD NITE INN 744 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID:	DEH2012-HUPFP-216488	**GIS Record ID:**	DEH2012-HUPFP-216488
Facility Name:		**GIS Facility City:**	CHULA VISTA
Facility City:		**GIS Facility ZipCode:**	91910
Facility ZipCode:		**GIS Fac Latitude:**	32.6350388
Facility Latitude:		**GIS Fac Longitude:**	-117.0967854
Facility Longitude:			
Facility Address:			
GIS Facility Name:	AT&T MOBILITY - GOOD NITE INN		
GIS Facility Address:	744 F ST, CHULA VISTA, CA 91910		
Tank Owner Name:			

HMD Permits Map Data

GIS Facility ID:		**Status:**	
GIS CERS ID:		**ER Contact:**	
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	**ER Con Work Ph:**	
Per Type:		**Census Tract:**	
Per Sub Type:		**Parcel Zip:**	
Per Cat:		**Community:**	
Record Status:	Completed	**Jurisdiction:**	
HW TIer:		**Basin No:**	
LRG QTY MW Gener:		**BOS Dist:**	
EPA ID No:		**Tbpg Grid:**	
RMP CAL ARP:		**Insp Dist:**	
Tank Owner:		**Feature ID:**	5670900200
SIC Code:		**X Coord:**	6301001.04
NAICS Code:		**Y Coord:**	1811848.206
Disclose Qty Haz Mat:		**Kiva Per Typ:**	HK07 216488
Exp Date:		**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6301001.03993
UST Facility:		**Point Y:**	1811848.20601
Total No USTs:		**Lat GS84:**	32.6350388
No of Tanks:		**Lon GS84:**	-117.0967854
Own Oper APS:		**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:		**Side:**	
Recycle100:		**X Map Coord:**	-117.09668483782035
Onsite Haz Waste Tre:		**Y Map Coord:**	32.634909543572654
RCRA LRG Qty:		**User Fld:**	
Haz Wst Coll Site:		**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:		**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:		**ARC State:**	
Hazmat Rad:		**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Full Name:
Email Perm:
Phone Perm:
Site Address:
Parcel No: 567-090-02-00
Record Ali: Unified Program Facility Permit
Address: 744 F ST
Business Type:
Bill Code:
ER Con Name:
ER Con Title:
Water Purv:
Fire Agency:
Geo SRC: Mapped to record APN/parcel center XY
Match Addr:
Hirt Flag:
Frhmbp Report Filename:
Frhmbp Sitemap Filename:
Indian or Territory:
County ID:
Bill Code 2:
Bill Code 3:
Univ Waste Gen Type:

20	5 of 16	NNE	0.11 / 591.47	33.76 / 15	SWEETWATER AUTHORITY 744 F STREET CHULA VISTA CA 92010	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002f36e.pdf

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20	6 of 16	NNE	0.11 / 591.47	33.76 / 15	SWEETWATER AUTHORITY 744 F ST CHULA VISTA CA 91910	DELISTED TNK

Delisted San Diego County - UST List

Record ID: DEH2002-HUPFP-120099
CERS ID: 10357768
Permit Status: Permit Renewed
Active Permit: true
Facility Type UST:
Business Phone: 619-420-1413
Business Fax: 0.0
Facility ID: 37-000-120099
EPA ID No: CAL000004840
Haz. Mat. On-Site: true
Own or Operate UG: true
Own or Operate AG: true
Mailing Address: 744 F Street, CHULA VISTA, CA 91910
New Georeferenced: (32.71369408056871, -117.1579293465671)
Haz. Waste Gen: true
Recycle: false
Onsite Haz Wt Trt: false
RCRA Large Qty Gen: false
HHW Collection: false
Last Updated: 2020 Apr 16 12:50:53 AM
Atoms:
ZIP Codes:
Latitude:
Longitude:
Original Source: USSD
Record Date: 19-JUN-2020

20	7 of 16	NNE	0.11 / 591.47	33.76 / 15	AT&T Mobility - HWY 5 AND F (USID46284) 744 F ST CHULA VISTA CA 91910-2006	HAZ SANDIEGO

Record ID: DEH2016-HUPFP-003067
Facility Name: AT&T Mobility - HWY 5 AND F (USID46284)
Facility City: CHULA VISTA
Facility ZipCode: 91910-2006
Facility Latitude:
Facility Longitude:
Facility Address: 744 F ST
GIS Facility Name: AT&T Mobility - HWY 5 AND F (USID46284)
GIS Facility Address: 744 F ST, CHULA VISTA, CA 91910-2006
Tank Owner Name:
GIS Record ID: DEH2016-HUPFP-003067
GIS Facility City: CHULA VISTA
GIS Facility ZipCode: 91910-2006
GIS Fac Latitude: 32.6350388
GIS Fac Longitude: -117.0967854

Hazardous Materials Facility Data

CERS ID:	10675141	**Onsite H Waste Trtmt:**	false
Facility ID No:	37-000-003067	**Haz Mat on Site:**	true
EPA ID No:		**Haz Waste Generator:**	false
Active Permit:	true	**Own/Oper Under:**	false
Permit Status:	Permit Renewed	**Own/Oper Above:**	false
Bus. Phone:	(800) 638-2822	**Recycle:**	false
Bus. Fax:	0	**RCRA Large Qty Gen:**	false
Last Updated:	08/10/2021 12:34:35 AM	**HHW Collection:**	false
New Georeferenced Column:			
Mailing Address:	308 S. Akard St., 17th Floor, Dallas, TX 75202		

Hazardous Waste and Materials

ID:	252272	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2019-HCHEM-0231394	**Active Permit:**	true
CAS No:		**Haz Material Type:**	Mixture
Last Updated:	05/09/2020 02:32:53 AM	**Trade Secret:**	false
Chemical Name:	Lead Acid Batteries		
Common Name Inventory:	Lead Acid Batteries		

ID:	431624	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2020-HCHEM-0272650	**Active Permit:**	true
CAS No:		**Haz Material Type:**	Mixture
Last Updated:	06/18/2021 02:31:27 AM	**Trade Secret:**	false
Chemical Name:	Lead Acid Batteries		
Common Name Inventory:	Lead Acid Batteries		

ID:	120157	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2017-HCHEM-0159341	**Active Permit:**	true
CAS No:		**Haz Material Type:**	Mixture
Last Updated:	05/02/2018 02:34:35 AM	**Trade Secret:**	false
Chemical Name:	Lead Acid Batteries		
Common Name Inventory:	Lead Acid Batteries		

ID:	209525	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2018-HCHEM-0201882	**Active Permit:**	true
CAS No:		**Haz Material Type:**	Mixture
Last Updated:	12/09/2018 07:38:16 PM	**Trade Secret:**	false
Chemical Name:	Lead Acid Batteries		
Common Name Inventory:	Lead Acid Batteries		

ID:	110618	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2016-HCHEM-0120269	**Active Permit:**	true
CAS No:		**Haz Material Type:**	Mixture
Last Updated:	07/27/2017 06:42:20 AM	**Trade Secret:**	false
Chemical Name:	Lead Acid Batteries		
Common Name Inventory:	Lead Acid Batteries		

ID:	438571	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2021-HCHEM-0305985	**Active Permit:**	true
CAS No:		**Haz Material Type:**	Mixture
Last Updated:	08/10/2021 12:34:37 AM	**Trade Secret:**	false
Chemical Name:	Lead Acid Batteries		
Common Name Inventory:	Lead Acid Batteries		

HMD Permits Map Data

GIS Facility ID:	37-000-003067	**Status:**	
GIS CERS ID:	10675141	**ER Contact:**	(800) 566-9347
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	**ER Con Work Ph:**	(800) 566-9347
Per Type:		**Census Tract:**	125.01
Per Sub Type:		**Parcel Zip:**	91910
Per Cat:		**Community:**	Chula Vista

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Status:	Permit Renewed	**Jurisdiction:**	CHULA VISTA
HW Tier:	Not Applicable	**Basin No:**	909.12
LRG QTY MW Gener:	No	**BOS Dist:**	1
EPA ID No:		**Tbpg Grid:**	
RMP CAL ARP:	Not Applicable	**Insp Dist:**	HPC064
Tank Owner:		**Feature ID:**	5670900200
SIC Code:	4812	**X Coord:**	6301001.04
NAICS Code:	517312	**Y Coord:**	1811848.206
Disclose Qty Haz Mat:	Y	**Kiva Per Typ:**	
Exp Date:	5/30/2021	**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6301001.04000001
UST Facility:		**Point Y:**	1811848.206
Total No USTs:		**Lat GS84:**	32.6350388
No of Tanks:		**Lon GS84:**	-117.0967854
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	N	**Side:**	
Recycle100:	N	**X Map Coord:**	-117.09668483782035
Onsite Haz Waste Tre:	N	**Y Map Coord:**	32.634909543572654
RCRA LRG Qty:	N	**User Fld:**	
Haz Wst Coll Site:	N	**Addr Type:**	
Accept Offs:	N	**ARC Address:**	
Universal Waste Han:	N	**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:	N	**ARC State:**	
Hazmat Rad:	No	**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:	New Cingular Wireless PCS, LLC dba AT&T Mobility	**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:	(214) 464-1712	**Bill Code 2:**	Not Applicable
Site Address:	744 F St	**Bill Code 3:**	Not Applicable
Parcel No:	567-090-02-00	**Univ Waste Gen Type:**	

Record Ali:	Unified Program Facility Permit
Address:	744 F ST
Business Type:	Cellular Site
Bill Code:	Not Applicable
ER Con Name:	AT&T EH&S Hotline - Option #1
ER Con Title:	Environmental Site Manager
Water Purv:	
Fire Agency:	
Geo SRC:	Mapped to record APN/Parcel XY center
Match Addr:	
Hirt Flag:	No
Frhmbp Report Filename:	HMBP003067.pdf
Frhmbp Sitemap Filename:	

20	8 of 16	NNE	0.11 / 591.47	33.76 / 15	**SWEETWATER AUTHORITY** **744 F ST** **CHULA VISTA CA 91910**	**HAZ SANDIEGO**

Record ID:	DEH2002-HUPFP-120099	**GIS Record ID:**	DEH2002-HUPFP-120099
Facility Name:	SWEETWATER AUTHORITY	**GIS Facility City:**	CHULA VISTA
Facility City:	CHULA VISTA	**GIS Facility ZipCode:**	91910
Facility ZipCode:	91910	**GIS Fac Latitude:**	32.6350388
Facility Latitude:		**GIS Fac Longitude:**	-117.0967854
Facility Longitude:			

Facility Address:	744 F ST
GIS Facility Name:	SWEETWATER AUTHORITY
GIS Facility Address:	744 F ST, CHULA VISTA, CA 91910
Tank Owner Name:	

Hazardous Materials Facility Data

CERS ID:	10357768	**Onsite H Waste Trtmt:**	false

Facility ID No:	37-000-120099	**Haz Mat on Site:**	true
EPA ID No:	CAL000004840	**Haz Waste Generator:**	true
Active Permit:	true	**Own/Oper Under:**	true
Permit Status:	Permit Renewed	**Own/Oper Above:**	true
Bus. Phone:	619-420-1413	**Recycle:**	false
Bus. Fax:	0	**RCRA Large Qty Gen:**	false
Last Updated:	12/29/2021 01:01:55 AM	**HHW Collection:**	false
New Georeferenced Column:			
Mailing Address:	744 F Street, CHULA VISTA, CA 91910		

Hazardous Waste and Materials

ID:	133169	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2018-HCHEM-0167037	**Active Permit:**	true
CAS No:	8006-61-9	**Haz Material Type:**	Pure
Last Updated:	01/29/2019 07:57:10 AM	**Trade Secret:**	false
Chemical Name:	Gasoline		
Common Name Inventory:	Gasoline		

ID:	255549	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2019-HWAST-0204712	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	10/25/2019 01:07:22 AM	**Trade Secret:**	false
Chemical Name:	Waste 151. Asbestos-containing waste		
Common Name Inventory:	Waste Asbestos		

ID:	122507	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2017-HCHEM-0162886	**Active Permit:**	true
CAS No:	8006-61-9	**Haz Material Type:**	Pure
Last Updated:	01/17/2018 03:44:24 PM	**Trade Secret:**	false
Chemical Name:	Gasoline		
Common Name Inventory:	Gasoline		

ID:	255548	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2019-HWAST-0204711	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	10/25/2019 01:07:22 AM	**Trade Secret:**	false
Chemical Name:	Waste 221. Waste oil and mixed oil		
Common Name Inventory:	Waste Oil		

ID:	435784	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2021-HWAST-0262197	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	12/29/2021 01:01:55 AM	**Trade Secret:**	false
Chemical Name:	Waste 352 Other organic solids		
Common Name Inventory:	Waste Absorbent & Paper Filters		

ID:	220343	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2019-HWAST-0187006	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	05/29/2019 02:37:32 AM	**Trade Secret:**	false
Chemical Name:	Waste 221. Waste oil and mixed oil		
Common Name Inventory:	Waste Oil		

ID:	133176	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2018-HWAST-0141763	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	01/29/2019 07:57:10 AM	**Trade Secret:**	false
Chemical Name:	Waste 331. Off-specification, aged or surplus organics		
Common Name Inventory:	Waste Aerosol Liquids		

ID:	122504	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2017-HCHEM-0162883	**Active Permit:**	true
CAS No:	64742-54-7	**Haz Material Type:**	Pure
Last Updated:	01/17/2018 03:44:24 PM	**Trade Secret:**	false
Chemical Name:	Motor Oil		
Common Name Inventory:	Lubricating Oils		

ID: 212112 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0211344 **Active Permit:** true
CAS No: 68476-30-2 **Haz Material Type:** Pure
Last Updated: 03/16/2019 12:41:57 AM **Trade Secret:** false
Chemical Name: Diesel Fuel, No. 2
Common Name Inventory: Diesel Fuel, No. 2

ID: 220344 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0187007 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Waste 151. Asbestos-containing waste
Common Name Inventory: Waste Asbestos

ID: 122512 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0138537 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/17/2018 03:44:24 PM **Trade Secret:** false
Chemical Name: Waste 135 Unspecified Aqueous Solution
Common Name Inventory: Parts Washer

ID: 13777 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0126131 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 11/29/2017 12:41:43 AM **Trade Secret:** false
Chemical Name: Motor Oil
Common Name Inventory: Motor Oil 15W-30/15W-40/Hydraulic Oil AWO-68

ID: 435785 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0262198 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Waste 331. Off-specification, aged or surplus organics
Common Name Inventory: Waste Aerosol Liquids

ID: 267453 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0245354 **Active Permit:** true
CAS No: 68476-30-2 **Haz Material Type:** Pure
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Diesel Fuel, No. 2
Common Name Inventory: Diesel Fuel, No. 2

ID: 13785 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0104950 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/29/2017 12:41:43 AM **Trade Secret:** false
Chemical Name: Waste 151. Asbestos-containing waste
Common Name Inventory: Waste Asbestos

ID: 220346 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0187009 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Waste 352 Other organic solids
Common Name Inventory: Waste Absorbent & Paper Filters

ID: 212119 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0183539 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/16/2019 12:41:58 AM **Trade Secret:** false
Chemical Name: Waste 352 Other organic solids
Common Name Inventory: Waste Absorbent & Paper Filters

ID: 220337 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0216869 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Motor Oil
Common Name Inventory: Lubricating Oils

ID: 220342 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0187005 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol
Common Name Inventory: AntiFreeze Coolant "Used & New"

ID: 13783 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0126137 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 11/29/2017 12:41:43 AM **Trade Secret:** false
Chemical Name: Oxygen
Common Name Inventory: Oxygen

ID: 212110 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0211342 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 03/16/2019 12:41:57 AM **Trade Secret:** false
Chemical Name: Motor Oil
Common Name Inventory: Lubricating Oils

ID: 122509 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0138534 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/17/2018 03:44:24 PM **Trade Secret:** false
Chemical Name: Ethylene Glycol
Common Name Inventory: AntiFreeze Coolant "Used & New"

ID: 435782 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0262195 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Waste 151. Asbestos-containing waste
Common Name Inventory: Waste Asbestos

ID: 435783 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0262196 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Waste 135 Unspecified Aqueous Solution
Common Name Inventory: Parts Washer

ID: 212120 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0183540 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/16/2019 12:41:58 AM **Trade Secret:** false
Chemical Name: Waste 331. Off-specification, aged or surplus organics
Common Name Inventory: Waste Aerosol Liquids

ID: 122506 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0162885 **Active Permit:** true
CAS No: 68476-30-2 **Haz Material Type:** Pure
Last Updated: 01/17/2018 03:44:24 PM **Trade Secret:** false
Chemical Name: Diesel Fuel, No. 2
Common Name Inventory: Diesel Fuel, No. 2

ID: 133174 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0141761 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/29/2019 07:57:10 AM **Trade Secret:** false
Chemical Name: Waste 135 Unspecified Aqueous Solution
Common Name Inventory: Parts Washer

ID: 435780 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0262193 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol

Common Name Inventory: AntiFreeze Coolant "Used & New"

ID: 133168 | **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0167036 | **Active Permit:** true
CAS No: 68476-30-2 | **Haz Material Type:** Pure
Last Updated: 01/29/2019 07:57:10 AM | **Trade Secret:** false
Chemical Name: Diesel Fuel, No. 2
Common Name Inventory: Diesel Fuel, No. 2

ID: 13781 | **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0126135 | **Active Permit:** true
CAS No: 68476-30-2 | **Haz Material Type:** Pure
Last Updated: 11/29/2017 12:41:43 AM | **Trade Secret:** false
Chemical Name: Diesel Fuel, No. 2
Common Name Inventory: Diesel Fuel, No. 2

ID: 122511 | **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0138536 | **Active Permit:** true
CAS No: | **Haz Material Type:**
Last Updated: 01/17/2018 03:44:24 PM | **Trade Secret:** false
Chemical Name: Waste 151. Asbestos-containing waste
Common Name Inventory: Waste Asbestos

ID: 122508 | **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0162887 | **Active Permit:** true
CAS No: 7782-44-7 | **Haz Material Type:** Pure
Last Updated: 01/17/2018 03:44:24 PM | **Trade Secret:** false
Chemical Name: Oxygen
Common Name Inventory: Oxygen

ID: 133175 | **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0141762 | **Active Permit:** true
CAS No: | **Haz Material Type:**
Last Updated: 01/29/2019 07:57:10 AM | **Trade Secret:** false
Chemical Name: Waste 352 Other organic solids
Common Name Inventory: Waste Absorbent & Paper Filters

ID: 13779 | **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0126133 | **Active Permit:** true
CAS No: 107-21-1 | **Haz Material Type:** Pure
Last Updated: 11/29/2017 12:41:43 AM | **Trade Secret:** false
Chemical Name: Ethylene Glycol
Common Name Inventory: AntiFreeze Coolant

ID: 13782 | **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0126136 | **Active Permit:** true
CAS No: 8006-61-9 | **Haz Material Type:** Pure
Last Updated: 11/29/2017 12:41:43 AM | **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Gasoline

ID: 267452 | **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0245353 | **Active Permit:** true
CAS No: 74-86-2 | **Haz Material Type:** Pure
Last Updated: 02/13/2020 02:46:47 AM | **Trade Secret:** false
Chemical Name: Acetylene
Common Name Inventory: Acetylene

ID: 13780 | **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0126134 | **Active Permit:** true
CAS No: | **Haz Material Type:** Pure
Last Updated: 11/29/2017 12:41:43 AM | **Trade Secret:** false
Chemical Name: Automatic Transmission Fluid
Common Name Inventory: Automatic Transmission Fluid Mercon/DextonII

ID: 255551 | **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0204714 | **Active Permit:** true
CAS No: | **Haz Material Type:**
Last Updated: 10/25/2019 01:07:22 AM | **Trade Secret:** false

Chemical Name: Waste 352 Other organic solids
Common Name Inventory: Waste Absorbent & Paper Filters

ID: 133173 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0141760 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/29/2019 07:57:10 AM **Trade Secret:** false
Chemical Name: Waste 151. Asbestos-containing waste
Common Name Inventory: Waste Asbestos

ID: 133170 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0167038 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 01/29/2019 07:57:10 AM **Trade Secret:** false
Chemical Name: Oxygen
Common Name Inventory: Oxygen

ID: 435776 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0293299 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Acetylene
Common Name Inventory: Acetylene

ID: 133167 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0167035 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 01/29/2019 07:57:10 AM **Trade Secret:** false
Chemical Name: Acetylene
Common Name Inventory: Acetylene

ID: 255543 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0234546 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 10/25/2019 01:07:20 AM **Trade Secret:** false
Chemical Name: Acetylene
Common Name Inventory: Acetylene

ID: 267461 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0216176 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Waste 331. Off-specification, aged or surplus organics
Common Name Inventory: Waste Aerosol Liquids

ID: 133172 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0141759 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/29/2019 07:57:10 AM **Trade Secret:** false
Chemical Name: Waste 221. Waste oil and mixed oil
Common Name Inventory: Waste Oil

ID: 255544 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0234547 **Active Permit:** true
CAS No: 68476-30-2 **Haz Material Type:** Pure
Last Updated: 10/25/2019 01:07:20 AM **Trade Secret:** false
Chemical Name: Diesel Fuel, No. 2
Common Name Inventory: Diesel Fuel, No. 2

ID: 267457 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0216172 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Waste 221. Waste oil and mixed oil
Common Name Inventory: Waste Oil

ID: 220345 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0187008 **Active Permit:** true
CAS No: **Haz Material Type:**

Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Waste 135 Unspecified Aqueous Solution
Common Name Inventory: Parts Washer

ID: 13784 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0104949 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/29/2017 12:41:43 AM **Trade Secret:** false
Chemical Name: Waste 221. Waste oil and mixed oil
Common Name Inventory: Waste Oil

ID: 220340 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0216872 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Pure
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Gasoline

ID: 220341 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0216873 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Oxygen
Common Name Inventory: Oxygen

ID: 122513 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0138538 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/17/2018 03:44:24 PM **Trade Secret:** false
Chemical Name: Waste 352 Other organic solids
Common Name Inventory: Waste Absorbent & Paper Filters

ID: 255542 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0234545 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 10/25/2019 01:07:20 AM **Trade Secret:** false
Chemical Name: Motor Oil
Common Name Inventory: Lubricating Oils

ID: 255546 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0234549 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 10/25/2019 01:07:20 AM **Trade Secret:** false
Chemical Name: Oxygen
Common Name Inventory: Oxygen

ID: 255550 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0204713 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 10/25/2019 01:07:22 AM **Trade Secret:** false
Chemical Name: Waste 135 Unspecified Aqueous Solution
Common Name Inventory: Parts Washer

ID: 435779 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0293302 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Oxygen
Common Name Inventory: Oxygen

ID: 267455 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0245356 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Oxygen
Common Name Inventory: Oxygen

ID: 13787 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0104952 **Active Permit:** true

CAS No: **Haz Material Type:**
Last Updated: 11/29/2017 12:41:43 AM **Trade Secret:** false
Chemical Name: Waste 352 Other organic solids
Common Name Inventory: Waste Absorbent

ID: 267451 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0245352 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Motor Oil
Common Name Inventory: Lubricating Oils

ID: 220347 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0187010 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Waste 331. Off-specification, aged or surplus organics
Common Name Inventory: Waste Aerosol Liquids

ID: 13778 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0126132 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 11/29/2017 12:41:43 AM **Trade Secret:** false
Chemical Name: Acetylene
Common Name Inventory: Acetylene

ID: 133166 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0167034 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 01/29/2019 07:57:10 AM **Trade Secret:** false
Chemical Name: Motor Oil
Common Name Inventory: Lubricating Oils

ID: 122510 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0138535 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/17/2018 03:44:24 PM **Trade Secret:** false
Chemical Name: Waste 221. Waste oil and mixed oil
Common Name Inventory: Waste Oil

ID: 212111 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0211343 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 03/16/2019 12:41:57 AM **Trade Secret:** false
Chemical Name: Acetylene
Common Name Inventory: Acetylene

ID: 267458 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0216173 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Waste 151. Asbestos-containing waste
Common Name Inventory: Waste Asbestos

ID: 133171 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0141758 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/29/2019 07:57:10 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol
Common Name Inventory: AntiFreeze Coolant "Used & New"

ID: 267456 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0216171 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol
Common Name Inventory: AntiFreeze Coolant "Used & New"

ID: 122514 **Permit Status:** Permit Renewed

Child Record ID: DEH2017-HWAST-0138539 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/17/2018 03:44:24 PM **Trade Secret:** false
Chemical Name: Waste 331. Off-specification, aged or surplus organics
Common Name Inventory: Waste Aerosol Liquids

ID: 255545 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0234548 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Pure
Last Updated: 10/25/2019 01:07:20 AM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Gasoline

ID: 267459 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0216174 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Waste 135 Unspecified Aqueous Solution
Common Name Inventory: Parts Washer

ID: 220339 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0216871 **Active Permit:** true
CAS No: 68476-30-2 **Haz Material Type:** Pure
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Diesel Fuel, No. 2
Common Name Inventory: Diesel Fuel, No. 2

ID: 435775 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0293298 **Active Permit:** true
CAS No: 64742-54-7 **Haz Material Type:** Pure
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Motor Oil
Common Name Inventory: Lubricating Oils

ID: 212113 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0211345 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Pure
Last Updated: 03/16/2019 12:41:57 AM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Gasoline

ID: 435777 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0293300 **Active Permit:** true
CAS No: 68476-30-2 **Haz Material Type:** Pure
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Diesel Fuel, No. 2
Common Name Inventory: Diesel Fuel, No. 2

ID: 122505 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0162884 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 01/17/2018 03:44:24 PM **Trade Secret:** false
Chemical Name: Acetylene
Common Name Inventory: Acetylene

ID: 435781 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0262194 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Waste 221. Waste oil and mixed oil
Common Name Inventory: Waste Oil

ID: 267454 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0245355 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Pure
Last Updated: 02/13/2020 02:46:47 AM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Gasoline

ID: 13788 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0104953 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/29/2017 12:41:43 AM **Trade Secret:** false
Chemical Name: Waste 331. Off-specification, aged or surplus organics
Common Name Inventory: Misc Aerosols

ID: 13786 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0104951 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/29/2017 12:41:43 AM **Trade Secret:** false
Chemical Name: Waste 135 Unspecified Aqueous Solution
Common Name Inventory: Parts Washer

ID: 220338 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0216870 **Active Permit:** true
CAS No: 74-86-2 **Haz Material Type:** Pure
Last Updated: 05/29/2019 02:37:32 AM **Trade Secret:** false
Chemical Name: Acetylene
Common Name Inventory: Acetylene

ID: 212118 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0183538 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/16/2019 12:41:58 AM **Trade Secret:** false
Chemical Name: Waste 135 Unspecified Aqueous Solution
Common Name Inventory: Parts Washer

ID: 212115 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0183535 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/16/2019 12:41:58 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol
Common Name Inventory: AntiFreeze Coolant "Used & New"

ID: 212116 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0183536 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/16/2019 12:41:58 AM **Trade Secret:** false
Chemical Name: Waste 221. Waste oil and mixed oil
Common Name Inventory: Waste Oil

ID: 435778 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0293301 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Pure
Last Updated: 12/29/2021 01:01:55 AM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Gasoline

ID: 255547 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0204710 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 10/25/2019 01:07:22 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol
Common Name Inventory: AntiFreeze Coolant "Used & New"

ID: 255552 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0204715 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 10/25/2019 01:07:22 AM **Trade Secret:** false
Chemical Name: Waste 331. Off-specification, aged or surplus organics
Common Name Inventory: Waste Aerosol Liquids

ID: 212117 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0183537 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/16/2019 12:41:58 AM **Trade Secret:** false
Chemical Name: Waste 151. Asbestos-containing waste
Common Name Inventory: Waste Asbestos

ID: 267460
Child Record ID: DEH2020-HWAST-0216175
CAS No:
Last Updated: 02/13/2020 02:46:47 AM
Chemical Name: Waste 352 Other organic solids
Common Name Inventory: Waste Absorbent & Paper Filters
Permit Status: Permit Renewed
Active Permit: true
Haz Material Type:
Trade Secret: false

ID: 212114
Child Record ID: DEH2019-HCHEM-0211346
CAS No: 7782-44-7
Last Updated: 03/16/2019 12:41:57 AM
Chemical Name: Oxygen
Common Name Inventory: Oxygen
Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Pure
Trade Secret: false

Hazardous Materials Inspection Violations

Container Tank ID:
Facility ID No: 37-000-120099
ID: 7137
UST ID: 24773
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification:
Violation Code: 2030002 Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test. 23 CCR 16 2638
Inspection No: 4936479
Inspection Type: Routine
Inspection Date: 12/18/2013 01:12:00 PM
Compliance Date: 12/18/2013 12:00:00 AM
Last Updated: 12/29/2021 01:01:55 AM
NOV: false

Container Tank ID:
Facility ID No: 37-000-120099
ID: 7138
UST ID: 24773
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification:
Violation Code: 2030016 Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected. 23 CCR 16 2631(g), 2632(c)(2)(A)&(B), 2633(c), 2636(f).
Inspection No: 4936479
Inspection Type: Routine
Inspection Date: 12/18/2013 01:12:00 PM
Compliance Date: 12/19/2013 12:00:00 AM
Last Updated: 12/29/2021 01:01:55 AM
NOV: false

Container Tank ID:
Facility ID No: 37-000-120099
ID: 7139
UST ID: 24773
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification:
Violation Code: 2030050 (RD) Failure to conduct 0.1 gallon per hour piping integrity test every three years. 23 CCR 2643(d)
Inspection No: 5397957
Inspection Type: Routine
Inspection Date: 12/14/2016 06:40:00 PM
Compliance Date: 12/28/2016 12:00:00 AM
Last Updated: 12/29/2021 01:01:55 AM
NOV: false

Container Tank ID:
Facility ID No: 37-000-120099
ID: 50866
UST ID: 24773
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification:
Violation Code: 2030036 (TCR 9b) Failure to comply with one or more of the following overfill prevention equipment requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 5. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. 6. For USTs installed before October 1,
Inspection No: 6303754
Inspection Type: Routine
Inspection Date: 12/19/2019 12:00:00 AM
Compliance Date: 05/26/2020 12:00:00 AM
Last Updated: 12/29/2021 01:01:55 AM
NOV: false

2018, perform an inspection by October 13, 2018 and every 36 months thereafter. 7. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. 8. Inspected within 30 days after a repair to the overfill prevention equipment. 9. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. 10. Inspected by a certified UST service technician. 11. Maintain records of overfill prevention equipment inspection for 36 months. 23 CCR 2635(c)(1), 2635(d), 2637.2(a-c), 2665, 2712(b)(1)(G)

Container Tank ID:		**Inspection No:**	6303754
Facility ID No:	37-000-120099	**Inspection Type:**	Routine
ID:	50865	**Inspection Date:**	12/19/2019 12:00:00 AM
UST ID:	24773	**Compliance Date:**	12/19/2019 12:00:00 AM
Permit Status:	Permit Renewed	**Last Updated:**	12/29/2021 01:01:55 AM
Active Permit:	true	**NOV:**	false
Program Element:	Underground Storage Tank		
Violation Classification:	Class II		
Violation Code:	2030050 (TCR 9d) Failure to conduct 0.1 gallon per hour piping integrity test at any of the following times: Every 36 months. Within 30 days of the date of the completion of a repair to the piping. 23 CCR 2643(d), 2661(f)		

HMD Permits Map Data

GIS Facility ID:	37-000-120099	**Status:**	
GIS CERS ID:	10357768	**ER Contact:**	951-956-0411
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	**ER Con Work Ph:**	619-409-6852
Per Type:		**Census Tract:**	125.01
Per Sub Type:		**Parcel Zip:**	91910
Per Cat:		**Community:**	Chula Vista
Record Status:	Permit Renewed	**Jurisdiction:**	CHULA VISTA
HW TIer:	Not Applicable	**Basin No:**	909.12
LRG QTY MW Gener:	No	**BOS Dist:**	1
EPA ID No:	CAL000004840	**Tbpg Grid:**	
RMP CAL ARP:	Not Applicable	**Insp Dist:**	HT206
Tank Owner:	4	**Feature ID:**	5670900200
SIC Code:	4941	**X Coord:**	6301001.04
NAICS Code:		**Y Coord:**	1811848.206
Disclose Qty Haz Mat:	Y	**Kiva Per Typ:**	HK07 120099
Exp Date:	6/29/2020	**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6301001.04000001
UST Facility:	Motor Vehicle Fueling	**Point Y:**	1811848.206
Total No USTs:	1	**Lat GS84:**	32.6350388
No of Tanks:		**Lon GS84:**	-117.0967854
Own Oper APS:	Y	**Loc Name:**	
Tot APSA Cap:	2613	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	Y	**Side:**	
Recycle100:	N	**X Map Coord:**	-117.09668483782035
Onsite Haz Waste Tre:	N	**Y Map Coord:**	32.634909543572654
RCRA LRG Qty:	N	**User Fld:**	
Haz Wst Coll Site:	N	**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:	N	**ARC City:**	
Toxic Gas:	No	**ARC Zipcode:**	
Hazmat EHS:	N	**ARC State:**	
Hazmat Rad:	No	**ARC APN:**	
Haz Waste Rad:	N	**Zip:**	
Haz Waste EHS:	N	**Farm Nursery:**	
Full Name:	SWEETWATER AUTHORITY	**Indian or Territory:**	N
Email Perm:		**County ID:**	
Phone Perm:	619-420-1413	**Bill Code 2:**	Not Applicable
Site Address:	744 F ST	**Bill Code 3:**	Not Applicable
Parcel No:	567-090-02-00	**Univ Waste Gen Type:**	
Record Ali:	Unified Program Facility Permit		
Address:	744 F ST		
Business Type:	UST - Non Retail - No Repair Service		
Bill Code:	Not Applicable		
ER Con Name:	Greg Snyder		
ER Con Title:	Director of Distribution		
Water Purv:	CHULA VISTA		
Fire Agency:	CHULA VISTA		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Geo SRC: Mapped to record APN/Parcel XY center
Match Addr:
Hirt Flag: No
Frhmbp Report Filename: HMBP120099.pdf
Frhmbp Sitemap Filename: MAP_120099.pdf

HMD Facility Data

ID: 30968
Record ID: DEH2002-HUPFP-120099
Facility ID No: 37-000-120099
Tank ID No: 24773
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: SWEETWATER AUTHORITY
Facility Type Ust Facility: Motor Vehicle Fueling
Tank Capacity in Galons: 10000
Date Ust Permanently Closed:

Tank Status: Active
Tank Contents: Regular Unleaded
Tank Use: Motor Vehicle Fueling
Type of Tank: Single Wall
Piping System Type: Conventional Suction
Last Updated: 12/29/2021 01:01:55 AM

20	9 of 16	NNE	0.11 / 591.47	33.76 / 15	SWEETWATER AUTHORITY 744 F ST CHULA VISTA CA 91910	UST

Facility ID: 37-000-120099
CERS ID: 10357768
County: San Diego
Permitting Agency: San Diego County Department of Environmental Health
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search

Latitude: 32.63504
Longitude: -117.09679

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Local Agency/District
Tank ID No.: 24773
Tank Status: Confirmed/Updated Information
Tank Type: Single Wall
Tank Alarms: Yes
Tank Ball Float: No
Tank Operator Name: Sweetwater Authority
Tank Operator Mail Address: 744 F Street
Tank Operator Mail City: Chula Vista
Tank Operator Mail State: Ca
Tank Operator Mail Zip: 91910
Tank Owner Name: Sweetwater Authority
Tank Owner Mailing Address: 744 F Street
Tank Owner Mailing City: Chula Vista
Tank Owner Mailing State: CA
Tank Owner Mailing Zip: 91910
Tank Capacity Gallons: 10000
Tank Piping Construction: Single Walled
Tank Piping Type: Conventional Suction
Tank Pw Piping Construction: None
Tank Sacrificial Anode: Yes

Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Regular Unleaded
Tank Cp Impr Curr: No
Tank Cp Shutoff: No
Tank Installatn Dt: 9/1/1979 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Other
Tank Spill Bucket: Yes
Tribal Lands: No

20	10 of 16	NNE	0.11 / 591.47	33.76 / 15	SWEETWATER AUTHORITY 744 F ST CHULA VISTA CA 91910	CERS TANK

Site ID: 158667
Longitude: -117.096872

Latitude: 32.634918

Regulated Programs

EI ID: 10357768
EI Description: Chemical Storage Facilities

EI ID: T0607302820
EI Description: Cleanup Program Site

EI ID: 10357768
EI Description: Underground Storage Tank

EI ID: 10357768
EI Description: Hazardous Waste Generator

EI ID: 10357768
EI Description: Aboveground Petroleum Storage

Violations

Violation Date: 12/19/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2661(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2661(f)
Violation Notes:

Returned to compliance on 12/19/2019. Inspection Sequence ID:6303754;Tank ID:24773;Violation Description:(TCR 9d) Failure to conduct 0.1 gallon per hour piping integrity test at any of the following times: Every 36 months. Within 30 days of the date of the completion of a repair to the piping. 23 CCR 2643(d), 2661(f)

Violation Description:

"For single-walled conventional suction systems, failure to conduct 0.1 gallon per hour piping integrity test at one of the following times:
Every 36 months.
Within 30 days of the date of the completion of a repair to the piping."

Violations

Violation Date: 12/19/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Returned to compliance on 05/26/2020. Inspection Sequence ID:6303754;Tank ID:24773;Violation Description:(TCR 9b) Failure to comply with one or more of the following overfill prevention equipment requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 5. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equip

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 12/18/2013 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)
Violation Notes:

Returned to compliance on 12/19/2013.

Violation Description:

Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.

Violations

Violation Date: 12/18/2013 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Notes:

Returned to compliance on 12/18/2013.

Violation Description:

Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test

Violations

Violation Date: 12/14/2016 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2643(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(d)
Violation Notes:

Returned to compliance on 12/28/2016.

Violation Description:

Failure to conduct 0.1 gallon per hour piping integrity test every three years for single-walled conventional suction systems.

Evaluations

Eval Date: 12/14/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Villena Elaine Inspection ID:5397957; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:4936479; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/01/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Villena Elaine Inspection ID:5781199; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/14/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:5180972; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/05/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Inspection ID:6032980; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/05/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Inspection ID:6032980; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/01/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Villena Elaine Inspection ID:5781199; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/16/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Ayala Anthony Inspection ID:6639555; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/05/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Inspection ID:6032980; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/01/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Inspector: Villena Elaine Inspection ID:5781199; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:4999272; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/14/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Villena Elaine Inspection ID:5397957; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/16/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval Notes:

Inspector: Ayala Anthony Inspection ID:6639555; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/19/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Ayala Anthony Inspection ID:6303754; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:4999272; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/14/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:5180972; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/01/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Villena Elaine Inspection ID:5781199; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:4999272; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/16/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health

Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Ayala Anthony Inspection ID:6639555; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:4936479; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/14/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:5180972; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:4936479; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/05/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Inspection ID:6032980; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Joaquino Billie Marcos Inspection ID:4999272; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/16/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection

Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Inspector: Ayala Anthony Inspection ID:6639555; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/28/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Halsey Christopher Inspection ID:6828163; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Document Preparer
Entity Name: Dan Bresniker
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 744 F Street
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910
Phone:

Affil Type Desc: Legal Owner
Entity Name: Sweetwater Authority
Entity Title:
Address: 744 F Street
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 420-1413

Affil Type Desc: Identification Signer
Entity Name: Dan Bresniker
Entity Title: Safety Coordinator
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: UST Property Owner Name
Entity Name: Sweetwater Authority
Entity Title:
Address: 744 F Street
City: Chula Vista

State: CA
Country: United States
Zip Code: 91910
Phone: (619) 420-1413

Affil Type Desc: Environmental Contact
Entity Name: Dan Bresniker
Entity Title:
Address: 744 F ST
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910
Phone:

Affil Type Desc: UST Permit Applicant
Entity Name: Dan Bresniker
Entity Title: Safety Coordinator
Address:
City:
State:
Country:
Zip Code:
Phone: (619) 409-6867

Affil Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title:
Address: PO Box 129261
City: San Diego
State: CA
Country:
Zip Code: 92112-9261
Phone: (858) 505-6880

Affil Type Desc: UST Tank Owner
Entity Name: Sweetwater Authority
Entity Title:
Address: 744 F Street
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 420-1413

Affil Type Desc: Local Agency Caseworker
Entity Name: KEVIN HEATON - SAN DIEGO COUNTY LOP
Entity Title:
Address: P.O. Box 129261
City: San Diego
State: CA
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Sweetwater Authority
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (619) 420-1413

Affil Type Desc: UST Tank Operator
Entity Name: Sweetwater Authority
Entity Title:
Address: 744 F Street

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City: Chula Vista
State: Ca
Country: United States
Zip Code: 91910
Phone: (619) 420-1413

Affil Type Desc: Property Owner
Entity Name: Sweetwater Authority
Entity Title:
Address: 744 F ST
City: CHULA VISTA
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 420-1413

Affil Type Desc: Parent Corporation
Entity Name: Sweetwater Authority
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code: HWG
Program ID: 10357768
Latitude: 32.635040
Longitude: -117.096790
Coord Name:
Ref Point Type Desc: Center of a facility or station.

20	11 of 16	NNE	0.11 / 591.47	33.76 / 15	AT&T Mobility - HWY 5 AND F (USID46284) 744 F ST CHULA VISTA CA 91910	CERS HAZ

Site ID: 372113
Latitude: 32.635040
Longitude: -117.096786
County:

Regulated Programs

EI ID: 10675141
EI Description: Chemical Storage Facilities

Evaluations

Eval Date: 04/25/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6141024; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/06/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health

Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Khan Steven Inspection ID:5642921; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Legal Owner
Entity Name: New Cingular Wireless PCS, LLC dba AT&T Mobility
Entity Title:
Address: 308 S. Akard St., 17th Floor
City: Dallas
State: TX
Country: United States
Zip Code: 75202
Phone: (214) 464-1712

Affil Type Desc: Document Preparer
Entity Name: Peter Burnell, Sigma Consultants, Inc.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: AT&T Mobility
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (800) 566-9347

Affil Type Desc: Parent Corporation
Entity Name: AT&T Mobility
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title:
Address: PO Box 129261
City: San Diego
State: CA
Country:
Zip Code: 92112-9261
Phone: (858) 505-6880

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 308 S. Akard St., 17th Floor
City: Dallas
State: TX
Country:
Zip Code: 75202
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Environmental Contact
Entity Name: AT&T EH&S Hotline - Option #1
Entity Title:
Address: 308 S. Akard St., 17th Floor
City: Dallas
State: TX
Country:
Zip Code: 75202
Phone:

Affil Type Desc: Identification Signer
Entity Name: Jeremy McGrue
Entity Title: National EPCRA Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code: HMBP
Program ID: 10675141
Latitude: 32.635040
Longitude: -117.096790
Coord Name:
Ref Point Type Desc: Center of a facility or station.

20	12 of 16	NNE	0.11 / 591.47	33.76 / 15	***SWEETWATER AUTHORITY*** ***744 "F" STREET*** ***CHULA VISTA CA***	***HIST TANK***

Owner Name: SWEETWATER AUTHORITY
Owner Street: 744 "F" STREET
Owner City: CHULA VISTA
Owner State: CA
Owner Zip: 92010
No of Containers: 4
County: SAN DIEGO
Facility State: CA
Facility Zip: 92010

20	13 of 16	NNE	0.11 / 591.47	33.76 / 15	***SWEETWATER AUTHORITY*** ***744 F STREET*** ***CHULA VISTA CA 91910-0000***	***RCRA NON GEN***

EPA Handler ID: CAL000004840
Gen Status Universe: No Report
Contact Name: DAN BRESNIKER
Contact Address: 744 F STREET, CHULA VISTA, CA, 91910,
Contact Phone No and Ext: 619-409-6867
Contact Email: DBRESNIKER@SWEETWATER.ORG
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 19891114
Location Latitude: 32.636347
Location Longitude: -117.097443

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19891114
Handler Name:	SWEETWATER AUTHORITY
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	744 F STREET
Name:	DAN BRESNIKER	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-409-6867	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	PO BOX 2328
Name:	SWEETWATER AUTHORITY	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-420-1413	***Country:***	
Source Type:	Implementer	***Zip Code:***	91912-2328

20	***14 of 16***	***NNE***	***0.11 / 591.47***	***33.76 / 15***	***SWEETWATER AUTHORITY 744 F ST CHULA VISTA CA***	***UST SWEEPS***

C C:	I37-000-20099	***D Filename:***	NSITE1
BOE:	44-023093	***Page No:***	225
Comp:	20099	***County:***	SAN DIEGO
Status:	INACTIVE	***State :***	CA
No of Tanks:	2	***Zip:***	91910
Jurisdict:	SAN DIEGO COUNTY	***Latitude:***	32.637125
Agency:	SAN DIEGO COUNTY - U.S.T.	***Longitude:***	-117.094562
Phone:	(619) 420-1413	***Georesult:***	S5HPNTSCZA

Tank Details

Tank ID:	000003	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	37-000-020099-000003	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	UNKNOWN	***P Contain:***	OTHER
A Date:		***Content:***	REG UNLEADED
Capac:	10000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Details

Tank ID:	000004	***S Contain:***	NONE
O Tank ID:		***Stg:***	
SWRCB No:	37-000-020099-000004	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	UNKNOWN	***P Contain:***	OTHER
A Date:		***Content:***	LEADED
Capac:	10000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
20	15 of 16	NNE	0.11 / 591.47	33.76 / 15	SWEETWATER AUTHORITY 744 F ST CHULA VISTA CA	UST SWEEPS

C C:	A37-000-20099	***D Filename:***	SITE02A
BOE:	44-023093	***Page No:***	53
Comp:	20099	***County:***	SAN DIEGO
Status:	ACTIVE	***State :***	CA
No of Tanks:	2	***Zip:***	91910
Jurisdict:	SAN DIEGO COUNTY	***Latitude:***	32.637125
Agency:	SAN DIEGO COUNTY - U.S.T.	***Longitude:***	-117.094562
Phone:		***Georesult:***	S5HPNTSCZA

Tank Details

Tank ID:	000001	***S Contain:***	
O Tank ID:		***Stg:***	W
SWRCB No:	37-000-020099-000001	***Storage :***	
Removed:		***Storag Type:***	WASTE
Installed:		***P Contain:***	
A Date:		***Content:***	
Capac:	550	***ONA:***	
Tank Use:	PETROLEUM	***D File Name:***	TANK2A

Tank Details

Tank ID:	000002	***S Contain:***	
O Tank ID:		***Stg:***	P
SWRCB No:	37-000-020099-000002	***Storage :***	
Removed:		***Storag Type:***	PRODUCT
Installed:		***P Contain:***	
A Date:		***Content:***	OTHER
Capac:	2000	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	TANK2A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
20	16 of 16	NNE	0.11 / 591.47	33.76 / 15	SWEETWATER AUTHORITY 744 F ST CHULA VISTA CA 91910	UST SANDIEGO

Facility ID:	37-000-120099	***RCRA Large Qty. Gen:***	false
Record ID:	DEH2002-HUPFP-120099	***HHW Collection:***	false
CERS ID:	10357768	***Recycle:***	false
EPA ID No:	CAL000004840	***Own or Operate UG:***	true
Permit Status:	Permit Renewed	***Own or Operate AG:***	true
Active Permit:	true	***Business Phone:***	619-420-1413
Haz. Mat. On-Site:	true	***Business Fax:***	0
Haz. Waste Gen:	true	***Last Updated:***	2022 Jun 24 02:31:13 AM
Onsite Haz Wt Trt:	false		
Mailing Address:	744 F Street, CHULA VISTA, CA 91910		

Tank Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank ID:	24773	**Tank Capacity in Gal:**	10000
Tank Status:	Active	**Tank Contents:**	Regular Unleaded
Permit Status:	Permit Renewed	**Tank Use:**	Motor Vehicle Fueling
Active Permit:	true	**Piping Sys Type:**	Conventional Suction
Dt UST Perm Closed:		**Fac Type (UST Fac):**	Motor Vehicle Fueling
Type of Tank:	Single Wall	**Last Updated:**	2022 Jun 24 02:31:13 AM
Tank Owner Name:	SWEETWATER AUTHORITY		

21	1 of 2	NW	0.11 / 595.79	15.66 / -3	ROHR INC 850LAGOON DR CHULA VISTA CA 91910	EMISSIONS

2007 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	204.845576
CO:	37	**ROGT:**	25.9820542
Air Basin:	SD	**COT:**	18.606772
District:	SD	**NOXT:**	4.81491
COID:	SD	**SOXT:**	.1219656
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	.54460318
CHAPIS:		**PM10T:**	.54450118

2007 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:	8		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	223.384998
CO:	37	**ROGT:**	19.520685
Air Basin:	SD	**COT:**	41.485609
District:	SD	**NOXT:**	8.73591
COID:	SD	**SOXT:**	.121720853
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	.450563389
CHAPIS:		**PM10T:**	.450462389

2008 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:	7.7		
Non-Cancer Chronic Haz Ind:	.1		
Non-Cancer Acute Haz Ind:	.1		

2009 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	191.23
CO:	37	**ROGT:**	13.243888
Air Basin:	SD	**COT:**	20.05
District:	SD	**NOXT:**	4.33
COID:	SD	**SOXT:**	.1
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	.16
CHAPIS:		**PM10T:**	.16

2009 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	186.7
CO:	37	**ROGT:**	14.245416
Air Basin:	SD	**COT:**	6.47
District:	SD	**NOXT:**	5
COID:	SD	**SOXT:**	.27
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	.18
CHAPIS:		**PM10T:**	.17

2011 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	99	**CERR Code:**	
Facility SIC Code:	3728	**TOGT:**	186.7
CO:	37	**ROGT:**	14.245416
Air Basin:	SD	**COT:**	6.47
District:	SD	**NOXT:**	5

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

COID:	SD	**SOXT:**	.27
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	.18
CHAPIS:		**PM10T:**	.17

2012 Toxic Data

Facility ID:	99	**COID:**	SD
Facility SIC Code:	3728	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

21	*2 of 2*	*NW*	*0.11 / 595.79*	*15.66 / -3*	***ROHRInc.-UTC Areospace (FormerBFGoodrich Aerospace) 850 Lagoon Chula Vista CA 91910***	***CDO/CAO***

Facility ID:	209429	**Design Flow:**	
Facility Type:	All other facilities	**Complexity:**	
Status:	Active	**Pretreatment:**	
Status Date:	7/17/2014	**Fee Code:**	
Place Type:	Manufacturing	**SIC Code 1:**	3724
Place Sub Type:	Manufacturing NEC	**SIC Desc 1:**	Aircraft Engines and Engine Parts
Agency Type:	Privately-Owned Business	**SIC Code 2:**	
No of Agencies:	1	**SIC Desc 2:**	
Program:	SLIC	**SIC Code 3:**	
No of Programs:	1	**SIC Desc 3:**	
WD ID:	9 000262N97	**NAICS Code 1:**	
Reg Measure ID:	161233	**NAICS Desc 1:**	
Region 1:	9	**NAICS Code 2:**	
Order No:		**NAICS Desc 2:**	
NPDES No Cano:		**NAICS Code 3:**	
Major Minor:		**NAICS Desc 3:**	
NPDES Type:		**No of Places:**	1
Reclamation:		**Staff Assigned:**	Tommy Alo
Dredge Fill Fee:		**Place County:**	San Diego
A301H:		**Place Latitude:**	32.6318
Effective Date:	7/17/2014	**Place Longitude:**	-117.10167
Region:	9	**Source of Facility:**	Reg Meas
Agency Name:	BF Goodrich Aerospace		
Status 1:	Active		
Facility Waste Type:			
Facility Waste Type 3:			
Facility Waste Type 4:			
Facility Waste Type 2:			
Title:	CAO R9-2014-0019 for BF Goodrich Aerospace		
Description:			
Threat to Water Quality:			
Reg Measure Type:	Unregulated		
Program 1:	SLIC		
No of Programs 1:	1		
Enforcement ID EID:	397303		
Order Resolution No:	R9-2014-0019		
Enforcement Action Type:	Clean-up and Abatement Order		
Effective Date 1:	6/24/2014		
Year Effective:	6/24/2014		
Adoption Issuance Date:			
Achieve Date:			
Year Effective2:			
ACL Issuance Date:			
EPL Issuance Date:			
Latest Milestone Completion Da:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability Amount:	0
Project Amount:	0
Application Fee Amt Received:	
Liability Paid:	0
Project Completed:	0
Total Paid Completed Amount:	0
Agency Issuing Enf:	
Date of Oldest Violation Linke:	6/24/1998
Rank 1 Violations:	1
Rank 2 Violations:	0
Rank 3 Violations:	0
Unclassified Violations:	0
Atox Violations No:	0
Expiration Review Date:	
Termination Date:	
WDR Review Amend:	
WDR Review Revise Renew:	
WDR Review Resc Ind:	
WDR Review No Action Required:	
WDR Review Pending:	
WDR Review Planned:	
Status Enrollee:	No
Individual General:	I
No of Staff Assigned:	1
Supervisor:	
No of Supervisors:	
Direction Voice:	Passive
Region 2:	9
Assigned Staff:	
No of Assigned Staff:	1
Supervisor2:	
No of Supervisors 1:	

Program Category:	TANKS	**Tot No of VIO Linked :**	1
Program Category 1:	TANKS	**Ctox Violations No:**	0
Late Report VIO No:	0	**Dfcnt Monitor VIO No:**	0
OEV VIO No:	0	**Dfcnt Report VIO No:**	0
Other Codes VIO No:	0	**Enfcmt Act VIO No:**	0
Permit Condit VIO No:	0	**Fees Violations No:**	0
Pretreatment VIO No:	0	**Groundwater VIO No:**	0
SSO Violations No:	0	**Hydro Mod VIO No:**	0
Surface Wtr VIO No:	0	**Effluent MMP Serious:**	0
SWPPP Violations No:	0	**Chronic MMP:**	0
Total MMP VIO No:	0	**Report MMP Serious:**	0
Priority Violations:	0	**Economic Benefit:**	
BMP Violations No:	0	**Staff Cost:**	
Cat1 Violations No:	0	**Max Pot Liability:**	
Cat2 Violations No:	0	**Termination Date 1:**	
Reporting F to Notify VIO No:	0		
Unauthorized Discharge VIO No:	1		
Basin Plan Prohibition VIO:	0		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	1 of 2	E	0.11 / 602.46	23.82 / 5	THE NAJAR FAMILY TRUST 455 COLORADO AVE, UNIT D CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAC003076413
Gen Status Universe:	No Report
Contact Name:	THE NAJAR FAMILY TRUST
Contact Address:	10121 BURROCK DR, SANTEE, CA, 92071,
Contact Phone No and Ext:	619-807-7662
Contact Email:	ERIKAM@CVECORP.COM
Contact Country:	
County Name:	SAN DIEGO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA Region: 09
Land Type:
Receive Date: 20200727
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200727
Handler Name: THE NAJAR FAMILY TRUST
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: THE NAJAR FAMILY TRUST
Date Became Current:
Date Ended Current:
Phone: 619-807-7662
Source Type: Implementer
Street No:
Street 1: 10121 BURROCK DR
Street 2:
City: SANTEE
State: CA
Country:
Zip Code: 92071

Owner/Operator Ind: Current Operator
Type: Other
Name: THE NAJAR FAMILY TRUST
Date Became Current:
Date Ended Current:
Phone: 619-807-7662
Source Type: Implementer
Street No:
Street 1: 10121 BURROCK DR
Street 2:
City: SANTEE
State: CA
Country:
Zip Code: 92071

22	2 of 2	E	0.11 / 602.46	23.82 / 5	ARCELIA GONZALEZ 455 COLORADO AVE UNIT D CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC003075750
Gen Status Universe: No Report
Contact Name: ARCELIA GONZALEZ

Contact Address:	11622 EL CAMINO REAL, STE 100, SAN DIEGO, CA, 92130,
Contact Phone No and Ext:	619-229-2440
Contact Email:	ERIKAM@CVECORP.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20200721
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200721
Handler Name:	ARCELIA GONZALEZ
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	11622 EL CAMINO REAL, STE 100
Name:	ARCELIA GONZALEZ	**Street 2:**	
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-229-2440	**Country:**	
Source Type:	Implementer	**Zip Code:**	92130

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	11622 EL CAMINO REAL, STE 100
Name:	ARCELIA GONZALEZ	**Street 2:**	
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-229-2440	**Country:**	
Source Type:	Implementer	**Zip Code:**	92130

23	*1 of 9*	*ESE*	*0.12 / 615.79*	*23.94 / 6*	***H STREET TRANSIT STATION 745 H ST***	***RCRA SQG***

EPA Handler ID: CAR000187492
Gen Status Universe: Small Quantity Generator
Contact Name: TIM ALLISON
Contact Address: 1225 IMPERIAL AVE, STE 1000, SAN DIEGO, CA, 92101, US
Contact Phone No and Ext: 619-595-4903
Contact Email: TIM.ALLISON@SDMTS.COM
Contact Country: US
County Name: SAN DIEGO
EPA Region: 09
Land Type: Municipal
Receive Date: 20070924
Location Latitude: 32.629584
Location Longitude: -117.094632

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20070924
Handler Name: H STREET TRANSIT STATION
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Municipal
Name: METROPOLITAN TRANSIT DEVELOPMENT BOARD
Date Became Current: 19790424
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1: 1225 IMPERIAL AVE
Street 2: STE 1000
City: SAN DIEGO
State: CA
Country: US
Zip Code: 92101

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Municipal	**Street 1:**	
Name:	METROPOLITAN TRANSIT DEVELOPMENT BOARD	**Street 2:**	
Date Became Current:	19810726	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	

23	2 of 9	ESE	0.12 / 615.79	23.94 / 6	MTDB 745 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH2003-LSAM-H39642-001	**BOS District:**	1
Record ID (DEH):	DEH2003-LSAM-H39642-001	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	6/24/2009, 8:00 PM
ID:	5452	**Opened Date:**	10/9/2003, 8:00 PM
Object ID:	5448	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T0607310406	**Jurisdiction:**	CHULA VISTA
Feature ID:	5671902900	**Census Tract:**	125.01
Parcel No:	567-190-29-00	**Watershed Basin:**	909.12
Case No:		**GT Global ID:**	T0607310406
H No:	H39642	**GT RB Case No:**	2090042
KIVA per Tp per No:	6SAM H39642	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	10/10/2003	**GT Latitude:**	32.62984291
Per Type:	LWQD	**GT Longitude:**	-117.09438801
Primary Parcel:	YES	**Latitude GS84:**	32.6301266
Primary Address:	YES	**Longitude GS84:**	-117.094783
Address Type:	ALIAS	**Point X:**	6301541.46175389
City:	CHULA VISTA	**Point Y:**	1810103.56350456
Community:	Chula Vista	**X:**	6301562.885
Zip Code:	91910	**Y:**	1810132.012
Zip Community:	91910	**X1:**	-117.09488361694055
Agency Name:	COSD	**Y1:**	32.63012677381524

Project Name:	MTDB
Address:	745 H ST, CHULA VISTA CA 91910
Historical Name:	MTDB
Record Name:	MTDB
Street String:	745 H ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Open - Assessment & Interim Remedial Action
Case Type:	
Funding:	N - Non-Billable
Geo SRC:	Mapped to XY from previous SAM layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

23	3 of 9	ESE	0.12 / 615.79	23.94 / 6	MTDB 745 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH2008-LSAM-H39642-002	**BOS District:**	1
Record ID (DEH):	DEH2008-LSAM-H39642-002	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	7/7/2008, 8:00 PM
ID:	5971	**Opened Date:**	7/7/2008, 8:00 PM
Object ID:	5967	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T10000000291	**Jurisdiction:**	CHULA VISTA
Feature ID:	5671902900	**Census Tract:**	125.01

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Parcel No:	567-190-29-00	**Watershed Basin:**	909.12
Case No:	H39642-002	**GT Global ID:**	T10000000291
H No:	H39642	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H39642	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	07/08/2008	**GT Latitude:**	32.62982032
Per Type:	LWQD	**GT Longitude:**	-117.09448457
Primary Parcel:	YES	**Latitude GS84:**	32.6301266
Primary Address:	YES	**Longitude GS84:**	-117.094783
Address Type:	ALIAS	**Point X:**	6301562.88493939
City:	CHULA VISTA	**Point Y:**	1810132.01193848
Community:	Chula Vista	**X:**	6301562.885
Zip Code:	91910	**Y:**	1810132.012
Zip Community:	91910	**X1:**	-117.09481478638916
Agency Name:	COSD	**Y1:**	32.63020543600736

Project Name:	MTDB
Address:	745 H ST, CHULA VISTA CA 91910
Historical Name:	FORMER EXXON
Record Name:	MTDB
Street String:	745 H ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Completed - Case Closed
Case Type:	VAP - Voluntary Assistance Program
Funding:	XV - Non-Billable VAP
Geo SRC:	Mapped to parcel centroid using AA XY
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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23	*4 of 9*	*ESE*	*0.12 / 615.79*	*23.94 / 6*	***MTDB*** ***745 H ST*** ***CHULA VISTA CA 91910***	***CLEANUP SITES***

Global ID:	T10000000291	**Latitude:**	32.6298203171667
County:	SAN DIEGO	**Longitude:**	-117.094484567642
Status Date:	7/24/2009		
Status:	COMPLETED - CASE CLOSED		
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	
Local Case No:	H39642-002
Begin Date:	8/28/2008
Lead Agency:	SAN DIEGO COUNTY LOP
Local Agency:	
CUF Case:	NO
CalEnvScreen Score:	
EPA Region:	9
Qty Rlsd Gallons:	
Potential COC:	
How Discovered:	
Stop Method:	
Stop Description:	
Case Worker:	
Military DoD Site:	No
Leak Reported Dt:	
No Further Action Dt:	2009-07-24 00:00:00
Potential Media of Concern:	
How Discovered Description:	

Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Manual Entry on Screens
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 90-95%
File Location:
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 2008-08-28 00:00:00

Status: Completed - Case Closed
Status Date: 2009-07-24 00:00:00

Status: Open - Case Begin Date
Status Date: 2008-08-28 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000000291
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 7/24/2009
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H39642-002
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000000291&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 2/25/2013
Received Issue Date: 2/25/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000000291&enforcement_id=6150196&temptable=ENFORCEMENT

Title Description Comments:

Administrative Case Closure Memo

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type:	Site Documents	***Document Date:***	2/25/2013
Type:	CLOSURE/NO FURTHER ACTION LETTER	***Submitted:***	
Submitted By:	ELLEN BEACON (REGULATOR)		
Title:	ADMINISTRATIVE CASE CLOSURE MEMO		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000000291&enforcement_id=6150196		

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status:	Open - Case Begin Date
Date:	8/28/2008
Status:	Open - Site Assessment
Date:	8/28/2008
Status:	Completed - Case Closed
Date:	7/24/2009

23	***5 of 9***	***ESE***	***0.12 / 615.79***	***23.94 / 6***	***MTDB*** ***745 H ST, CHULA VISTA, CA 91910*** ***CHULA VISTA CA***	***LOP SANDIEGO***

SWRCB Global ID:	T0607310406	***Parcel No:***	567-190-29-00
Record ID:	DEH2003-LSAM-H39642-001	***Census Tract:***	125.01
Record Status:	Completed	***Zip Code 2:***	91910
Opened Date:	10/10/2003	***Community:***	Chula Vista
Case Type:		***Jurisdiction:***	CHULA VISTA
Historical Name:	MTDB	***Watershed Basin No:***	909.12
Lead Agency:	RWQCB	***Latitude GS 84:***	32.6301266
Lead Agency Date:	6/25/2009	***Longitude GS 84:***	-117.0947830
Funding:	N - Non-Billable	***X Map Coord:***	6301562.885
Fire Agency:	CHULA VISTA	***Y Map Coord:***	1810132.012
Water Purveyor:	CHULA VISTA		
File Case Type:	CASES WITH NO CASE TYPE		

23	***6 of 9***	***ESE***	***0.12 / 615.79***	***23.94 / 6***	***EXXONMOBIL OIL CORP 99MTS*** ***745 H STREET GW MONITORING WELLS*** ***CHULA VISTA CA 91910***	***RCRA SQG***

EPA Handler ID:	CAR000208108
Gen Status Universe:	Small Quantity Generator
Contact Name:	DONNA HYMES
Contact Address:	800 E WASHINGTON ST, WEST CHESTER, PA, 19380, US
Contact Phone No and Ext:	610-430-8151
Contact Email:	DHYMES@JD2ENV.COM
Contact Country:	US
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	Private
Receive Date:	20170927
Location Latitude:	32.629584
Location Longitude:	-117.094632

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records

associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20140917
Handler Name:	EXXONMOBIL OIL CORP 99MTS
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	20170927
Handler Name:	EXXONMOBIL OIL CORP 99MTS
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	135
Waste Code Description:	Unspecified aqueous solution
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE
Hazardous Waste Code:	133
Waste Code Description:	Aqueous solution with 10% or more total organic residues

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100325
Handler Name: EXXONMOBIL OIL CORP 99MTS
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: 133
Waste Code Description: Aqueous solution with 10% or more total organic residues

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Municipal
Name: METROPOLITAN TRANSIT DEVELOPMENT BOARD
Date Became Current: 19800924
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1: 1255 IMPERIAL AVE
Street 2: STE 1000
City: SAN DIEGO
State: CA
Country: US
Zip Code: 92101

Owner/Operator Ind: Current Owner
Type: Private
Name: METROPOLITAN TRANSIT SYSTEM MTS
Date Became Current: 19800924
Date Ended Current:
Phone: 619-231-1466
Source Type: Notification
Street No:
Street 1: 1255 IMPERIAL AVE
Street 2: STE 1000
City: SAN DIEGO
State: CA
Country: US
Zip Code: 92101

Owner/Operator Ind: Current Operator
Type: Private
Name: EXXONMOBIL ENVIRONMENTAL SVCS
Date Became Current: 20090901
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: EXXONMOBIL ENVIRONMENTAL SVCS
Date Became Current: 20090901
Date Ended Current:
Phone: 832-624-6081
Source Type: Notification
Street No: 22777
Street 1: SPRINGWOODS VILLAGE PKWY
Street 2:
City: SPRING
State: TX
Country: US
Zip Code: 77389

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Historical Handler Details

Receive Dt: 20100325
Generator Code Description: Small Quantity Generator
Handler Name: EXXONMOBIL OIL CORP 99MTS

Receive Dt: 20140917
Generator Code Description: Large Quantity Generator
Handler Name: EXXONMOBIL OIL CORP 99MTS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	7 of 9	ESE	0.12 / 615.79	23.94 / 6	FORMER EXXONMOBIL / MTS STATION 745 H ST CHULA VISTA CA 91910	LUST

Global ID: T0607310406
Status Date: 5/4/2021
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Census Tract: 6073012501
Match Key: T0607310406
County: SAN DIEGO
Latitude: 32.6298429059738
Longitude: -117.094388008118

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: YES
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Worker: LT
Local Agency:
RB Case No: 2090042
Local Case No:
File Location: Regional Board
Potential COC: Gasoline
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 4/1/2003
How Discovered:
How Discovered Description:
Stop Method: Other Means
Stop Description: OTHER MEANS **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Disadvantaged Community
CalEnvScreen Score:
Coordinate Source: Manual Entry on Screens
Discharge Cause: Other
Discharge Source:
EPA Region: 9
Leak Reported Dt: 2003-10-10 00:00:00
Military DoD Site: No
No Further Action Dt:
Qty Rlsd Gallons: 200
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 90-95%
Site History:

and the southern portion of former Colorado Avenue (Figure 2). The southeastern portion of the site (lots 7, 8, 17, and 18) was developed as a Humble-branded gasoline station from 1966 to 1972 and operated as an Exxon-branded gasoline service station from 1972 to 1978. The remaining portion of the site was vacant until developed as residential homes in approximately 1953. In 1980, the San Diego Metropolitan Transit Development Board acquired the site and developed it as an MTS train and bus station and associated parking lot. The former site configuration for the Humble/Exxon service station consisted of a service station building with two service bays, one hydraulic hoist, one clarifier, two dispenser islands south of the service station building, and three 8,000-gallon underground storage tanks (USTs), west of the service station building. The installation and removal dates of these improvements were not documented in the City of Chula Vista building records; however, station construction permits were obtained by Humble Oil in 1965. As part of an investigation for an adjacent gasoline station, PSH was encountered on the site. Due to the presence of petroleum hydrocarbons and the historic site use the DEH opened a case on this site.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 10/20/2022
Action: Remedial Progress Report

Action Type: RESPONSE
Date : 4/30/2011
Action: Soil and Water Investigation Report

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: LALITHA THOTAKURA
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: lalitha.thotakura@waterboards.ca.gov
Phone No: 6195213002

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Remediation
Status Date: 5/8/2017

Status: Open - Assessment & Interim Remedial Action
Status Date: 5/4/2021

Status: Open - Remediation
Status Date: 12/8/2003

Status: Open - Assessment & Interim Remedial Action
Status Date: 5/11/2009

Status: Open - Case Begin Date
Status Date: 4/1/2003

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: FORMER EXXONMOBIL / MTS STATION
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Address: 745 H ST
City: CHULA VISTA
Zip: 91910
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607310406
Cleanup Status Detail: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION AS OF 5/4/2021
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607310406&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 2090042
CASEWORKER: LALITHA THOTAKURA
SAN DIEGO COUNTY LOP - CASE #: H39642-001
CUF Claim: 20538
CUF Priority Assig: D
CUF Amount Paid: $990,000

WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

and the southern portion of former Colorado Avenue (Figure 2). The southeastern portion of the site (lots 7, 8, 17, and 18) was developed as a Humble-branded gasoline station from 1966 to 1972 and operated as an Exxon-branded gasoline service station from 1972 to 1978. The remaining portion of the site was vacant until developed as residential homes in approximately 1953. In 1980, the San Diego Metropolitan Transit Development Board acquired the site and developed it as an MTS train and bus station and associated parking lot.

The former site configuration for the Humble/Exxon service station consisted of a service station building with two service bays, one hydraulic hoist, one clarifier, two dispenser islands south of the service station building, and three 8,000-gallon underground storage tanks (USTs), west of the service station building. The installation and removal dates of these improvements were not documented in the City of Chula Vista building records; however, station construction permits were obtained by Humble Oil in 1965.

As part of an investigation for an adjacent gasoline station, PSH was encountered on the site. Due to the presence of petroleum hydrocarbons and the historic site use the DEH opened a case on this site.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Assessment & Interim Remedial Action
Date : 5/11/2009

Status: Open - Case Begin Date
Date : 4/1/2003

Status: Open - Remediation
Date : 5/8/2017

Status: Open - Assessment & Interim Remedial Action
Date : 5/4/2021

Status: Open - Remediation
Date : 12/8/2003

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/14/2008
Received Issue Date: 7/14/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=5982198&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 12/26/2007
Received Issue Date: 12/26/2007
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652213
Title Description Comments:

Workplan Approval

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 7/11/2006
Received Issue Date: 7/11/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652212

Title Description Comments:

Workplan Approval

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/3/2006
Received Issue Date: 3/3/2006
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652217
Title Description Comments:

Friedman & Bruya Forensic Report

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 12/22/2005
Received Issue Date: 12/22/2005
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652211
Title Description Comments:

Workplan Extension Approval

Action Type: Response Requested - Workplans
Action: Well Installation Workplan
Action Date: 12/20/2004
Received Issue Date: 12/20/2004
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652216
Title Description Comments:

Work Plan for Phase II Environmental Site Assessment

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 12/8/2004
Received Issue Date: 12/8/2004
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652210
Title Description Comments:

Unauthorized Release #H39642-001

Action Type: Notices
Action: Notice of Responsibility
Action Date: 12/8/2003
Received Issue Date: 12/8/2003
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 12/3/2003
Received Issue Date: 12/3/2003
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652208
Title Description Comments:

Unauthorized Release #H39642-001

Action Type: Leak Action
Action: Leak Stopped
Action Date: 11/7/2003
Received Issue Date:
Doc Link:

Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 10/10/2003
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 4/1/2003
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 4/1/2003
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 5/13/2010
Received Issue Date: 5/10/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5663706
Title Description Comments:

Workplan for soil vapor sampling and human health risk assessment - Comment letter issued 6/2/2010.

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 4/30/2010
Received Issue Date: 4/7/2010
Doc Link:
Title Description Comments:

1st Qtr 2010 Monitoring Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 3/24/2010
Received Issue Date: 3/24/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6046389&temptable=ENFORCEMENT
Title Description Comments:

Site Assessment Workplan Comment Letter.

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 2/26/2010
Received Issue Date: 2/16/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5659622
Title Description Comments:

Groundwater Monitoring Plan Workplan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/24/2010

Received Issue Date: 2/24/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6043703&temptable=ENFORCEMENT
Title Description Comments:

Response letter to Eric Crocket

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 2/24/2010
Received Issue Date: 2/24/2010
Doc Link:
Title Description Comments:

Eric Crocket letter

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 2/24/2010
Received Issue Date: 2/24/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5661992
Title Description Comments:

Eric Crocket letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/11/2010
Received Issue Date: 2/11/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6042901&temptable=ENFORCEMENT
Title Description Comments:

Comment letter to Fourth Quarter 2009 Status Report.

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/19/2010
Received Issue Date: 1/19/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6041509&temptable=ENFORCEMENT
Title Description Comments:

Response to Limited Phase II Assessment Report and Workplan prepared by ETIC. Requires ExxonMobil to submit a groundwater monitoring workplan, a workplan for additional groundwater assessment, and corrective action plan.

Action Type: Other Regulatory Actions
Action: Meeting
Action Date: 11/30/2009
Received Issue Date: 11/30/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6036800&temptable=ENFORCEMENT
Title Description Comments:

Meeting to discuss results of focused soil and groundwater investigation Meeting with ExxonMobil and MTS to discuss results from focused soil and groundwater investigation and proposed further work. ExxonMobil will submit report of the focused soil and groundwater investigation by the end of Dec 2009. ExxonMobil will begin quarterly groundwater monitoring and free product removal after the wells are transferred to ExxonMobil. ExxonMobil will also evaluate whether the free product plume from the adjacent ARCO facility has migrated onto the site. Issued letter summarizing meeting on 12/1/09.

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 10/8/2009
Received Issue Date: 10/8/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652207
Title Description Comments:

Unauthorized Release of Hazardous Materials From an UST #H39642-001

Action Type: Other Regulatory Actions
Action: Site Visit / Inspection / Sampling
Action Date: 9/28/2009
Received Issue Date: 9/28/2009
Doc Link:
Title Description Comments:

Site inspection Site visit to observe direct push soil sampling.

Action Type: Notices
Action: Notice of Responsibility
Action Date: 9/17/2009
Received Issue Date: 9/17/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6030425&temptable=ENFORCEMENT
Title Description Comments:

Change in Responsibile Party

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 6/18/2009
Received Issue Date: 6/18/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6018300&temptable=ENFORCEMENT
Title Description Comments:

Referral to Regional Board

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 4/7/2009
Received Issue Date: 4/7/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652219
Title Description Comments:

Request for Case Transfer to the RWQCB

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/27/2009
Received Issue Date: 3/27/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6008301&temptable=ENFORCEMENT
Title Description Comments:

WORKPLAN -- 3-27-09

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 3/27/2009
Received Issue Date: 3/27/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652215
Title Description Comments:

Soil Vapor Sampling Workplan Approval

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/19/2008
Received Issue Date: 11/19/2008

Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=5993998&temptable=ENFORCEMENT
Title Description Comments:

REPORT -- 11-19-08

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/19/2008
Received Issue Date: 11/19/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5652214
Title Description Comments:

Continue Groundwater Monitoring Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/11/2010
Received Issue Date: 2/11/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6043704&temptable=ENFORCEMENT
Title Description Comments:

Response letter to Linda Beresford

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/10/2013
Received Issue Date: 7/10/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6169016&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation for Site Cleanup Cost Recovery Program: 2013/2014

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2013
Received Issue Date: 1/30/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077411
Title Description Comments:

Groundwater Monitoring Report

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/8/2012
Received Issue Date: 11/8/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5759352
Title Description Comments:

745 H Street, Chula Vista - Meeting between MTS and ExxonMobil

Action Type: Response Requested - Reports
Action: CAP/RAP - Other Report
Action Date: 8/30/2012
Received Issue Date: 8/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5755944
Title Description Comments:

Additional comment on CAP.

Action Type: Response Requested - Reports
Action: CAP/RAP - Other Report - Regulator Responded

Action Date: 8/30/2012
Received Issue Date: 8/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5755572
Title Description Comments:

Comments on Corrective Action Plan.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2012
Received Issue Date: 7/30/2012
Doc Link:
Title Description Comments:

Groundwater Monitoring Report

Action Type: Response Requested - Reports
Action: Pilot Study/ Treatability Report
Action Date: 7/1/2012
Received Issue Date: 7/6/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5754689
Title Description Comments:

Work Plan Approval

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2012
Received Issue Date: 1/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077409
Title Description Comments:

Groundwater Monitoring Report

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 2/28/2011
Received Issue Date: 2/28/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6073334
Title Description Comments:

Status Update - 0.5 foot LPH in well MW-18, located in Caltrans ROW.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 2/14/2011
Received Issue Date: 2/14/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6073333
Title Description Comments:

Status Update

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/3/2011
Received Issue Date: 2/3/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6076804&temptable=ENFORCEMENT
Title Description Comments:

Phone call from consultant Discussed and agreed on due dates for assessment report (end of April 2011) and submission of CAP (6/30/2012)

Action Type: Response Requested - Other
Action: Correspondence

Action Date: 2/3/2011
Received Issue Date: 2/3/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5712946
Title Description Comments:

Project Schedule

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/7/2011
Received Issue Date: 3/7/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6079745&temptable=ENFORCEMENT
Title Description Comments:

Comments on VES Feasibility Workplan 3/14/2011 email from consultant confirmed that the APCD will not require a permit for the proposed VES pilot test., Comments on Workplan (dated 2/16/2011) to conduct a feasibility test of the use of VES for LPH removal at the site. Only comments pertain to schedule and clarification as to APCD permit for off gas treatment system.

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/30/2011
Received Issue Date: 1/27/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5659628
Title Description Comments:

4th Qtr 2010 Monitoring Report - Groundwater sampling not required.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/27/2011
Received Issue Date: 1/27/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6076016&temptable=ENFORCEMENT
Title Description Comments:

E-mail to ExxonMobil explaining why an Order will be issued.

Action Type: Other Regulatory Actions
Action: Meeting
Action Date: 1/26/2011
Received Issue Date: 1/26/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6076015&temptable=ENFORCEMENT
Title Description Comments:

Telephone Meeting Request from consultant for new due date for site assessment report and corrective action plan.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/19/2010
Received Issue Date: 11/18/2010
Doc Link:
Title Description Comments:

Schedule for implementation of workplan and submission of soil vapor test results and human health risk assessment

Action Type: Other Regulatory Actions
Action: Meeting
Action Date: 9/13/2010
Received Issue Date: 9/13/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6064086&temptable=ENFORCEMENT
Title Description Comments:

Project Status Meeting Meeting with ExxonMobil and consultants to discuss project status. ExxonMobil has completed three "vac truck" free product removal events. They have been able to recover a good amount of product from MW-5. The assessment has been delayed due to issues with site access. Both the City and MTS have required more items then expected (such as having each subcontractor be a signature to the Right of Entry Agreement) and is taking longer. They requested an extension of the due dates for the report and CAP. Also requested to eliminate sampling the only two wells without free product. Responses submitted in Sept. 15, 2010 Letter.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/13/2010
Received Issue Date: 8/13/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6061061&temptable=ENFORCEMENT
Title Description Comments:

Requested clarification on issues related to the Chain of Custody and how samples were maintained prior to receipt by laboratory. ETIC submitted letter with clarifications. The clarifications were acceptable.

Action Type: Notices
Action: Notice of Reimbursement
Action Date: 8/6/2010
Received Issue Date: 8/6/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6060693&temptable=ENFORCEMENT
Title Description Comments:

Cost Recovery Agreement

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2010
Received Issue Date: 8/2/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5659626
Title Description Comments:

2nd Qtr 2010 Monitoring Report

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/2/2010
Received Issue Date: 6/2/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6052623&temptable=ENFORCEMENT
Title Description Comments:

Comments on Human Health Risk Assessment Workplan

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 8/30/2017
Received Issue Date: 8/30/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6339754&temptable=ENFORCEMENT
Title Description Comments:

MW-18 well destruction

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/28/2017
Received Issue Date: 7/28/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5931735
Title Description Comments:

2Q 2017 Semiannual Status and Groundwater Monitoring Report

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/16/2017
Received Issue Date: 6/16/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6323480&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation letter FY 2017/2018

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/26/2017
Received Issue Date: 1/26/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5911641
Title Description Comments:

4Q 2016 Semiannual Status and Groundwater Monitoring Report

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 12/21/2016
Received Issue Date: 12/21/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5908093
Title Description Comments:

Update on Remediation Progress - RP (Exxon Mobil representative Ms. Marla Madden) is working with the property owner and franchisee of Carl's Jr. to obtain access. If unsuccessful, RP to send San Diego Water Board (SDWB) a letter stating that installation of poles on Carl's Jr. property is the only feasible option. Upon receiving this letter, SDWB shall send a 'Request for Property Access' letter to the property owner and franchisee., San Diego Water Board contacted Mr. Mike Borchard (Carl's Jr. franchisee) to discuss property access issues., The San Diego Water Board (SDWB), RP (Exxon Mobil), and ETIC had a conference call. SDWB to contact franchisee of Carl's Jr. to request for access. SDWB also suggested the RP to conduct remediation and submit deliverables as soon as possible without amending the Order.

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/10/2016
Received Issue Date: 11/10/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5905953
Title Description Comments:

Change of Consultant Project Manager Contact

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2016
Received Issue Date: 7/28/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077418
Title Description Comments:

Groundwater Monitoring Report

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/17/2016
Received Issue Date: 6/17/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6319502&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter FY 2016/2017

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/28/2016

Received Issue Date: 1/28/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5877071
Title Description Comments:

4Q 2015 Site Status and GWM Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2015
Received Issue Date: 7/28/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077416
Title Description Comments:

Groundwater Monitoring Report - Groundwater Monitoring Report and recomendations are complete. Reviewed emails from consultant on remedial design and progress for installation and startup.

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/7/2015
Received Issue Date: 7/7/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6263534&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Annually
Action Date: 1/30/2015
Received Issue Date: 1/29/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5843730
Title Description Comments:

Fourth Quarter Groundwater Monitoring Report. - No comments. Also review emails from consultant on remeidation progress.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 1/30/2015
Received Issue Date: 1/29/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077415
Title Description Comments:

Groundwater Monitoring Report - Reviewed the Groundwater Monitoring Report. Recomendations are acceptable.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2014
Received Issue Date: 7/30/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077414
Title Description Comments:

Groundwater Monitoring Report

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/20/2014
Received Issue Date: 6/20/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6222570&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation for Site Cleanup Cost Recovery Program

Action Type: Response Requested - Reports

Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2014
Received Issue Date: 1/30/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077413
Title Description Comments:

Groundwater Monitoring Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2013
Received Issue Date: 7/30/2013
Doc Link:
Title Description Comments:

Groundwater Monitoring Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/22/2022
Received Issue Date: 7/22/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077624
Title Description Comments:

First Half 2022 Site Status, GWM and Remedial Progress Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/22/2022
Received Issue Date: 7/22/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6077625
Title Description Comments:

First Half 2022 Site Status, GWM and Remedial Progress Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/30/2022
Received Issue Date: 6/30/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6498669&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter FY 22/23

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Action Date: 6/7/2022
Received Issue Date: 6/7/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6496269&temptable=ENFORCEMENT
Title Description Comments:

20538 1st RSR Addl Work April 2022

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 4/27/2022
Received Issue Date: 4/27/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6072799
Title Description Comments:

1Q 2022 Remedial Progress Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/26/2022
Received Issue Date: 1/26/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6067711
Title Description Comments:

Second Half 2021 Site Status and GW Monitoring Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/26/2022
Received Issue Date: 1/26/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6067710
Title Description Comments:

Second Half 2021 Site Status and GW Monitoring Report

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 10/26/2021
Received Issue Date: 10/26/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6060338
Title Description Comments:

3Q 2021 Remedial Progress Report

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 4/29/2021
Received Issue Date: 4/29/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6465915&temptable=ENFORCEMENT
Title Description Comments:

CAP Status update

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/21/2021
Received Issue Date: 1/21/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6041504
Title Description Comments:

4Q 2020 Semiannual Site Status and GWM Report

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 9/2/2020
Received Issue Date: 9/2/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6449651&temptable=ENFORCEMENT
Title Description Comments:

Status update of CAP

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 8/25/2020
Received Issue Date: 8/25/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6030513
Title Description Comments:

2020.04.23 - CAP Public Notification Letters_12 Total

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/24/2020
Received Issue Date: 7/24/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6028490
Title Description Comments:

2Q 2020 Semiannual Site Status and GWM Report

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/25/2020
Received Issue Date: 6/25/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6470438&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter FY 20/21

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/22/2020
Received Issue Date: 5/22/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6023858
Title Description Comments:

Historical - Limited Phase II Environmental Assessment dated 03-2009

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/22/2020
Received Issue Date: 5/22/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6023855
Title Description Comments:

Historical - 60-Day Permit Report dated 03-2011

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/22/2020
Received Issue Date: 5/22/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6023857
Title Description Comments:

Historical - Soil Vapor Survey Work Plan dated 03-2009

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/22/2020
Received Issue Date: 5/22/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6023856
Title Description Comments:

Historical - 60-Day Permit Report dated 12-2010

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 10/5/2021
Received Issue Date: 10/5/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6058597
Title Description Comments:

Site Assessment Work Plan - The San Diego Water Board and RP concur that there is no need to implement this work plan.

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 7/6/2021
Received Issue Date: 7/6/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6470626&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter FY 2021-2022

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 6/21/2021
Received Issue Date: 6/21/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6052269
Title Description Comments:

CAP Implementation Update Letter

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 4/21/2020
Received Issue Date: 4/21/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6434169&temptable=ENFORCEMENT
Title Description Comments:

Response to Revised CAP

Action Type: Response Requested - Reports
Action: CAP/RAP - Other Report - Regulator Responded
Action Date: 3/27/2020
Received Issue Date: 3/27/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6018791
Title Description Comments:

Revised Corrective Action Plan 3.27.2020

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/2/2020
Received Issue Date: 3/2/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6428887&temptable=ENFORCEMENT
Title Description Comments:

Water Board response to Revised CAP

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/29/2020
Received Issue Date: 1/29/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6015124
Title Description Comments:

4Q 2019 Semiannual Site Status and Groundwater Monitoring Report

Action Type: Response Requested - Reports
Action: CAP/RAP - Other Report - Regulator Responded
Action Date: 12/23/2019
Received Issue Date: 12/23/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6013245
Title Description Comments:

Revised Corrective Action Plan

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 12/11/2019
Received Issue Date: 12/11/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6422950&temptable=ENFORCEMENT
Title Description Comments:

MTS comments

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/5/2019
Received Issue Date: 11/5/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6420039&temptable=ENFORCEMENT
Title Description Comments:

San Diego Water Board comments on Draft Amended CAP

Action Type: Response Requested - Reports
Action: CAP/RAP - Other Report - Regulator Responded
Action Date: 10/8/2019
Received Issue Date: 10/8/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6008408
Title Description Comments:

Draft Amended CAP

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 8/13/2019
Received Issue Date: 8/13/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6002620
Title Description Comments:

Change of ExxonMobil Env and Property Solutions Company Contact

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/2/2019
Received Issue Date: 8/2/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6413925&temptable=ENFORCEMENT
Title Description Comments:

Water Board response to Amended CAP

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/22/2019
Received Issue Date: 7/22/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6000076
Title Description Comments:

2Q 2019 Semi Annual Site Status, and GWM Report

Action Type: Response Requested - Reports
Action: CAP/RAP - Other Report - Regulator Responded
Action Date: 7/19/2019
Received Issue Date: 7/19/2019

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5999624
Title Description Comments:

Amended Corrective Action Plan

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/26/2019
Received Issue Date: 6/26/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6407377&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 5/31/2019
Received Issue Date: 5/31/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6403911&temptable=ENFORCEMENT
Title Description Comments:

Status update

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 4/29/2019
Received Issue Date: 4/29/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5993241
Title Description Comments:

Well Bolt Repair Report

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/2/2018
Received Issue Date: 11/2/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5978520
Title Description Comments:

Historical County of San Diego correspondence

Action Type: Notices
Action: Letter - Notice
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6374429&temptable=ENFORCEMENT
Title Description Comments:

State Board Invoicing Delay Fiscal Year 2018-19 Letter

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 10/18/2018
Received Issue Date: 10/18/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5977360
Title Description Comments:

SVS Report and Additional Low-Threat Closure Evaluation

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually

Action Date: 7/20/2018
Received Issue Date: 7/20/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5970624
Title Description Comments:

2Q 2018 Semiannual Status and Groundwater Monitoring Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/22/2018
Received Issue Date: 6/22/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6362088&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter FY 2018/2019

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/20/2018
Received Issue Date: 6/20/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6361859&temptable=ENFORCEMENT
Title Description Comments:

Response to Work Plan

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 6/8/2018
Received Issue Date: 6/8/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5966828
Title Description Comments:

Soil Vapor Sampling Work Plan

Action Type: SWRCB Case Review
Action: Closure Denial Review
Action Date: 4/16/2018
Received Issue Date:
Doc Link:
Title Description Comments:

Not a Request for Closure

Action Type: Reports
Action: Other Report
Action Date: 2/28/2018
Received Issue Date: 2/28/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6350643&temptable=ENFORCEMENT
Title Description Comments:

MTS comments on LTCP evaluation

Action Type: Response Requested - Reports
Action: Site Investigation Complete
Action Date: 2/28/2018
Received Issue Date:
Doc Link:
Title Description Comments:

Completion of Soil and Groundwater Cleanup

Action Type: Other Regulatory Actions
Action: Verbal Communication
Action Date: 2/23/2018
Received Issue Date: 2/23/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6350641&temptable=ENFORCEMENT
Title Description Comments:

Follow up to phone conversation

Action Type: Response Requested - Other
Action: Request for Closure - Regulator Responded
Action Date: 2/2/2018
Received Issue Date: 2/2/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5955937
Title Description Comments:

Low Threat Closure Request - Recommendations with respect to site eligibility for closure are not provided in the closure request. Received comments from MTS on the closure request. SD water board and Exxon working on response to comments and facilitate a meeting to discuss site closure status., This is not a closure request. It is only an evaluation of the site with respect to LTCP. Recommendations with respect to site eligibility for closure are not provided in this report. MTS provided on the closure report. SD water board and Exxon working on response to comments and facilitate a meeting to discuss site closure status.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/29/2018
Received Issue Date: 1/29/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5955717
Title Description Comments:

4Q 2017 Semiannual Site Status and GWM Report

Action Type: Agreements
Action: Access Agreement
Action Date: 10/27/2017
Received Issue Date: 10/27/2017
Doc Link:
Title Description Comments:

Telephone conversation San Diego Water Board contacted Mr. Borchard and left him a voicemail to review the access agreement as soon as possible and provide property access to ExxonMobil.

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 10/26/2017
Received Issue Date: 10/26/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6339744&temptable=ENFORCEMENT
Title Description Comments:

Project Update

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 10/1/2017
Received Issue Date:
Doc Link:
Title Description Comments:

Verification Monitoring Work Plan

Action Type: Enforcement/Orders
Action: 13308 Time Schedule Order
Action Date: 1/18/2012
Received Issue Date: 1/18/2012

Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6247463&temptable=ENFORCEMENT
Title Description Comments:

Cleanup and Abatement Order

Action Type: Response Requested - Workplans
Action: Preliminary Site Assessment Workplan
Action Date: 7/29/2011
Received Issue Date: 8/4/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5723072
Title Description Comments:

Work Plan For Addition Site Assessment (LIF)

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/20/2011
Received Issue Date: 6/20/2011
Doc Link:
Title Description Comments:

Status Update

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 6/6/2011
Received Issue Date: 6/6/2011
Doc Link:
Title Description Comments:

Status Update

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/23/2011
Received Issue Date: 5/20/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6073340
Title Description Comments:

Status Update - completed pilot tests

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/9/2011
Received Issue Date: 5/9/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6073339
Title Description Comments:

Status Update

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 4/25/2011
Received Issue Date: 4/25/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6073338
Title Description Comments:

Status Update

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 4/11/2011
Received Issue Date: 4/11/2011

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6073337
Title Description Comments:

Status Update

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/28/2011
Received Issue Date: 3/28/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6073336
Title Description Comments:

Status Update

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/14/2011
Received Issue Date: 3/14/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=6073335
Title Description Comments:

Status Update

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/18/2010
Received Issue Date: 11/18/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5699676
Title Description Comments:

Project Implentation Schedule

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/2/2010
Received Issue Date: 11/2/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6068207&temptable=ENFORCEMENT
Title Description Comments:

Third Quarter 2010 Monitoring Report Comment Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/30/2010
Received Issue Date: 10/25/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5659627
Title Description Comments:

3rd Qtr 2010 Monitoring Report - Groundwater Sampling not required., See letter dated 11/2/2010.

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: *4/30/2011
Received Issue Date: 1/28/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607310406&doc_id=5663707
Title Description Comments:

- Soil Vapor Sampling and Human Health Risk Assessment received on 1/18/2011. On 1/27/2011 consultant requested extension of due date for site assessment report to 4/30/2011.

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 9/15/2010

Received Issue Date: 9/15/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6064090&temptable=ENFORCEMENT
Title Description Comments:

September 13 Meeting Response Approved requests for extension of due dates for Site Assessment Report and Corrective Action Plan and to eliminate groundwater sampling until assessment report is submitted with revised groundwater monitoring plan.

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 11/1/2007 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (HP-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5973849236/T0607310406.pdf

Submitted: 11/1/2007 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1788744866/T0607310406.pdf

Submitted: 3/4/2008 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5520100474/T0607310406.pdf

Submitted: 12/8/2009 ***Submitted By:*** ETIC SAN DIEGO (AUTH_RP)
Title: B2 (B2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3603295743/T0607310406.PDF

Submitted: 4/29/2011 ***Submitted By:*** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-12 (MW-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6052520036/T0607310406.PDF

Submitted: 11/26/2013 ***Submitted By:*** ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) (RW-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3779482007/T0607310406.PDF

Submitted: 10/18/2018 ***Submitted By:*** ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION (SVP-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3339798212/T0607310406.PDF

Submitted: 10/18/2018 ***Submitted By:*** ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION (SVP-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6300091683/T0607310406.PDF

Submitted: 10/18/2018 ***Submitted By:*** ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION (SVP-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5382595956/T0607310406.PDF

Submitted: 11/1/2007 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (HP-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8136357188/T0607310406.pdf

Submitted: 11/1/2007 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2672086954/T0607310406.pdf

Submitted: 11/1/2007 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4953219354/T0607310406.pdf

Submitted: 11/1/2007 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5099104166/T0607310406.pdf

Submitted: 11/1/2007 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6090208292/T0607310406.pdf

Submitted: 2/29/2008 ***Submitted By:*** BRANDON HOFFMAN (AUTH_RP)

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/6323901116/T0607310406.pdf

Submitted: 3/4/2008 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5428501963/T0607310406.pdf

Submitted: 12/8/2009 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: B6 (B6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7646761238/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-16 (MW-16)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7320169031/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-21 (MW-21)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6517205774/T0607310406.PDF

Submitted: 10/18/2018 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION (SVP-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7617737054/T0607310406.PDF

Submitted: 10/18/2018 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION (SVP-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1566769540/T0607310406.PDF

Submitted: 11/1/2007 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (HP-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8331652581/T0607310406.pdf

Submitted: 11/1/2007 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2470570445/T0607310406.pdf

Submitted: 6/4/2008 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (BVB-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5719639658/T0607310406.pdf

Submitted: 12/8/2009 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2509390592/T0607310406.PDF

Submitted: 10/18/2018 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9735763788/T0607310406.PDF

Submitted: 11/1/2007 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/6341753900/T0607310406.pdf

Submitted: 11/1/2007 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (HP-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7423632562/T0607310406.pdf

Submitted: 12/8/2009 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: B7 (B7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5715966641/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-11 (MW-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1190907299/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-13 (MW-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9920060515/T0607310406.PDF

Submitted: 11/26/2013 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) (RW-2)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3424920260/T0607310406.PDF

Submitted: 11/1/2007 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (HP-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6218432366/T0607310406.pdf

Submitted: 11/1/2007 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-23)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8811879038/T0607310406.pdf

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-14 (MW-14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6258478820/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-18 (MW-18)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6258683204/T0607310406.PDF

Submitted: 11/26/2013 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) (RW-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6922670483/T0607310406.PDF

Submitted: 10/18/2018 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION (SVP-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9890423715/T0607310406.PDF

Submitted: 12/8/2009 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: B5 (B5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8719216763/T0607310406.PDF

Submitted: 11/26/2013 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) (RW-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4235263884/T0607310406.PDF

Submitted: 11/1/2007 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4094899058/T0607310406.pdf

Submitted: 3/4/2008 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (MW-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5685484945/T0607310406.pdf

Submitted: 12/8/2009 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: B1 (B1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6013696134/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-19 (MW-19)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2913552820/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-20 (MW-20)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6707279980/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7249444544/T0607310406.PDF

Submitted: 11/26/2013 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) (RW-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1527390956/T0607310406.PDF

Submitted: 11/26/2013 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) (RW-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5561761081/T0607310406.PDF

Submitted: 11/1/2007 **Submitted By:** BRANDON HOFFMAN (AUTH_RP)
Title: GEO_BORE (HP-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2546252191/T0607310406.pdf

Submitted: 12/8/2009 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: B4 (B4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4658591032/T0607310406.PDF

Submitted: 12/8/2009 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: B8 (B8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6493084132/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-15 (MW-15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3101557433/T0607310406.PDF

Submitted: 4/29/2011 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: GEO BORE MW-17 (MW-17)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9916376769/T0607310406.PDF

Submitted: 11/26/2013 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) (RW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3241834282/T0607310406.PDF

Submitted: 11/26/2013 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) (RW-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1583452343/T0607310406.PDF

Submitted: 10/18/2018 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION (SVP-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8704174935/T0607310406.PDF

Submitted: 10/18/2018 **Submitted By:** ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION (SVP-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1958294808/T0607310406.PDF

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents **Document Date:** 9/2/2020
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: STATUS UPDATE OF CAP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6449651

Document Type: Site Documents **Document Date:** 10/8/2019
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: DRAFT AMENDED CAP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6008408

Document Type: Site Documents **Document Date:** 8/2/2019
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: WATER BOARD RESPONSE TO AMENDED CAP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6413925

Document Type: Site Documents **Document Date:** 4/29/2019
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: WELL BOLT REPAIR REPORT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5993241

Document Type: Site Documents **Document Date:** 8/30/2017
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: MW-18 WELL DESTRUCTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6339754

Document Type: Site Documents **Document Date:** 11/10/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: CHANGE OF CONSULTANT PROJECT MANAGER CONTACT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5535833775/T0607310406.PDF

Document Type: Site Documents **Document Date:** 7/6/2012
Type: PILOT STUDY/ TREATABILITY REPORT **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: WORK PLAN APPROVAL - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5754689

Document Type: Site Documents **Document Date:** 7/29/2011
Type: OTHER WORKPLAN **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: WORK PLAN FOR LIF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6610245704/T0607310406.PDF

Document Type: Site Documents **Document Date:** 5/20/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: STATUS UPDATE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6073340

Document Type: Site Documents **Document Date:** 1/12/2011
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: HHRA REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8792863249/T0607310406.PDF

Document Type: Site Documents **Document Date:** 9/13/2010
Type: MEETING **Submitted:**
Submitted By: (REGULATOR)
Title: PROJECT STATUS MEETING **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6064086

Document Type: Site Documents **Document Date:** 2/11/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6042901

Document Type: Site Documents **Document Date:** 1/6/2010
Type: OTHER WORKPLAN **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS LIMITED PHASE II & ASSESSMENT WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5825555264/T0607310406.PDF

Document Type: Site Documents **Document Date:** 9/11/2007
Type: WORKPLANS - INVESTIGATION WP **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: GROUNDWATER INVESTIGATION WORKPLAN JUNE 2006 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4026975870/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/21/2021
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2020 SEMIANNUAL SITE STATUS AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6892229557/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 7/24/2020

Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2020 SEMIANNUAL SITE STATUS AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5691143333/T0607310406.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/22/2019
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2019 SEMI ANNUAL SITE STATUS, AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6425362646/T0607310406.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/30/2012
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q2011 GW RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1561446428/T0607310406.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/29/2011
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q2011 GW RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8639078795/T0607310406.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/29/2010
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: 09Q3 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1900124669/T0607310406.PDF

Document Type: Site Documents ***Document Date:*** 4/29/2021
Type: EMAIL CORRESPONDENCE ***Submitted:***
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: CAP STATUS UPDATE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6465915

Document Type: Site Documents ***Document Date:*** 6/25/2020
Type: ANNUAL ESTIMATION LETTER ***Submitted:***
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: ANNUAL ESTIMATION LETTER FY 20/21 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6470438

Document Type: Site Documents ***Document Date:*** 4/23/2020
Type: CORRESPONDENCE ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2020.04.23 - CAP PUBLIC NOTIFICATION LETTERS_12 TOTAL **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7429479777/T0607310406.PDF

Document Type: Site Documents ***Document Date:*** 4/29/2019
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: WELL BOLT REPAIR REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7463049769/T0607310406.PDF

Document Type: Site Documents ***Document Date:*** 8/30/2012
Type: CAP/RAP - OTHER REPORT ***Submitted:***
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: COMMENTS ON CORRECTIVE ACTION PLAN. - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5755572

Document Type: Site Documents ***Document Date:*** 6/6/2012*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 60 DAY PERMIT RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4061497509/T0607310406.PDF

Document Type: Site Documents **Document Date:** 5/31/2012
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: MTS SAR RPT-PART 2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9094937920/T0607310406.PDF

Document Type: Site Documents **Document Date:** 4/28/2011
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: SITE ASSESSMENT REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6690308570/T0607310406.PDF

Document Type: Site Documents **Document Date:** 3/28/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: STATUS UPDATE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6073336

Document Type: Site Documents **Document Date:** 3/14/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: STATUS UPDATE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6073335

Document Type: Site Documents **Document Date:** 11/18/2010
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: PROJECT IMPLENTATION SCHEDULE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5699676

Document Type: Site Documents **Document Date:** 8/13/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6061061

Document Type: Site Documents **Document Date:** 6/18/2009
Type: REFERRAL TO REGIONAL BOARD **Submitted:**
Submitted By: (REGULATOR)
Title: REFERRAL TO REGIONAL BOARD **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6018300

Document Type: Site Documents **Document Date:** 3/27/2009
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: SOIL VAPOR SAMPLING WORKPLAN APPROVAL - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652215

Document Type: Site Documents **Document Date:** 3/26/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - SOIL VAPOR SURVEY WORK PLAN DATED 03-2009 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1159700870/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/26/2022
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: SECOND HALF 2021 SITE STATUS AND GW MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6737155497/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/26/2017
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2016 SEMIANNUAL STATUS AND GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1455877900/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/29/2015*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2014 QMR **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4371101140/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 5/11/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: 08Q4 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5308258533/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/29/2013
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2012 SITE STATUS & GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7098844408/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 7/27/2012
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2012 SITE STATUS AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1261169373/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/16/2009*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: 08Q3 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9670517444/T0607310406.PDF

Document Type: Site Documents **Document Date:** 6/30/2022
Type: STAFF LETTER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: ANNUAL ESTIMATION LETTER FY 22/23 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6498669

Document Type: Site Documents **Document Date:** 10/26/2021
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 3Q 2021 REMEDIAL PROGRESS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9470767438/T0607310406.PDF

Document Type: Site Documents **Document Date:** 6/26/2019
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: ANNUAL ESTIMATION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6407377

Document Type: Site Documents **Document Date:** 5/31/2019
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: STATUS UPDATE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6403911

Document Type: Site Documents **Document Date:** 2/23/2018
Type: VERBAL COMMUNICATION **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)

Title: FOLLOW UP TO PHONE CONVERSATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6350641

Document Type: Site Documents **Document Date:** 11/30/2012
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: CORRECTIVE ACTION PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9448806047/T0607310406.PDF

Document Type: Site Documents **Document Date:** 5/31/2012
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: MTS SAR RPT-PART 1 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9684574902/T0607310406.PDF

Document Type: Site Documents **Document Date:** 1/27/2011
Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: PROGRESS UPDATE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1205042541/T0607310406.PDF

Document Type: Site Documents **Document Date:** 12/3/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS 60 DAY PERMIT RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5603669524/T0607310406.PDF

Document Type: Site Documents **Document Date:** 11/19/2008
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: CONTINUE GROUNDWATER MONITORING LETTER - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652214

Document Type: Monitoring Reports **Document Date:** 7/28/2021
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: FIRST HALF 2021 SITE STATUS AND GW MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8194240868/T0607310406.PDF

Document Type: Site Documents **Document Date:** 11/18/2010
Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS UPDATED SCHEDULE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9841187477/T0607310406.PDF

Document Type: Site Documents **Document Date:** 8/6/2010
Type: NOTICE OF REIMBURSEMENT **Submitted:**
Submitted By: (REGULATOR)
Title: COST RECOVERY AGREEMENT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6060693

Document Type: Site Documents **Document Date:** 6/2/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: COMMENTS ON HUMAN HEALTH RISK ASSESSMENT WORKPLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6052623

Document Type: Site Documents **Document Date:** 1/19/2010
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: STAFF LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6041509

Document Type: Site Documents **Document Date:** 10/8/2009

Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: UNAUTHORIZED RELEASE OF HAZARDOUS MATERIALS FROM AN UST #H39642-001 - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652207

Document Type: Site Documents **Document Date:** 9/12/2007
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: GROUNDWATER INVESTIGATION REPORT AUGUST 2007 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4099856317/T0607310406.PDF

Document Type: Site Documents **Document Date:** 12/20/2004
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: (REGULATOR)
Title: WORK PLAN FOR PHASE II ENVIRONMENTAL SITE ASSESSMENT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652216

Document Type: Monitoring Reports **Document Date:** 7/20/2018
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2018 SEMIANNUAL STATUS AND GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2426642298/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 7/28/2017
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2017 SEMIANNUAL STATUS AND GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5154474079/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/30/2014*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2013 SITE STATUS & GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1077004611/T0607310406.PDF

Document Type: Site Documents **Document Date:** 12/23/2019
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: REVISED CORRECTIVE ACTION PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7406029760/T0607310406.PDF

Document Type: Site Documents **Document Date:** 6/22/2018
Type: STAFF LETTER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: ANNUAL ESTIMATION LETTER FY 2018/2019 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6362088

Document Type: Site Documents **Document Date:** 6/20/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: RESPONSE TO WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6361859

Document Type: Site Documents **Document Date:** 10/26/2017
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: PROJECT UPDATE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6339744

Document Type: Site Documents **Document Date:** 2/25/2013

Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL COUNTY OF SAN DIEGO CORRESPONDENCE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2513928353/T0607310406.PDF

Document Type: Site Documents ***Document Date:*** 11/8/2012
Type: CORRESPONDENCE ***Submitted:***
Submitted By: (REGULATOR)
Title: 745 H STREET, CHULA VISTA - MEETING BETWEEN MTS AND EXXONMOBIL **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5759352

Document Type: Site Documents ***Document Date:*** 8/2/2011
Type: OTHER WORKPLAN ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: GW PUMP TEST WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8129587829/T0607310406.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/24/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: FOURTH QUARTER 2007 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9419065713/T0607310406.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/2/2010*
Type: MONITORING REPORT - OTHER ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS 1Q2010 STATUS RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5644418179/T0607310406.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/25/2011
Type: MONITORING REPORT - OTHER ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q2010 STATUS RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1614484429/T0607310406.PDF

Document Type: Monitoring Reports ***Document Date:*** 2/3/2010
Type: MONITORING REPORT - OTHER ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS 4Q2009 STATUS RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3608761012/T0607310406.PDF

Document Type: Site Documents ***Document Date:*** 3/2/2020
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: WATER BOARD RESPONSE TO REVISED CAP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6428887

Document Type: Site Documents ***Document Date:*** 7/10/2013
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT ***Submitted:***
Submitted By: (REGULATOR)
Title: ANNUAL ESTIMATION FOR SITE CLEANUP COST RECOVERY PROGRAM: 2013/2014 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6169016

Document Type: Site Documents ***Document Date:*** 3/7/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: (REGULATOR)
Title: COMMENTS ON VES FEASIBILITY WORKPLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6079745

Document Type: Site Documents ***Document Date:*** 2/28/2011

Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: STATUS UPDATE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6073334

Document Type: Site Documents **Document Date:** 2/3/2011
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: PROJECT SCHEDULE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5712946

Document Type: Site Documents **Document Date:** 2/11/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: RESPONSE LETTER TO LINDA BERESFORD **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6043704

Document Type: Site Documents **Document Date:** 3/27/2009
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KATHY L. DENK (REGULATOR)
Title: WORKPLAN -- 3-27-09 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6008301

Document Type: Site Documents **Document Date:** 3/4/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - LIMITED PHASE II ENVIRONMENTAL ASSESSMENT DATED 03-2009 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2996221721/T0607310406.PDF

Document Type: Site Documents **Document Date:** 7/14/2008
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=5982198

Document Type: Site Documents **Document Date:** 12/26/2007
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: WORKPLAN APPROVAL - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652213

Document Type: Site Documents **Document Date:** 12/22/2005
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: WORKPLAN EXTENSION APPROVAL - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652211

Document Type: Monitoring Reports **Document Date:** 7/29/2014*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2014 QMR **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5086992383/T0607310406.PDF

Document Type: Site Documents **Document Date:** 7/6/2012
Type: PILOT STUDY / TREATABILITY WORKPLAN **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: PUMP TEST WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3683979809/T0607310406.PDF

Document Type: Site Documents **Document Date:** 1/18/2012

Type: 13308 TIME SCHEDULE ORDER ***Submitted:***
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: CLEANUP AND ABATEMENT ORDER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6247463

Document Type: Site Documents ***Document Date:*** 8/4/2011
Type: PRELIMINARY SITE ASSESSMENT WORKPLAN ***Submitted:***
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: WORK PLAN FOR ADDITION SITE ASSESSMENT (LIF) - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5723072

Document Type: Site Documents ***Document Date:*** 2/16/2011
Type: OTHER WORKPLAN ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: FEASIBILITY WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1866208672/T0607310406.PDF

Document Type: Site Documents ***Document Date:*** 2/3/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: (REGULATOR)
Title: PHONE CALL FROM CONSULTANT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6076804

Document Type: Site Documents ***Document Date:*** 4/25/2011
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: (REGULATOR)
Title: STATUS UPDATE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6073338

Document Type: Site Documents ***Document Date:*** 9/15/2010
Type: STAFF LETTER ***Submitted:***
Submitted By: (REGULATOR)
Title: SEPTEMBER 13 MEETING RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6064090

Document Type: Site Documents ***Document Date:*** 9/11/2007
Type: REPORTS - INVESTIGATION RPT. ***Submitted:***
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: PHASE II SITE INVESTIGATION APRIL 2006 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2993245005/T0607310406.PDF

Document Type: Site Documents ***Document Date:*** 7/11/2006
Type: CORRESPONDENCE ***Submitted:***
Submitted By: (REGULATOR)
Title: WORKPLAN APPROVAL - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652212

Document Type: Site Documents ***Document Date:*** 12/8/2004
Type: CORRESPONDENCE ***Submitted:***
Submitted By: (REGULATOR)
Title: UNAUTHORIZED RELEASE #H39642-001 - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652210

Document Type: Monitoring Reports ***Document Date:*** 1/29/2019*
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2018 SEMIANNUAL SITE STATUS AND GMW REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8066942691/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/29/2018
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2017 SEMIANNUAL SITE STATUS AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8166366815/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 7/28/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2016 SITE STATUS AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7255835175/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 7/29/2013
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2013 SITE STATUS AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8527891039/T0607310406.PDF

Document Type: Site Documents **Document Date:** 6/21/2021
Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: CAP IMPLEMENTATION UPDATE LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9863930463/T0607310406.PDF

Document Type: Site Documents **Document Date:** 7/19/2019
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: AMENDED CORRECTIVE ACTION PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9494668066/T0607310406.PDF

Document Type: Site Documents **Document Date:** 10/18/2018
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: SVS REPORT AND ADDITIONAL LOW-THREAT CLOSURE EVALUATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9191170752/T0607310406.PDF

Document Type: Site Documents **Document Date:** 6/8/2018
Type: OTHER WORKPLAN **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: SOIL VAPOR SAMPLING WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5699112176/T0607310406.PDF

Document Type: Site Documents **Document Date:** 2/2/2018
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: LOW THREAT CLOSURE REQUEST **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6406851649/T0607310406.PDF

Document Type: Site Documents **Document Date:** 11/25/2013*
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 60-DAY PERMIT REPORT (PERMIT #LMWP000641) **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5503670871/T0607310406.PDF

Document Type: Site Documents **Document Date:** 11/14/2007
Type: WORKPLANS - INVESTIGATION WP **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: GROUNDWATER INVESTIGATION WORKPLAN NOVEMBER 2007 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6827885508/T0607310406.PDF

Document Type: Site Documents **Document Date:** 12/3/2003
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: UNAUTHORIZED RELEASE #H39642-001 - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652208

Document Type: Monitoring Reports **Document Date:** 7/28/2015
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 2Q 2015 SITE STATUS AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1378425359/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 10/27/2011
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 3Q2011 GW RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1773997008/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 4/15/2011
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 1Q2011 GW RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3699360668/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 7/29/2010
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS 2Q2010 GW RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7354714810/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 11/12/2009
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: 09Q2 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4225069344/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 10/28/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: 08Q2 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8585738241/T0607310406.PDF

Document Type: Site Documents **Document Date:** 6/7/2022
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Submitted By: NATALI HOEG (REGULATOR)
Title: 20538 1ST RSR ADDL WORK APRIL 2022 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6496269

Document Type: Site Documents **Document Date:** 4/27/2022
Type: REMEDIAL PROGRESS REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 1Q 2022 REMEDIAL PROGRESS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7656985282/T0607310406.PDF

Document Type: Site Documents **Document Date:** 4/21/2020
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: RESPONSE TO REVISED CAP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6434169

Document Type: Site Documents **Document Date:** 3/27/2020
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: REVISED CORRECTIVE ACTION PLAN 3.27.2020 **Note: Many records provided by the department have a

truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4133581340/T0607310406.PDF

Document Type: Site Documents **Document Date:** 12/11/2019
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: MTS COMMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6422950

Document Type: Site Documents **Document Date:** 8/13/2019
Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: CHANGE OF EXXONMOBIL ENV AND PROPERTY SOLUTIONS COMPANY CONTACT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6631493628/T0607310406.PDF

Document Type: Site Documents **Document Date:** 7/7/2015
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: ANNUAL ESTIMATION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6263534

Document Type: Site Documents **Document Date:** 6/18/2015*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: SITE ASSESSMENT REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1909493625/T0607310406.PDF

Document Type: Site Documents **Document Date:** 8/30/2012
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: ADDITIONAL COMMENT ON CAP. - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5755944

Document Type: Site Documents **Document Date:** 8/30/2012
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: CORRECTIVE ACTION PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9130094170/T0607310406.PDF

Document Type: Site Documents **Document Date:** 3/2/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - 60-DAY PERMIT REPORT DATED 03-2011 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4142763614/T0607310406.PDF

Document Type: Site Documents **Document Date:** 1/26/2011
Type: MEETING **Submitted:**
Submitted By: (REGULATOR)
Title: TELEPHONE MEETING **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6076015

Document Type: Site Documents **Document Date:** 2/24/2010
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: ERIC CROCKET LETTER - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5661992

Document Type: Site Documents **Document Date:** 2/24/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: RESPONSE LETTER TO ERIC CROCKET **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6043703

Document Type: Site Documents **Document Date:** 2/12/2010
Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS PROPOSED GW SHEDULE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5303277134/T0607310406.PDF

Document Type: Site Documents **Document Date:** 4/7/2009
Type: CORRESPONDENCE **Submitted:**
Submitted By: (REGULATOR)
Title: REQUEST FOR CASE TRANSFER TO THE RWQCB - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652219

Document Type: Site Documents **Document Date:** 6/4/2008
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: WELL INSTALLATION REPORT MW-8 TO MW-10 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5091141223/T0607310406.PDF

Document Type: Site Documents **Document Date:** 3/3/2006
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: FRIEDMAN & BRUYA FORENSIC REPORT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=5652217

Document Type: Monitoring Reports **Document Date:** 7/22/2022
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: FIRST HALF 2022 SITE STATUS, GWM AND REMEDIAL PROGRESS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6530520796/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/29/2020
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2019 SEMIANNUAL SITE STATUS AND GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7659249067/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 1/28/2016
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 4Q 2015 SITE STATUS AND GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3113485753/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 10/22/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS 3Q2010 STATUS RPT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7864335060/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 8/3/2009
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: 09Q1 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9706949889/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 7/11/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: 08Q1 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6454363763/T0607310406.PDF

Document Type: Monitoring Reports **Document Date:** 11/1/2007

Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: BRANDON HOFFMAN (AUTH_RP)
Title: THIRD QUARTER 2007 GWM REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2654728770/T0607310406.PDF

Document Type: Site Documents **Document Date:** 10/5/2021
Type: OTHER WORKPLAN **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: SITE ASSESSMENT WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7104556441/T0607310406.PDF

Document Type: Site Documents **Document Date:** 7/6/2021
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: ANNUAL ESTIMATION LETTER FY 2021-2022 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6470626

Document Type: Site Documents **Document Date:** 11/5/2019
Type: STAFF LETTER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: SAN DIEGO WATER BOARD COMMENTS ON DRAFT AMENDED CAP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6420039

Document Type: Site Documents **Document Date:** 10/31/2018
Type: LETTER - NOTICE **Submitted:**
Submitted By: STEVE TEEL (REGULATOR)
Title: STATE BOARD INVOICING DELAY FISCAL YEAR 2018-19 LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6374429

Document Type: Site Documents **Document Date:** 2/28/2018
Type: OTHER REPORT **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: MTS COMMENTS ON LTCP EVALUATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6350643

Document Type: Site Documents **Document Date:** 6/16/2017
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: ANNUAL ESTIMATION LETTER FY 2017/2018 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6323480

Document Type: Site Documents **Document Date:** 12/21/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: UPDATE ON REMEDIATION PROGRESS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4130499482/T0607310406.PDF

Document Type: Site Documents **Document Date:** 6/17/2016
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: ANNUAL ESTIMATION LETTER FY 2016/2017 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6319502

Document Type: Site Documents **Document Date:** 6/20/2014
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: ANNUAL ESTIMATION FOR SITE CLEANUP COST RECOVERY PROGRAM **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6222570

Document Type: Site Documents **Document Date:** 2/3/2012*

Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: CHANGE IN EMES PROJECT MANAGER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7125162780/T0607310406.PDF

Document Type: Site Documents **Document Date:** 5/9/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: STATUS UPDATE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6073339

Document Type: Site Documents **Document Date:** 4/11/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: STATUS UPDATE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6073337

Document Type: Site Documents **Document Date:** 2/14/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: STATUS UPDATE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&document_id=6073333

Document Type: Site Documents **Document Date:** 1/27/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6076016

Document Type: Site Documents **Document Date:** 12/30/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL - 60-DAY PERMIT REPORT DATED 12-2010 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5805126488/T0607310406.PDF

Document Type: Site Documents **Document Date:** 11/2/2010
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: THIRD QUARTER 2010 MONITORING REPORT COMMENT LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6068207

Document Type: Site Documents **Document Date:** 8/30/2010
Type: CORRESPONDENCE **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS RESPONSE TO RWQCB COMMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3333230555/T0607310406.PDF

Document Type: Site Documents **Document Date:** 5/5/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS HHRA WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2950608611/T0607310406.PDF

Document Type: Site Documents **Document Date:** 3/24/2010
Type: STAFF LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: SITE ASSESSMENT WORKPLAN COMMENT LETTER.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6046389

Document Type: Site Documents **Document Date:** 3/8/2010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type: PRELIMINARY SITE ASSESSMENT WORKPLAN **Submitted:**
Submitted By: ETIC SAN DIEGO (AUTH_RP)
Title: 99MTS ADD'L SITE ASSESSMENT WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5635690271/T0607310406.PDF

Document Type: Site Documents **Document Date:** 11/30/2009
Type: MEETING **Submitted:**
Submitted By: (REGULATOR)
Title: MEETING TO DISCUSS RESULTS OF FOCUSED SOIL AND GROUNDWATER INVESTIGATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6036800

Document Type: Site Documents **Document Date:** 9/17/2009
Type: NOTICE OF RESPONSIBILITY **Submitted:**
Submitted By: (REGULATOR)
Title: CHANGE IN RESPONSIBILE PARTY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=6030425

Document Type: Site Documents **Document Date:** 11/19/2008
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: REPORT -- 11-19-08 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607310406&enforcement_id=5993998

23	8 of 9	ESE	0.12 / 615.79	23.94 / 6	ExxonMobil Oil Corp 99MTS (GW Monitoring Wells) 745 H ST CHULA VISTA CA 91910	CERS HAZ

Site ID: 575654
Latitude: 32.629576
Longitude: -117.094582
County:

Regulated Programs

EI ID: 10872439 **EI Description:** Hazardous Waste Generator

EI ID: 10872439 **EI Description:** Chemical Storage Facilities

Evaluations

Eval Date: 02/16/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Cespedes Nathan Inspection ID:6740391; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/16/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Cespedes Nathan Inspection ID:6740391; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc:	Operator
Entity Name:	ExxonMobil Environmental & Property Solutions
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(610) 430-8151

Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	c/o JD2 Environmental, 800 East Washington Street
City:	West Chester
State:	PA
Country:	
Zip Code:	19380
Phone:	

Affil Type Desc:	Identification Signer
Entity Name:	Donna Hymes
Entity Title:	ExxonMobil Hazardous Waste Coordinator
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Legal Owner
Entity Name:	ExxonMobil Oil Corporation
Entity Title:	
Address:	5959 Las Colinas Boulevard
City:	Irving
State:	TX
Country:	United States
Zip Code:	75039
Phone:	(972) 444-1000

Affil Type Desc:	Environmental Contact
Entity Name:	Sean Bowen, PG, CHG, QSD
Entity Title:	
Address:	444 E. Huntington Drive, Suite 212
City:	Arcadia
State:	CA
Country:	
Zip Code:	91006
Phone:	

Affil Type Desc:	Property Owner
Entity Name:	San Diego Metropolitan Transit System
Entity Title:	
Address:	1255 Imperial Avenue, Suite 1000
City:	San Diego
State:	CA
Country:	United States
Zip Code:	92101-4520
Phone:	(619) 557-4520

Affil Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty

Entity Title:
Address: PO Box 129261
City: San Diego
State: CA
Country:
Zip Code: 92112-9261
Phone: (858) 505-6880

Affil Type Desc: Parent Corporation
Entity Name: ExxonMobil Oil Corporation
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: DONNA HYMES
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code:	HMBP	***Longitude:***	-117.094240
Program ID:	10872439	***Coord Name:***	
Latitude:	32.630150	***Ref Point Type Desc:***	Center of a facility or station.

23	***9 of 9***	***ESE***	***0.12 / 615.79***	***23.94 / 6***	***ExxonMobil Oil Corp 99MTS (GW Monitoring Wells)*** ***745 H ST*** ***Chula Vista CA 91910***	***HAZ SANDIEGO***

Record ID:	DEH2021-HUPFP-007083	***GIS Record ID:***	
Facility Name:	ExxonMobil Oil Corp 99MTS (GW Monitoring Wells)	***GIS Facility City:***	
Facility City:	Chula Vista	***GIS Facility ZipCode:***	
Facility ZipCode:	91910	***GIS Fac Latitude:***	
Facility Latitude:		***GIS Fac Longitude:***	
Facility Longitude:			
Facility Address:	745 H ST		
GIS Facility Name:			
GIS Facility Address:			
Tank Owner Name:			

Hazardous Materials Facility Data

CERS ID:	10872439	***Onsite H Waste Trtmt:***	false
Facility ID No:	37-000-007083	***Haz Mat on Site:***	true
EPA ID No:	CAR000208108	***Haz Waste Generator:***	true
Active Permit:	true	***Own/Oper Under:***	false
Permit Status:	Permit Renewed	***Own/Oper Above:***	false
Bus. Phone:	(610) 430-8151	***Recycle:***	false
Bus. Fax:	0	***RCRA Large Qty Gen:***	false
Last Updated:	04/01/2022 02:30:29 AM	***HHW Collection:***	false
New Georeferenced Column:			
Mailing Address:	c/o JD2 Environmental, 800 East Washington Street, West Chester, PA 19380		

Hazardous Waste and Materials

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ID:	479715	**Permit Status:**	Issued
Child Record ID:	DEH2022-HCHEM-0320021	**Active Permit:**	true
CAS No:		**Haz Material Type:**	Mixture
Last Updated:	02/23/2022 11:14:51 AM	**Trade Secret:**	false
Chemical Name:	Gasoline and Water		
Common Name Inventory:	Gasoline and Water		

ID:	485229	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2022-HWAST-0291293	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	04/01/2022 02:30:29 AM	**Trade Secret:**	false
Chemical Name:	Gasoline and Water		
Common Name Inventory:	Gasoline and Water		

24	1 of 1	ESE	0.12 / 618.46	24.86 / 6	MC INVESTMENT PARTNERS, LLC 467 COLORADO AVE CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAC003062531
Gen Status Universe:	No Report
Contact Name:	MINOJ RAJEGOWDA
Contact Address:	1200 PROSPECT STREET, 320, LA JOLLA, CA, 92037,
Contact Phone No and Ext:	646-239-2669
Contact Email:	VANESSAPIZARRO@ALLIANCE-ENVIRO.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20200406
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200406
Handler Name:	MC INVESTMENT PARTNERS, LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1200 PROSPECT STREET
Name:	MINOJ RAJEGOWDA	***Street 2:***	320
Date Became Current:		***City:***	LA JOLLA
Date Ended Current:		***State:***	CA
Phone:	646-239-2669	***Country:***	
Source Type:	Implementer	***Zip Code:***	92037

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1200 PROSPECT STREET
Name:	MC INVESTMENT PARTNERS, LLC	***Street 2:***	320
Date Became Current:		***City:***	LA JOLLA
Date Ended Current:		***State:***	CA
Phone:	646-239-2669	***Country:***	
Source Type:	Implementer	***Zip Code:***	92037

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	1 of 16	NNE	0.12 / 629.75	36.22 / 18	***PRUDENTIAL OVERALL SUPPLY*** ***7 40 F ST*** ***CHULA VISTA CA 91910***	***RCRA SQG***

EPA Handler ID:	CAD981983265
Gen Status Universe:	Small Quantity Generator
Contact Name:	
Contact Address:	US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	19960901
Location Latitude:	32.644212
Location Longitude:	-117.069275

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Nov, 2022.

Violation Details

Found Violation:	Yes
Citation:	FR - 262.10-12.A
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19910517
Scheduled Compliance Date:	
Return to Compliance:	Unverifiable
Actual Return to Compl:	19920715
Violation Responsible Agency:	State

Violation Details

Found Violation:	Yes
Citation:	FR - 262.10-12.A
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19920715
Scheduled Compliance Date:	
Return to Compliance:	Unverifiable
Actual Return to Compl:	19930726

Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: FR - 262.10-12.A
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19930726
Scheduled Compliance Date:
Return to Compliance: Not Resolvable
Actual Return to Compl: 19980726
Violation Responsible Agency: State

Evaluation Details

Evaluation Start Date: 19930726
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19980726
Evaluation Agency: State Contractor/Grantee

Evaluation Start Date: 19910517
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19920715
Evaluation Agency: State Contractor/Grantee

Evaluation Start Date: 19920715
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19930726
Evaluation Agency: State Contractor/Grantee

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900327
Handler Name: PRUDENTIAL OVERALL SUPPLY
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No: 1
Receive Date: 19960901
Handler Name: PRUDENTIAL OVERALL SUPPLY
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19960901
Handler Name: PRUDENTIAL OVERALL SUPPLY
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19870420
Handler Name: PRUDENTIAL OVERALL SUPPLY
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: PRUDENTIAL OVERALL SUPPLY
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Historical Handler Details

Receive Dt: 19960901
Generator Code Description: Large Quantity Generator
Handler Name: PRUDENTIAL OVERALL SUPPLY

Receive Dt: 19870420
Generator Code Description: Large Quantity Generator
Handler Name: PRUDENTIAL OVERALL SUPPLY

Receive Dt: 19900327
Generator Code Description: Large Quantity Generator
Handler Name: PRUDENTIAL OVERALL SUPPLY

25	2 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F STREET CHULA VISTA CA 91910	RCRA SQG

EPA Handler ID: CAD028015410
Gen Status Universe: Small Quantity Generator

Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	740 F STREET, CHULA VISTA, CA, 92010, US
Contact Phone No and Ext:	619-427-1240
Contact Email:	
Contact Country:	US
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	Other
Receive Date:	19881231
Location Latitude:	32.636412
Location Longitude:	-117.097212

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19881231
Handler Name:	PRUDENTIAL OVERALL SUPPLY
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	JOHN D CLARK	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	NOT REQUIRED	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	3 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1986-LSAM-H11432-002	**BOS District:**	1
Record ID (DEH):	DEH1986-LSAM-H11432-002	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	6/30/2013, 8:00 PM
ID:	330	**Opened Date:**	9/2/1986, 8:00 PM
Object ID:	329	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:	T0607301090	**Jurisdiction:**	CHULA VISTA
Feature ID:	5670900300	**Census Tract:**	125.01
Parcel No:	567-090-03-00	**Watershed Basin:**	909.12
Case No:	H11432-002	**GT Global ID:**	T0607301090
H No:	H11432	**GT RB Case No:**	9UT0403
KIVA per Tp per No:	6SAM H11432	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	**GT CUF Case:**	YES
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	09/03/1986	**GT Latitude:**	32.63561642
Per Type:	LWQD	**GT Longitude:**	-117.09681273
Primary Parcel:	YES	**Latitude GS84:**	32.6358594
Primary Address:	YES	**Longitude GS84:**	-117.0970365
Address Type:	MASTER	**Point X:**	6300981.64003889
City:	CHULA VISTA	**Point Y:**	1812191.53997165
Community:	Chula Vista	**X:**	6300902.98
Zip Code:	91910	**Y:**	1812221.671
Zip Community:	91910	**X1:**	-117.0967569056552
Agency Name:	COSD	**Y1:**	32.63585269873819
Project Name:	PRUDENTIAL OVERALL SUPPLY		
Address:	740 F ST, CHULA VISTA CA 91910		
Historical Name:	PRUDENTIAL OVERALL SUPPLY		
Record Name:	PRUDENTIAL OVERALL SUPPLY		
Street String:	740 F ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	CHULA VISTA		
GT Status:	Open - Eligible for Closure		
Case Type:	LOP - Local Oversight Program		
Funding:	S - LOP State Fund		
Geo SRC:	Mapped to XY from previous SAM Layer		
Short Notes:			
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	4 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1986-LSAM-H11432-001	**BOS District:**	1
Record ID (DEH):	DEH1986-LSAM-H11432-001	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	9/4/1986, 8:00 PM
ID:	329	**Opened Date:**	9/4/1986, 8:00 PM
Object ID:	328	**ThomasBros Map Gd:**	1309 J 7
SWRCB Global ID:		**Jurisdiction:**	CHULA VISTA
Feature ID:	5670900300	**Census Tract:**	125.01
Parcel No:	567-090-03-00	**Watershed Basin:**	909.12
Case No:		**GT Global ID:**	
H No:	H11432	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H11432	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	
Record Status:	Completed	**GT Lead Agency:**	
Record Type:	SAM Investigation	**GT CUF Case:**	
Record Alias:	SAM Investigation	**GT County:**	
Date:	09/05/1986	**GT Latitude:**	
Per Type:	LWQD	**GT Longitude:**	
Primary Parcel:	YES	**Latitude GS84:**	32.6358594

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Address:	YES	**Longitude GS84:**	-117.0970365
Address Type:	MASTER	**Point X:**	6300981.64003889
City:	CHULA VISTA	**Point Y:**	1812191.53997165
Community:	Chula Vista	**X:**	6300902.98
Zip Code:	91910	**Y:**	1812221.671
Zip Community:	91910	**X1:**	-117.0967569056552
Agency Name:	COSD	**Y1:**	32.63585269873819
Project Name:	PRUDENTIAL OVERALL SUPPLY		
Address:	740 F ST, CHULA VISTA CA 91910		
Historical Name:	PRUDENTIAL OVERALL SUPPLY		
Record Name:	PRUDENTIAL OVERALL SUPPLY		
Street String:	740 F ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	CHULA VISTA		
GT Status:			
Case Type:			
Funding:	N - Non-Billable		
Geo SRC:	Mapped to XY from previous SAM layer		
Short Notes:			
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites		

25	5 of 16	NNE	0.12 / 629.75	36.22 / 18	**PRUDENTIAL OVERALL SUPPLY** **740 F ST** **CHULA VISTA CA 92010**	**LUST**

Global ID:	T0607302719	**Census Tract:**	6073012501
Status Date:	2/18/1988	**Match Key:**	T0607302719
Case Type:	LUST CLEANUP SITE	**County:**	SAN DIEGO
Oil Field:		**Latitude:**	32.635905
Oil Field Operator:		**Longitude:**	-117.096999
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Case Worker:	DTB
Local Agency:	
RB Case No:	9UT403
Local Case No:	H11432-001
File Location:	
Potential COC:	Diesel
Potential Media of Concern:	Aquifer used for drinking water supply
Begin Date:	9/3/1986
How Discovered:	Tank Closure
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Geocode
Discharge Cause:	Overfill
Discharge Source:	Tank
EPA Region:	9
Leak Reported Dt:	1986-09-05 00:00:00
Military DoD Site:	No
No Further Action Dt:	1988-02-18 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	90-95%
Site History:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: DAVID T. BARKER
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: david.barker@waterboards.ca.gov
Phone No: 6195213007

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2/18/1988

Status: Open - Site Assessment
Status Date: 9/21/1987

Status: Open - Case Begin Date
Status Date: 9/3/1986

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: PRUDENTIAL OVERALL SUPPLY
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 740 F ST
City: CHULA VISTA
Zip: 92010
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302719
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/18/1988
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607302719&tabname=regulatoryhistory
Potential COC: DIESEL
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT403
CASEWORKER: DAVID T. BARKER
SAN DIEGO COUNTY LOP - CASE #: H11432-001
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Case Begin Date
Date : 9/3/1986

Status: Completed - Case Closed
Date : 2/18/1988

Status: Open - Site Assessment
Date : 9/21/1987

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Leak Action
Action: Leak Reported
Action Date: 9/5/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 9/3/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 9/3/1986
Received Issue Date:
Doc Link:
Title Description Comments:

25	6 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST CHULA VISTA CA 919102006	LUST

Global ID: T0607301090
Status Date: 5/5/2017
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6073012501
Match Key: T0607301090
County: SAN DIEGO
Latitude: 32.6356164180624
Longitude: -117.096812725067

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: YES
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Worker: SM
Local Agency:
RB Case No: 9UT0403
Local Case No:
File Location: Local Agency
Potential COC: Tetrachloroethylene (PCE), Trichloroethylene (TCE), Diesel, Stoddard solvent / Mineral Spriits / Distillates
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 9/3/1986
How Discovered: Site Assessment/Site Investigation
How Discovered Description: SITE INVESTIGATION **Note: Many records provided by the department have a truncated [How Discovered Description] field.
Stop Method: Close and Remove Tank
Stop Description: CLOSE AND REMOVE TANK **Note: Many records provided by the department have a truncated [Stop Description] field.

Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	Severely Disadvantaged Community
CalEnvScreen Score:	
Coordinate Source:	Google Map Move
Discharge Cause:	
Discharge Source:	
EPA Region:	9
Leak Reported Dt:	1986-09-03 00:00:00
Military DoD Site:	No
No Further Action Dt:	2017-05-05 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	76-80%
Calenviroscreen 4 Score:	90-95%
Site History:	

A release from Underground Storage Tanks was identified in September 1986. The UST's were removed and soil excavation activities took place at that time. Site assessment activities have been ongoing, and additional remediation activities are currently being evaluated. Please see the submitted ESI documents for additional site specific information.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type:	RESPONSE
Date :	1/2/2012
Action:	Soil and Water Investigation Workplan - Regulator Responded

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	SEAN MCCLAIN
Organization Name:	SAN DIEGO RWQCB (REGION 9)
Address:	2375 NORTHSIDE DRIVE, SUITE 100
City:	SAN DIEGO
Email:	sean.mcclain@waterboards.ca.gov
Phone No:	6195213374

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Case Begin Date
Status Date:	9/3/1986
Status:	Open - Remediation
Status Date:	6/8/2000
Status:	Open - Verification Monitoring
Status Date:	3/17/2016
Status:	Completed - Case Closed
Status Date:	5/5/2017
Status:	Open - Eligible for Closure
Status Date:	8/15/2016

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	PRUDENTIAL OVERALL SUPPLY
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	740 F ST
City:	CHULA VISTA
Zip:	919102006
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301090

Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/5/2017
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607301090&tabname=regulatoryhistory
Potential COC: DIESEL, STODDARD SOLVENT / MINERAL SPRIITS / DISTILLATES, TETRACHLOROETHYLENE (PCE), TRICHLOROETHYLENE (TCE)
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT0403
CASEWORKER: SEAN MCCLAIN
SAN DIEGO COUNTY LOP - CASE #: H11432-002
CUF Claim: 17116
CUF Priority Assig: D
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque: # OF WELLS MONITORED - SEMI-ANNUALLY : 10
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

A release from Underground Storage Tanks was identified in September 1986. The UST's were removed and soil excavation activities took place at that time. Site assessment activities have been ongoing, and additional remediation activities are currently being evaluated. Please see the submitted ESI documents for additional site specific information.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 5/5/2017

Status: Open - Remediation
Date : 6/8/2000

Status: Open - Case Begin Date
Date : 9/3/1986

Status: Open - Eligible for Closure
Date : 8/15/2016

Status: Open - Verification Monitoring
Date : 3/17/2016

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Notices
Action: Notification - Preclosure
Action Date: 8/4/2016
Received Issue Date: 8/4/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6294335&temptable=ENFORCEMENT
Title Description Comments:

60-day Public Notice of Proposed No Further Action

Action Type: Response Requested - Other
Action: Request for Closure - Regulator Responded

Action Date: 6/7/2016
Received Issue Date: 6/7/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5896469
Title Description Comments:

105311.R33 Request for Case Closure Report. 06-07-16 - The San Diego Water Board will start the notification process for the proposed closure of this case.

Action Type: Response Requested - Other
Action: Request for Closure
Action Date: 5/15/2016
Received Issue Date:
Doc Link:
Title Description Comments:

Request for Closure Report - Met with Responsible Party and Cardno Consulting to discuss submitting a request for closure that demonstrates compliance with removing free product to the extent practicable (meeting date 2-5-16). Consultant stated that the report would be submitted by May 2016.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 6/8/2015
Received Issue Date: 6/8/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5844650
Title Description Comments:

1053 4th Quarter 2014-1st Quarter 2015 Semiannual Groundwater Monitoring and Status Report. 06-08-15

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 10/24/2014
Received Issue Date: 10/24/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5820296
Title Description Comments:

Complete Case Transfer from DEH to RWQCB

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 7/1/2013
Received Issue Date: 7/1/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6165338&temptable=ENFORCEMENT
Title Description Comments:

DEH Transfer Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 11/30/2009
Received Issue Date: 11/30/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5703079
Title Description Comments:

3rd Qtr 2009 GWMR dated 11/25/2009

Action Type: Response Requested - Workplans
Action: Interim Remedial Action Plan - Regulator Responded
Action Date: 9/3/2009
Received Issue Date: 12/17/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5638539
Title Description Comments:

Interm Rededial Action Plan dated 12/15/2010

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/24/2009
Received Issue Date: 7/24/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6026024&temptable=ENFORCEMENT
Title Description Comments:

Comment letter

Action Type: Notices
Action: Letter - Notice
Action Date: 7/8/2009
Received Issue Date: 7/8/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6020821&temptable=ENFORCEMENT
Title Description Comments:

GW Monitoring Reduction Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/6/2009
Received Issue Date: 5/6/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6012791&temptable=ENFORCEMENT
Title Description Comments:

Report Review; Additional Work Plan Required

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/22/2008
Received Issue Date: 7/22/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=5982453&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Notices
Action: Notice of Responsibility
Action Date: 11/16/1992
Received Issue Date: 11/16/1992
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 9/3/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 9/3/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped

Action Date: 9/3/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 9/3/1986
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/14/2013
Received Issue Date: 5/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6158997&temptable=ENFORCEMENT
Title Description Comments:

Comment letter 5/14/2013

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 4/30/2013
Received Issue Date: 4/30/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5757694
Title Description Comments:

4th Qtr 2012 / 1st Qtr 2013 GWM and Status Report

Action Type: Response Requested - Reports
Action: Site Assessment Report - Regulator Responded
Action Date: 11/28/2012
Received Issue Date: 11/28/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5757971
Title Description Comments:

Reprot for the Installation of Six On-Site Air Sparge/Soil Vapor Extraction Wells dated 8/19/2011 - Report not submitted to DEH. Discovered in GeoTracker on 11/28/2012.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 10/31/2012
Received Issue Date: 11/27/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5757974
Title Description Comments:

2nd & 3rd Qtr 2012 GWM and Status Reprot dated 11/21/2012 - Emailed consultant indicating the 3rd Qtr 2012 GWM & Remediation Progress Report is past due.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 4/30/2012
Received Issue Date: 5/17/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5726331
Title Description Comments:

1st Quarter 2012 GWM / Remedation Progress Report

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/12/2012

Received Issue Date: 1/12/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6108624&temptable=ENFORCEMENT
Title Description Comments:

Workplan Approval letter dated 1/12/2012

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Regulator Responded
Action Date: *1/2/2012
Received Issue Date: 12/30/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5721008
Title Description Comments:

Additional Assessment Workplan - Granted extension for submittal of workplan. Extension needed to work out access to the Sweetwater Authority property.

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/18/2011
Received Issue Date: 11/18/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6104492&temptable=ENFORCEMENT
Title Description Comments:

DEH Letter - Past Due dated 11/18/2011 Consultant emailed back and indicated they had sent report to our old address and when if was returned they did not follow-up on getting the report to DEH. They indicated the report will be sent within a week.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 10/31/2011
Received Issue Date: 11/21/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5721006
Title Description Comments:

3rd Qtr 2011 GWM & Status Report dated 11/27/2011

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/31/2011
Received Issue Date: 8/31/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6097501&temptable=ENFORCEMENT
Title Description Comments:

Follow-up Correspondence Letter - 8/31/2011

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/31/2011
Received Issue Date: 5/31/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6088238&temptable=ENFORCEMENT
Title Description Comments:

Concurrence of Interim Remedial Action Plan - 5/31/2011

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 4/30/2011
Received Issue Date: 5/18/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5716278
Title Description Comments:

1st Qtr 2011 GWM & Status Report (9/31/2010 through 3/31/2011) dated 5/13/2011 - Complete paper copy submitted on 6/9/2011.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/25/2011
Received Issue Date: 1/25/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6075508&temptable=ENFORCEMENT
Title Description Comments:

Conditional Concurrence of Interim Remedial Action Plan & Review of the 3rd Quarter Groundwater Monitoring & Status Report On 3/18/2011 DEH received an email with draft Public Notification Letter with the list of proposed recipients. Letter and list were approved with modifications (change of address and phone numbers) by email on 3/21/2011.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 4/30/2010
Received Issue Date: 2/1/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5703081
Title Description Comments:

1st Qtr 2010 GWMR dated 5/10/2010 - Report has not been submitted. Noted document was uplaoded on 1/13/2011.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 1/30/2010
Received Issue Date: 12/17/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5651105
Title Description Comments:

3rd Qtr 2010 GWMR dated 12/15/2010

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 5/5/2017
Received Issue Date: 5/5/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6319174&temptable=ENFORCEMENT
Title Description Comments:

No Further Action

Action Type: Response Requested - Reports
Action: Well Destruction Report
Action Date: 4/17/2017
Received Issue Date: 4/17/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301090&doc_id=5919097
Title Description Comments:

Well Destruction Report

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 10/12/2016
Received Issue Date: 10/12/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6300758&temptable=ENFORCEMENT
Title Description Comments:

Well Destruction Directive, Prudential Overall Supply, 10/12/2016

Action Type: Notices
Action: Notification - Fee Title Owners Notice
Action Date: 8/4/2016
Received Issue Date: 8/4/2016

Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6294328&temptable=ENFORCEMENT

Title Description Comments:

Property Owner Notification of Proposed No Further Action

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 8/19/2011 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B19-AS/SVE7 (B19-AS/SVE7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4880615174/T0607301090.PDF

Submitted: 2/13/2015 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B3 (B3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4357606410/T0607301090.PDF

Submitted: 9/10/2008 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B10 (B10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5707836329/T0607301090.PDF

Submitted: 2/4/2009 ***Submitted By:*** CARDNO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7330017566/T0607301090.PDF

Submitted: 8/19/2011 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B20-AS/SVE8 (B20-AS/SVE8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9476470887/T0607301090.PDF

Submitted: 2/13/2015 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B7 (B7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5346319615/T0607301090.PDF

Submitted: 9/10/2008 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B12 (B12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3344964146/T0607301090.PDF

Submitted: 8/19/2011 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B16-AS/SVE4 (B16-AS/SVE4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5540394604/T0607301090.PDF

Submitted: 8/19/2011 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B18-AS/SVE6 (B18-AS/SVE6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9545037806/T0607301090.PDF

Submitted: 8/29/2008 ***Submitted By:*** CARDNO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1135101795/T0607301090.PDF

Submitted: 9/10/2008 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B2 (B2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9401570200/T0607301090.PDF

Submitted: 2/4/2009 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B15/MW10 (B15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9981218636/T0607301090.PDF

Submitted: 8/19/2011 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B21-AS/SVE9 (B21-AS/SVE9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9178296685/T0607301090.PDF

Submitted: 2/13/2015 ***Submitted By:*** CARDNO (AUTH_RP)
Title: B6 (B6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5140479385/T0607301090.PDF

Submitted: 4/17/2017 ***Submitted By:*** CARDNO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/6377860724/T0607301090.PDF

Submitted: 9/10/2008 **Submitted By:** CARDNO (AUTH_RP)
Title: B9 (B9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6528548300/T0607301090.PDF

Submitted: 2/4/2009 **Submitted By:** CARDNO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1505703151/T0607301090.PDF

Submitted: 8/19/2011 **Submitted By:** CARDNO (AUTH_RP)
Title: B17-AS/SVE5 (B17-AS/SVE5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7641255199/T0607301090.PDF

Submitted: 9/10/2008 **Submitted By:** CARDNO (AUTH_RP)
Title: B5 (B5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8046875476/T0607301090.PDF

Submitted: 9/10/2008 **Submitted By:** CARDNO (AUTH_RP)
Title: B8 (B8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6436829090/T0607301090.PDF

Submitted: 9/10/2008 **Submitted By:** CARDNO (AUTH_RP)
Title: B11 (B11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3535557627/T0607301090.PDF

Submitted: 9/10/2008 **Submitted By:** CARDNO (AUTH_RP)
Title: B13 (B13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5719646632/T0607301090.PDF

Submitted: 9/10/2008 **Submitted By:** CARDNO (AUTH_RP)
Title: B14 (B14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6075774252/T0607301090.PDF

Submitted: 9/7/2011 **Submitted By:** CARDNO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8714948296/T0607301090.PDF

Submitted: 2/13/2015 **Submitted By:** CARDNO (AUTH_RP)
Title: B4 (B4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9156177580/T0607301090.PDF

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents **Document Date:** 4/17/2017
Type: WELL DESTRUCTION REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: WELL DESTRUCTION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3282541096/T0607301090.PDF

Document Type: Site Documents **Document Date:** 10/24/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: COMPLETE CASE TRANSFER FROM DEH TO RWQCB - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&document_id=5820296

Document Type: Monitoring Reports **Document Date:** 12/3/2015*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 2ND QUARTER 2015 -3RD QUARTER 2015 SEMIANNUAL GROUNDWATER MONITORING AND STATUS REPORT. 12-03-15 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4461051702/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 10/27/2011
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 3RD QUARTER 2011 GROUNDWATER MONITORING AND STATUS REPORT. 10-27-11 **Note: Many records provided by the department have a truncated [Title] field.

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8560623109/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 5/10/2010
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 1ST QUARTER 2010 GROUNDWATER MONITORING AND STATUS REPORT. 05-10-10 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1422509610/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 11/25/2009
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.Q093 SEMIANNUAL GROUNDWATER SAMPLING REPORT FOR THE THIRD QUARTER 2009.11-25-09.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5553506314/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R21 SEMIANNUAL GROUNDWATER SAMPLING FOR THE FIRST QUARTER 2006. 05-15-06 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3982851922/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 11/10/2000
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R10SEMI-ANNUAL GROUNDWATER SAMPLING FOR THIRD QUARTER 2000 AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2934742808/T0607301090.PDF

Document Type: Site Documents **Document Date:** 8/19/2011
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105312.R32 REPORT FOR THE INSTALLATION OF SIX ON-SITE AIR SPARGE-SOIL VAPOR EXTRACTION WELLS. 08-19-11 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8944045960/T0607301090.PDF

Document Type: Site Documents **Document Date:** 7/22/2008
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=5982453

Document Type: Monitoring Reports **Document Date:** 2/15/1994
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053-4.4RDQTR QUARTERLY GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6890976428/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 10/24/1996
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R02 THIRD QUARTER 1996 GROUNDWATER SAMPLING AT PRUDENTAIL OVERALL SUPPLY.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4806730508/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 11/27/1995
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053-6Q4.95 FOURTH QUARTER 1995 GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4987263560/T0607301090.PDF

Document Type: Site Documents **Document Date:** 12/15/2010
Type: INTERIM REMEDIAL ACTION PLAN **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.W06 INTERIM REMEDIAL ACTION PLAN. 12-15-10 **Note: Many records provided by the department

have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8857705652/T0607301090.PDF

Document Type: Site Documents **Document Date:** 6/25/2009
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.R31 RESULTS OF BUILDING INSPECTION AND REVISED VAPOR RISK MODELING.06-25-09 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8676224708/T0607301090.PDF

Document Type: Site Documents **Document Date:** 5/6/2009
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: REPORT REVIEW; ADDITIONAL WORK PLAN REQUIRED **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6012791

Document Type: Site Documents **Document Date:** 10/1/1990*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 TETRACHLORO-HYDROCARBON CONTAMINATION ASSESSMENT. 10-01-90 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1852804601/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R23 SEMIANNUAL GROUNDWATER SAMPLING FOR THE FIRST QUARTER 2007. 06-08-07 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3952254354/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R19 SEMIANNUAL GROUNDWATER SAMPLING FOR THE FIRST QUARTER 2005. 06-30-05 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8850051701/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 10/21/2002
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R14 SEMI-ANNUAL GROUNDWATER SAMPLING FOR THE THIRD QUARTER 2002 AT PRUDENTAIL OVERALL SUPPLY.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4054718494/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 4/17/2002
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R13 SEMI ANNUAL GROUNDWATER SAMPLING FOR THE FIRST QUARTER 2002 AT PRUDENTIAL OVERALL SUPPLY.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8075972616/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 3/7/1995
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053-7Q1.95 FIRST QUARTER 1995 GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4526169300/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 10/18/1994
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053-6.3RDQTR QUARTERLY GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1860155999/T0607301090.PDF

Document Type: Site Documents **Document Date:** 1/12/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**

Submitted By: KEVIN HEATON (REGULATOR)
Title: WORKPLAN APPROVAL LETTER DATED 1/12/2012 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6108624

Document Type: Site Documents **Document Date:** 5/31/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KEVIN HEATON (REGULATOR)
Title: CONCURRENCE OF INTERIM REMEDIAL ACTION PLAN - 5/31/2011 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6088238

Document Type: Site Documents **Document Date:** 1/25/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KEVIN HEATON (REGULATOR)
Title: CONDITIONAL CONCURRENCE OF INTERIM REMEDIAL ACTION PLAN & REVIEW OF THE 3RD QUARTER GROUNDWATER MONITORING & STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6075508

Document Type: Site Documents **Document Date:** 7/8/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: KEVIN HEATON (REGULATOR)
Title: GW MONITORING REDUCTION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6020821

Document Type: Monitoring Reports **Document Date:** 6/8/2015
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 4TH QUARTER 2014-1ST QUARTER 2015 SEMIANNUAL GROUNDWATER MONITORING AND STATUS REPORT. 06-08-15 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2992514908/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 8/13/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R16 SEMIANNUAL GROUNDWATER SAMPLING FOR THE THIRD QUARTER 2003.1-26-04 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5701154947/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R22 SEMIANNUAL GROUNDWATER SAMPLING FOR THE THIRD QUARTER. 12-21-06 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2216525018/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 10/8/2001
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R12 SEMI-ANNUAL GROUNDWATER SAMPLING FOR THIRD QUATER 2001 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1955366373/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 3/26/2001
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R11 SEMI ANNUAL GROUNDWATER SAMPLING FOR THE FIRST QAURTER AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6556660532/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 11/15/1999
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R08 SEMI ANUUAL GROUNDWATER SAMPLING FOR THIRD QUARTER 1999 AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8206847250/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 8/31/1993
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053-4.2RDQTR QUARTERLY GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1345295786/T0607301090.PDF

Document Type: Site Documents **Document Date:** 8/4/2016
Type: NOTIFICATION - PRECLOSURE **Submitted:**
Submitted By: KELLY FLINT (REGULATOR)
Title: 60-DAY PUBLIC NOTICE OF PROPOSED NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6294335

Document Type: Monitoring Reports **Document Date:** 7/31/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R18 SEMIANNUAL GROUNDWATER SAMPLIMG FOR THE THIRD QUARTER 2004. 1-6-04 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9947036564/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 4/16/1998
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R05 SEMI-ANNUAL GROUNDWATER SAMPLING FOR FIRST QUARTER 1998 AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5265807211/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 8/8/1994
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053-6.2NDQTR QUARTERLY GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5832256495/T0607301090.PDF

Document Type: Site Documents **Document Date:** 5/5/2017
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6319174

Document Type: Site Documents **Document Date:** 8/4/2016
Type: NOTIFICATION - FEE TITLE OWNERS NOTICE **Submitted:**
Submitted By: KELLY FLINT (REGULATOR)
Title: PROPERTY OWNER NOTIFICATION OF PROPOSED NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6294328

Document Type: Site Documents **Document Date:** 12/19/2008
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.R28 SOIL VAPOR SURVEY AND PRELIMINARY VAPOR RISK ASSESSMENT REPORT. 12-19-08.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7096383213/T0607301090.PDF

Document Type: Site Documents **Document Date:** 8/8/2007
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.R24 CORRECTIVE ACTION PLAN ADDENDUM. 08-08-07.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5285994589/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 5/13/2011
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 1ST QUARTER 2011 GROUNDWATER MONITORING AND STATUS REPORT. 05-13-11 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1246525585/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 11/26/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 101513.R29 SEMIANNUAL GROUNDWATER MONITORING SAMPLING REPORT FOR THE THIRD QUARTER 2008. 11-26-08.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8680874049/T0607301090.PDF

Document Type: Site Documents **Document Date:** 6/7/2016
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105311.R33 REQUEST FOR CASE CLOSURE REPORT. 06-07-16 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8518477022/T0607301090.PDF

Document Type: Site Documents **Document Date:** 10/16/2008
Type: OTHER WORKPLAN **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.W04 WORK PLAN TO CONDUCT AIR SPARGE - SOIL VAPOR EXTRACTION AND GROUNDWATER EXTRACTION FEASIBILITY TEST.10-16-08.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2926640391/T0607301090.PDF

Document Type: Site Documents **Document Date:** 10/30/2007
Type: OTHER WORKPLAN **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.W02 REVISED WORK PLAN FOR HEALTH RISK EVALUATION. 10-30-07.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6702648341/T0607301090.PDF

Document Type: Site Documents **Document Date:** 2/18/1993
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053-2.RPT REPORT ADDITIONAL SUBSURFACE INVESTIGATION.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9206480264/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 6/8/2015
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: 1053 4TH QUARTER 2014-1ST QUARTER 2015 SEMIANNUAL GROUNDWATER MONITORING AND STATUS REPORT. 06-08-15 - - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/5821990072/Response%20to%20GWM%20Report%206%2D12%2D2015%2Epdf

Document Type: Monitoring Reports **Document Date:** 5/1/2014*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 4TH QUARTER 2013 - 1ST QUARTER 2014 SEMIANNUAL GROUNDWATER MONITORING AND STATUS REPORT. 05-01-14 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2465995132/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 5/17/2012
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KEVIN HEATON (REGULATOR)
Title: 1ST QUARTER 2012 GWM / REMEDATION PROGRESS REPORT - EMAIL COMMENTS ON 1ST QTR GWMR DATED 5/29/2012 - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1738738834/RE%5F%20H11432%2D002%20%2D%20Prudential%20Overall%20Supply%2Epdf

Document Type: Monitoring Reports **Document Date:** 10/9/1998
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R06 SEMI-ANNUAL GROUNDWATER SAMPLING FOR SECOND QUARTER 1998 AT PRUDENTIAL OVERALL SUPPLY.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2219002842/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 10/20/1997
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R03 SEMI ANNUAL GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8827162802/T0607301090.PDF

Document Type: Site Documents **Document Date:** 5/14/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KEVIN HEATON (REGULATOR)
Title: COMMENT LETTER 5/14/2013 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6158997

Document Type: Site Documents **Document Date:** 12/29/2011
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.W07 WORK PLAN FOR THE INSTALLATION OF ONE ON-SITE AND ONE OFF-SITE GROUNDWATER MONITORING WELL. 12-29-11 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1710972607/T0607301090.PDF

Document Type: Site Documents **Document Date:** 8/8/2007
Type: OTHER WORKPLAN **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.W02 WORK PLAN FOR HEALTH RISK EVALUATION. 08-08-07.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8888508677/T0607301090.PDF

Document Type: Site Documents **Document Date:** 10/23/1996
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.R01 ADDITIONAL SUBSURFACE SITE INVESTIGATION REPORT.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3867913365/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 4/25/2013
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 4TH QUARTER 2012 - 1ST QUARTER 2013 SEMIANNUAL GROUNDWATER MONITORING AND STATUS REPORT. 04-25-13 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4887027800/T0607301090.PDF

Document Type: Site Documents **Document Date:** 7/1/2013
Type: REFERRAL TO REGIONAL BOARD **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: DEH TRANSFER LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6165338

Document Type: Site Documents **Document Date:** 11/18/2011
Type: STAFF LETTER **Submitted:**
Submitted By: KEVIN HEATON (REGULATOR)
Title: DEH LETTER - PAST DUE DATED 11/18/2011 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6104492

Document Type: Site Documents **Document Date:** 8/31/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KEVIN HEATON (REGULATOR)
Title: FOLLOW-UP CORRESPONDENCE LETTER - 8/31/2011 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6097501

Document Type: Monitoring Reports **Document Date:** 11/18/2013*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053 2ND QUARTER 2013 -THIRD QUARTER 2013 SEMIANNUAL GROUNDWATER MONITORING AND STATUS REPORT. 11-18-13 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8735024631/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 5/19/2009
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.Q091 SEMIANNUAL GROUNDWATER SAMPLING REPORT FOR THE FIRST QUARTER 2009. 05-19-09.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8754785001/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 5/21/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R27 SEMIANNUAL GROUNDWATER SAMPLING FOR THE FIRST QUARTER 2008. 05-21-08.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2522343516/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 8/13/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R17 1ST QUARTER 2004 .5-25-04 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3092686295/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R20 SEMIANNUAL GROUNDWATER SAMPLING FOR THE THIRD QUARTER 2005. 12-12-05 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9557040154/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 3/22/1999
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105313.R07 SEMI ANNUAL GROUNDWATER SAMPLING FOR FIRST QUARTER 1999 AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4988828897/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 8/25/1995
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1050-6Q3.95 THIRD QUARTER 1995 GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6640293955/T0607301090.PDF

Document Type: Monitoring Reports **Document Date:** 1/3/1995
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 1053-6.4THQTR QUARTERLY GROUNDWATER SAMPLING AT PRUDENTIAL OVERALL SUPPLY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9558812022/T0607301090.PDF

Document Type: Site Documents **Document Date:** 12/19/2008
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.R30 REPORT FOR THE INSTALLATION OF ON-SITE GROUNDWATER MONITORING WELL AND SITE CONCEPTUAL MODEL 12-19-08.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9975213170/T0607301090.PDF

Document Type: Site Documents **Document Date:** 12/28/2007
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: CARDNO (AUTH_RP)
Title: 105303.R26 REVISED CORRECTIVE ACTION PLAN ADDENDUM. 12-28-07.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8314473032/T0607301090.PDF

Document Type: Site Documents **Document Date:** 8/8/2007
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Submitted By: CARDNO (AUTH_RP)

Title: 105313.W03 WORK PLAN FOR THE INSTALLATION OF ONE ON-SITE DUAL-NEASTED GROUNDWATER MONITIORING WELL. 08-08-07.PDF **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8802168905/T0607301090.PDF

Document Type: Site Documents ***Document Date:*** 6/11/1992
Type: SOIL AND WATER INVESTIGATION WORKPLAN ***Submitted:***
Submitted By: CARDNO (AUTH_RP)
Title: 1053-2WP WORK PLAN AND SITE SAFETY PLAN INSTALLATION OF TWO GROUNDWATER MONITORING WELLS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9093872547/T0607301090.PDF

Document Type: Site Documents ***Document Date:*** 3/8/1989*
Type: SITE ASSESSMENT REPORT ***Submitted:***
Submitted By: CARDNO (AUTH_RP)
Title: 1053 RESULTS OF SITE ASSESSMENT AND SITE CHARACTERIZATION PROGRAMS. 03-08-89 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1875161349/T0607301090.PDF

Document Type: Site Documents ***Document Date:*** 7/24/2009
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: KEVIN HEATON (REGULATOR)
Title: COMMENT LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6026024

Document Type: Monitoring Reports ***Document Date:*** 12/1/2014*
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: CARDNO (AUTH_RP)
Title: 1053 2ND QUARTER 2014 -3RD QUARTER 2014 SEMIANNUAL GROUNDWATER MONITORING AND STATUS REPORT. 12-01-14 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6053514599/T0607301090.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/30/2013
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: KEVIN HEATON (REGULATOR)
Title: 4TH QTR 2012 / 1ST QTR 2013 GWM AND STATUS REPORT - COMMENT LETTER DATED 5/14/2013 - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9802625894/H11432%2D002%20%2D%20Comment%20Letter%20%2D%202013%2D05%2D14%2Epdf

Document Type: Monitoring Reports ***Document Date:*** 11/21/2012
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: CARDNO (AUTH_RP)
Title: 1053 2ND QUARTER 2012/ 3RD QUARTER 2012 SEMIANNUAL GROUNDWATER MONITORING AND STATUS REPORT. 11-12-12 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1193878114/T0607301090.PDF

Document Type: Monitoring Reports ***Document Date:*** 5/11/2012
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: CARDNO (AUTH_RP)
Title: 1053 FIRST QUARTER 2012 GROUNDWATER MONITORING AND STATUS REPORT. 5-11-12 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3955616772/T0607301090.PDF

Document Type: Monitoring Reports ***Document Date:*** 12/15/2010
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: CARDNO (AUTH_RP)
Title: 105313.Q103 THIRD QUARTER 2010 GROUNDWATER MONITORING AND STATUS REPORT. 12-15-10 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8196604430/T0607301090.PDF

Document Type: Site Documents ***Document Date:*** 10/12/2016
Type: EMAIL CORRESPONDENCE ***Submitted:***
Submitted By: KELLY FLINT (REGULATOR)
Title: WELL DESTRUCTION DIRECTIVE, PRUDENTIAL OVERALL SUPPLY, 10/12/2016 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301090&enforcement_id=6300758

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	7 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F STREET CHULA VISTA CA 92010	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002f1a6.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	8 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST CHULA VISTA CA 91910	UST SANDIEGO

Facility ID: 37-000-111432
Record ID: DEH2002-HUPFP-111432
CERS ID: 10357903
EPA ID No: CAD981983265
Permit Status: Permit Renewed
Active Permit: true
Haz. Mat. On-Site: true
Haz. Waste Gen: true
Onsite Haz Wt Trt: false
Mailing Address: P.O. Box 11210, Santa Ana, CA 92711

RCRA Large Qty. Gen: false
HHW Collection: false
Recycle: false
Own or Operate UG: false
Own or Operate AG: false
Business Phone: (619) 427-1240
Business Fax: 0
Last Updated: 2022 Jul 14 01:35:01 AM

Tank Information

Tank ID: 20963
Tank Status: Removed
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed: 1986 Nov 08 12:00:00 AM
Type of Tank: 01
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY

Tank Capacity in Gal: 2000
Tank Contents:
Tank Use:
Piping Sys Type:
Fac Type (UST Fac):
Last Updated: 2022 Jul 14 01:35:01 AM

Tank ID: 20970
Tank Status: Removed
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed: 1986 Nov 08 12:00:00 AM
Type of Tank: 01
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY

Tank Capacity in Gal: 7500
Tank Contents: 02
Tank Use: 01
Piping Sys Type:
Fac Type (UST Fac):
Last Updated: 2022 Jul 14 01:35:01 AM

Tank ID: 20965
Tank Status: Removed
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed: 1986 Nov 08 12:00:00 AM
Type of Tank: 01
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY

Tank Capacity in Gal: 2000
Tank Contents:
Tank Use:
Piping Sys Type:
Fac Type (UST Fac):
Last Updated: 2022 Jul 14 01:35:01 AM

Tank ID: 20969
Tank Status: Removed
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed: 1986 Nov 08 12:00:00 AM
Type of Tank: 01
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY

Tank Capacity in Gal: 10000
Tank Contents:
Tank Use:
Piping Sys Type:
Fac Type (UST Fac):
Last Updated: 2022 Jul 14 01:35:01 AM

Tank ID: 20964
Tank Status: Removed
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed: 1986 Nov 08 12:00:00 AM
Type of Tank: 01
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY

Tank Capacity in Gal: 2000
Tank Contents:
Tank Use:
Piping Sys Type:
Fac Type (UST Fac):
Last Updated: 2022 Jul 14 01:35:01 AM

Tank ID: 20966

Tank Capacity in Gal: 2000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Status: Removed
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed: 1986 Nov 08 12:00:00 AM
Type of Tank: 01
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Tank Contents:
Tank Use:
Piping Sys Type:
Fac Type (UST Fac):
Last Updated: 2022 Jul 14 01:35:01 AM

Tank ID: 20967
Tank Status: Removed
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed: 1986 Nov 08 12:00:00 AM
Type of Tank: 01
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Tank Capacity in Gal: 10000
Tank Contents:
Tank Use:
Piping Sys Type:
Fac Type (UST Fac):
Last Updated: 2022 Jul 14 01:35:01 AM

Tank ID: 20968
Tank Status: Removed
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed: 1986 Nov 08 12:00:00 AM
Type of Tank: 01
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Tank Capacity in Gal: 2000
Tank Contents:
Tank Use:
Piping Sys Type:
Fac Type (UST Fac):
Last Updated: 2022 Jul 14 01:35:01 AM

25	9 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T0607301090
Record ID: DEH1986-LSAM-H11432-002
Record Status: Completed
Opened Date: 9/3/1986
Case Type: LOP - Local Oversight Program
Historical Name: PRUDENTIAL OVERALL SUPPLY
Lead Agency: RWQCB
Lead Agency Date: 7/1/2013
Funding: S - LOP State Fund
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CLOSED OR TRANSFERRED LOP CASES
Parcel No: 567-090-03-00
Census Tract: 125.01
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6358594
Longitude GS 84: -117.0970365
X Map Coord: 6300902.980
Y Map Coord: 1812221.671

25	10 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID:
Record ID: DEH1986-LSAM-H11432-001
Record Status: Completed
Opened Date: 9/5/1986
Case Type:
Historical Name: PRUDENTIAL OVERALL SUPPLY
Lead Agency: RWQCB
Lead Agency Date: 9/5/1986
Funding: N - Non-Billable
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CASES WITH NO CASE TYPE
Parcel No: 567-090-03-00
Census Tract: 125.01
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6358594
Longitude GS 84: -117.0970365
X Map Coord: 6300902.980
Y Map Coord: 1812221.671

25	11 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID: DEH2002-HUPFP-111432
Facility Name: PRUDENTIAL OVERALL SUPPLY
Facility City: CHULA VISTA
GIS Record ID: DEH2002-HUPFP-111432
GIS Facility City: CHULA VISTA
GIS Facility ZipCode: 91910

Facility ZipCode:	91910	**GIS Fac Latitude:**	32.6358594
Facility Latitude:	32.713693928842666	**GIS Fac Longitude:**	-117.0970365
Facility Longitude:	-117.1579642719889		
Facility Address:	740 F ST		
GIS Facility Name:	PRUDENTIAL OVERALL SUPPLY		
GIS Facility Address:	740 F ST, CHULA VISTA, CA 91910		
Tank Owner Name:			

Hazardous Materials Facility Data

CERS ID:	10357903	**Onsite H Waste Trtmt:**	false
Facility ID No:	37-000-111432	**Haz Mat on Site:**	true
EPA ID No:	CAD981983265	**Haz Waste Generator:**	true
Active Permit:	true	**Own/Oper Under:**	false
Permit Status:	Permit Renewed	**Own/Oper Above:**	false
Bus. Phone:	(619) 427-1240	**Recycle:**	false
Bus. Fax:	0	**RCRA Large Qty Gen:**	false
Last Updated:	04/15/2022 02:31:32 AM	**HHW Collection:**	false
New Georeferenced Column:	(32.713693928842666, -117.1579642719889)		
Mailing Address:	P.O. Box 11210, Santa Ana, CA 92711		

Hazardous Waste and Materials

ID:	194246	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2019-HCHEM-0208068	**Active Permit:**	true
CAS No:	74-86-2	**Haz Material Type:**	Pure
Last Updated:	03/26/2019 02:34:45 AM	**Trade Secret:**	false
Chemical Name:	ACETYLENE		
Common Name Inventory:	ACETYLENE		

ID:	194245	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2019-HCHEM-0208067	**Active Permit:**	true
CAS No:	7782-44-7	**Haz Material Type:**	Pure
Last Updated:	03/26/2019 02:34:45 AM	**Trade Secret:**	false
Chemical Name:	OXYGEN		
Common Name Inventory:	OXYGEN		

ID:	9015	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2016-HCHEM-0089416	**Active Permit:**	true
CAS No:	74-86-2	**Haz Material Type:**	Pure
Last Updated:	04/11/2018 02:31:25 AM	**Trade Secret:**	false
Chemical Name:	ACETYLENE		
Common Name Inventory:	ACETYLENE		

ID:	9016	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2016-HCHEM-0089417	**Active Permit:**	true
CAS No:	74-98-6	**Haz Material Type:**	Pure
Last Updated:	04/11/2018 02:31:25 AM	**Trade Secret:**	false
Chemical Name:	Propane		
Common Name Inventory:	Propane		

ID:	230573	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2019-HCHEM-0224016	**Active Permit:**	true
CAS No:	74-98-6	**Haz Material Type:**	Pure
Last Updated:	03/26/2020 12:52:32 PM	**Trade Secret:**	false
Chemical Name:	Propane		
Common Name Inventory:	Propane		

ID:	230574	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2019-HCHEM-0224017	**Active Permit:**	true
CAS No:		**Haz Material Type:**	Pure
Last Updated:	03/26/2020 12:52:32 PM	**Trade Secret:**	false
Chemical Name:	Water based paint		
Common Name Inventory:	Water based paint		

ID:	308374	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2020-HCHEM-0262302	**Active Permit:**	true

CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 04/30/2021 02:44:54 AM **Trade Secret:** false
Chemical Name: Propane
Common Name Inventory: Propane

ID: 439570 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0306240 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 04/15/2022 02:31:32 AM **Trade Secret:** false
Chemical Name: Propane
Common Name Inventory: Propane

ID: 194247 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0208069 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 03/26/2019 02:34:45 AM **Trade Secret:** false
Chemical Name: Propane
Common Name Inventory: Propane

ID: 9014 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0089415 **Active Permit:** true
CAS No: 7782-44-7 **Haz Material Type:** Pure
Last Updated: 04/11/2018 02:31:25 AM **Trade Secret:** false
Chemical Name: OXYGEN
Common Name Inventory: OXYGEN

ID: 308375 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0262303 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 04/30/2021 02:44:54 AM **Trade Secret:** false
Chemical Name: Water based paint
Common Name Inventory: Water based paint

ID: 439569 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0306239 **Active Permit:** true
CAS No: **Haz Material Type:** Pure
Last Updated: 04/15/2022 02:31:32 AM **Trade Secret:** false
Chemical Name: Water based paint
Common Name Inventory: Water based paint

Hazardous Materials Inspection Violations

Container Tank ID: **Inspection No:** 4385152
Facility ID No: 37-000-111432 **Inspection Type:** Routine
ID: 4192 **Inspection Date:** 01/21/2015 12:00:00 AM
UST ID: **Compliance Date:** 04/09/2015 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 04/15/2022 12:00:00 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Class II
Violation Code: 1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c)

Container Tank ID: **Inspection No:** 6080736
Facility ID No: 37-000-111432 **Inspection Type:** Routine
ID: 45431 **Inspection Date:** 05/13/2019 04:10:53 PM
UST ID: **Compliance Date:** 05/13/2019 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 04/15/2022 12:00:00 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Class II
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Container Tank ID: **Inspection No:** 5591577
Facility ID No: 37-000-111432 **Inspection Type:** Routine
ID: 4194 **Inspection Date:** 01/03/2017 02:46:00 PM

UST ID: **Compliance Date:** 02/20/2017 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 04/15/2022 12:00:00 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Minor
Violation Code: 1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4)

Container Tank ID: **Inspection No:** 4385152
Facility ID No: 37-000-111432 **Inspection Type:** Routine
ID: 4193 **Inspection Date:** 01/21/2015 12:00:00 AM
UST ID: **Compliance Date:** 04/09/2015 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 04/15/2022 12:00:00 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Class II
Violation Code: 1010006 Failure to update hazardous material inventory within 30 days when one of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material; Any handling of a previously undisclosed hazardous materials; A change of business address, business ownership, or business name; HSC 6.95 25508.1(a)/(b)/(c)/(d)/(e).

Container Tank ID: **Inspection No:** 4385152
Facility ID No: 37-000-111432 **Inspection Type:** Routine
ID: 4190 **Inspection Date:** 01/21/2015 12:00:00 AM
UST ID: **Compliance Date:** 04/09/2015 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 04/15/2022 12:00:00 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Class II
Violation Code: 1010005 Failure to complete and/or submit an annotated site map if required by CUPA; HSC 6.95 25505(a)2.

Container Tank ID: **Inspection No:** 6080736
Facility ID No: 37-000-111432 **Inspection Type:** Routine
ID: 45430 **Inspection Date:** 05/13/2019 04:10:53 PM
UST ID: **Compliance Date:** 05/13/2019 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 04/15/2022 12:00:00 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Waste Generator
Violation Classification: Class II
Violation Code: 3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)

Container Tank ID: **Inspection No:** 4385152
Facility ID No: 37-000-111432 **Inspection Type:** Routine
ID: 4191 **Inspection Date:** 01/21/2015 12:00:00 AM
UST ID: **Compliance Date:** 04/09/2015 12:00:00 AM
Permit Status: Permit Renewed **Last Updated:** 04/15/2022 12:00:00 AM
Active Permit: true **NOV:** false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Class II
Violation Code: 1020001 Failure to include an adequate training program in the business plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled; HSC 6.95 25505(a)4

HMD Permits Map Data

GIS Facility ID: 37-000-111432 **Status:**
GIS CERS ID: 10357903 **ER Contact:** (619) 244-4466
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility **ER Con Work Ph:** (619) 427-1240
Per Type: **Census Tract:** 125.01
Per Sub Type: **Parcel Zip:** 91910
Per Cat: **Community:** Chula Vista
Record Status: Permit Renewed **Jurisdiction:** CHULA VISTA
HW Tier: Not Applicable **Basin No:** 909.12
LRG QTY MW Gener: No **BOS Dist:** 1
EPA ID No: CAD981983265 **Tbpg Grid:**
RMP CAL ARP: Not Applicable **Insp Dist:** HS014
Tank Owner: **Feature ID:** 5670900300
SIC Code: 7218 **X Coord:** 6300902.98
NAICS Code: **Y Coord:** 1812221.671

Disclose Qty Haz Mat:	Y	**Kiva Per Typ:**	HK07 111432
Exp Date:	4/29/2021	**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6300902.98000002
UST Facility:		**Point Y:**	1812221.67100002
Total No USTs:		**Lat GS84:**	32.6358594
No of Tanks:		**Lon GS84:**	-117.0970365
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	Y	**Side:**	
Recycle100:	N	**X Map Coord:**	-117.09701319265542
Onsite Haz Waste Tre:	N	**Y Map Coord:**	32.635933752593374
RCRA LRG Qty:	N	**User Fld:**	
Haz Wst Coll Site:	N	**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:	N	**ARC City:**	
Toxic Gas:	No	**ARC Zipcode:**	
Hazmat EHS:	N	**ARC State:**	
Hazmat Rad:	No	**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:	PRUDENTIAL OVERALL SUPPLY	**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:	(619) 427-1240	**Bill Code 2:**	Not Applicable
Site Address:	740 F ST	**Bill Code 3:**	Not Applicable
Parcel No:	567-090-03-00	**Univ Waste Gen Type:**	

Record Ali:	Unified Program Facility Permit
Address:	740 F ST
Business Type:	Commercial Laundries
Bill Code:	Not Applicable
ER Con Name:	Tony Crenshaw
ER Con Title:	Sales and Service Manager
Water Purv:	CHULA VISTA
Fire Agency:	CHULA VISTA
Geo SRC:	Mapped to record APN/Parcel XY center
Match Addr:	
Hirt Flag:	No
Frhmbp Report Filename:	HMBP111432.pdf
Frhmbp Sitemap Filename:	MAP_111432.pdf

HMD Facility Data

ID:	1378	**Tank Status:**	Removed
Record ID:	DEH2002-HUPFP-111432	**Tank Contents:**	
Facility ID No:	37-000-111432	**Tank Use:**	
Tank ID No:	20968	**Type of Tank:**	01
Permit Status:	Permit Renewed	**Piping System Type:**	
Active Permit:	true	**Last Updated:**	04/15/2022 02:31:32 AM
Tank Owner Name:	PRUDENTIAL OVERALL SUPPLY		
Facility Type Ust Facility:			
Tank Capacity in Galons:	2000		
Date Ust Permanently Closed:	11/08/1986 12:00:00 AM		

HMD Facility Data

ID:	1373	**Tank Status:**	Removed
Record ID:	DEH2002-HUPFP-111432	**Tank Contents:**	
Facility ID No:	37-000-111432	**Tank Use:**	
Tank ID No:	20963	**Type of Tank:**	01
Permit Status:	Permit Renewed	**Piping System Type:**	
Active Permit:	true	**Last Updated:**	04/15/2022 02:31:32 AM
Tank Owner Name:	PRUDENTIAL OVERALL SUPPLY		
Facility Type Ust Facility:			
Tank Capacity in Galons:	2000		
Date Ust Permanently Closed:	11/08/1986 12:00:00 AM		

HMD Facility Data

ID: 1377
Record ID: DEH2002-HUPFP-111432
Facility ID No: 37-000-111432
Tank ID No: 20967
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Facility Type Ust Facility:
Tank Capacity in Galons: 10000
Date Ust Permanently Closed: 11/08/1986 12:00:00 AM

Tank Status: Removed
Tank Contents:
Tank Use:
Type of Tank: 01
Piping System Type:
Last Updated: 04/15/2022 02:31:32 AM

HMD Facility Data

ID: 1375
Record ID: DEH2002-HUPFP-111432
Facility ID No: 37-000-111432
Tank ID No: 20965
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Facility Type Ust Facility:
Tank Capacity in Galons: 2000
Date Ust Permanently Closed: 11/08/1986 12:00:00 AM

Tank Status: Removed
Tank Contents:
Tank Use:
Type of Tank: 01
Piping System Type:
Last Updated: 04/15/2022 02:31:32 AM

HMD Facility Data

ID: 1379
Record ID: DEH2002-HUPFP-111432
Facility ID No: 37-000-111432
Tank ID No: 20969
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Facility Type Ust Facility:
Tank Capacity in Galons: 10000
Date Ust Permanently Closed: 11/08/1986 12:00:00 AM

Tank Status: Removed
Tank Contents:
Tank Use:
Type of Tank: 01
Piping System Type:
Last Updated: 04/15/2022 02:31:32 AM

HMD Facility Data

ID: 1376
Record ID: DEH2002-HUPFP-111432
Facility ID No: 37-000-111432
Tank ID No: 20966
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Facility Type Ust Facility:
Tank Capacity in Galons: 2000
Date Ust Permanently Closed: 11/08/1986 12:00:00 AM

Tank Status: Removed
Tank Contents:
Tank Use:
Type of Tank: 01
Piping System Type:
Last Updated: 04/15/2022 02:31:32 AM

HMD Facility Data

ID: 1374
Record ID: DEH2002-HUPFP-111432
Facility ID No: 37-000-111432
Tank ID No: 20964
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Facility Type Ust Facility:
Tank Capacity in Galons: 2000
Date Ust Permanently Closed: 11/08/1986 12:00:00 AM

Tank Status: Removed
Tank Contents:
Tank Use:
Type of Tank: 01
Piping System Type:
Last Updated: 04/15/2022 02:31:32 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

HMD Facility Data

ID: 1380
Record ID: DEH2002-HUPFP-111432
Facility ID No: 37-000-111432
Tank ID No: 20970
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: PRUDENTIAL OVERALL SUPPLY
Facility Type Ust Facility:
Tank Capacity in Galons: 7500
Date Ust Permanently Closed: 11/08/1986 12:00:00 AM

Tank Status: Removed
Tank Contents: 02
Tank Use: 01
Type of Tank: 01
Piping System Type:
Last Updated: 04/15/2022 02:31:32 AM

25	12 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F STREET CHULA VISTA CA 92010	EMISSIONS

1996 Toxic Data

Facility ID: 229
Facility SIC Code: 7218
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

25	13 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST CHULA VISTA CA 91910	CERS HAZ

Site ID: 145266
Latitude: 32.635616
Longitude: -117.096812
County:

Regulated Programs

EI ID: T0607301090 ***EI Description:*** Leaking Underground Storage Tank Cleanup Site

EI ID: 10357903 ***EI Description:*** Chemical Storage Facilities

EI ID: 10357903 ***EI Description:*** Hazardous Waste Generator

EI ID: T0607302719 ***EI Description:*** Leaking Underground Storage Tank Cleanup Site

Violations

Violation Date: 01/21/2015
Violation Source: CERS
Violation Program: HMRRP
Violation Division: San Diego County Department of Env Health
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 04/09/2015.

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date: 01/21/2015 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 04/09/2015.

Violation Description:

Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

Violations

Violation Date: 01/21/2015 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Notes:

Returned to compliance on 04/09/2015.

Violation Description:

Failure to electronically update business plan within 30 days of any one of the following events:
A 100 percent or more increase in the quantity of a previously disclosed material.
Any handling of a previously undisclosed hazardous materials at or above reportable quantities.
A change of business address, business ownership, or business name.

Violations

Violation Date: 05/13/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** San Diego County Department of Env Health
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Notes:

Returned to compliance on 05/13/2019. Inspection Sequence ID:6080736

Violation Description:

Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

Violations

Violation Date: 07/01/2022 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Returned to compliance on 07/11/2022. Inspection Sequence ID:6923421

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

Violation Date: 05/13/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 05/13/2019. Inspection Sequence ID:6080736

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 01/21/2015 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 04/09/2015.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violations

Violation Date: 01/03/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Returned to compliance on 02/20/2017.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Evaluations

Eval Date: 07/01/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Anzaldua Alison Inspection ID:6923421; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/03/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Villena Elaine Inspection ID:5591577; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/21/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Chairs Michelle Inspection ID:4385152; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/21/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Chairs Michelle Inspection ID:4385152; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/13/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Farhang Farnaz Inspection ID:6080736; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/01/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Anzaldua Alison Inspection ID:6923421; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/13/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Farhang Farnaz Inspection ID:6080736; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Environmental Contact
Entity Name: Joel Bickel
Entity Title:
Address: P.O. Box 11210
City: Santa Ana

State:	CA
Country:	
Zip Code:	92711
Phone:	

Affil Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	
Address:	PO Box 129261
City:	San Diego
State:	CA
Country:	
Zip Code:	92112-9261
Phone:	(858) 505-6880

Affil Type Desc:	Regional Board Caseworker
Entity Name:	DAVID T. BARKER - SAN DIEGO RWQCB (REGION 9)
Entity Title:	
Address:	2375 NORTHSIDE DRIVE, SUITE 100
City:	SAN DIEGO
State:	CA
Country:	
Zip Code:	
Phone:	6195213007

Affil Type Desc:	Parent Corporation
Entity Name:	PRUDENTIAL OVERALL SUPPLY
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Property Owner
Entity Name:	PRUDENTIAL OVERALL SUPPLY
Entity Title:	
Address:	P.O. Box 11210
City:	SANTA ANA
State:	CA
Country:	United States
Zip Code:	92711
Phone:	(949) 250-4855

Affil Type Desc:	Operator
Entity Name:	PRUDENTIAL OVERALL SUPPLY
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(619) 427-1240

Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	740 F STREET
City:	CHULA VISTA
State:	CA
Country:	
Zip Code:	91910
Phone:	

Affil Type Desc:	Legal Owner
Entity Name:	PRUDENTIAL OVERALL SUPPLY
Entity Title:	
Address:	P.O. Box 11210

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City: SANTA ANA
State: CA
Country: United States
Zip Code: 92711
Phone: (619) 427-1240

Affil Type Desc: Regional Board Caseworker
Entity Name: SEAN MCCLAIN - SAN DIEGO RWQCB (REGION 9)
Entity Title:
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
State: CA
Country:
Zip Code:
Phone: 6195213374

Affil Type Desc: Document Preparer
Entity Name: MLM & Associates Engineering
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Identification Signer
Entity Name: Joel Bickel
Entity Title: Associate Staff Engineer
Address:
City:
State:
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code:	HMBP	**Longitude:**	-117.097040
Program ID:	10357903	**Coord Name:**	
Latitude:	32.635860	**Ref Point Type Desc:**	Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	14 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 "F" STREET CHULA VISTA CA	HIST TANK

Owner Name: PRUDENTIAL OVERALL SUPPLY
Owner Street: 1661 ALTON AVENUE
Owner City: IRVINE
Owner State: CA
Owner Zip: 92714
No of Containers: 8
County: SAN DIEGO
Facility State: CA
Facility Zip: 92010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	15 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST CHULA VISTA CA	UST SWEEPS

C C: I37-000-11432
BOE:
Comp: 11432
Status: INACTIVE
No of Tanks: 8
Jurisdict: SAN DIEGO COUNTY
Agency: SAN DIEGO COUNTY - U.S.T.
Phone: ( ) 427-1240
D Filename: NSITE1
Page No: 225
County: SAN DIEGO
State : CA
Zip: 91910
Latitude: 32.637143
Longitude: -117.094497
Georesult: S5HPNTSCZA

Tank Details

Tank ID:	000005	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-011432-000005	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-66-01	***P Contain:***	OTHER
A Date:		***Content:***	
Capac:	10000	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	NTANK1

Tank Details

Tank ID:	000004	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-011432-000004	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-66-01	***P Contain:***	OTHER
A Date:		***Content:***	
Capac:	2000	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	NTANK1

Tank Details

Tank ID:	000001	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-011432-000001	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-66-01	***P Contain:***	OTHER
A Date:		***Content:***	
Capac:	2000	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	NTANK1

Tank Details

Tank ID:	000002	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-011432-000002	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	01-66-01	***P Contain:***	OTHER
A Date:		***Content:***	
Capac:	2000	***ONA:***	
Tank Use:	CHEMICAL	***D File Name:***	NTANK1

Tank Details

Tank ID:	000008	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-011432-000008	***Storage :***	PRODUCT
Removed:		***Storag Type:***	PRODUCT
Installed:	UNKNOWN	***P Contain:***	OTHER
A Date:		***Content:***	LEADED
Capac:	7500	***ONA:***	
Tank Use:	M.V. FUEL	***D File Name:***	NTANK1

Tank Details

Tank ID:	000003	***S Contain:***	SINGLE & LINER
O Tank ID:		***Stg:***	
SWRCB No:	37-000-011432-000003	***Storage :***	WASTE
Removed:		***Storag Type:***	WASTE
Installed:	01-66-01	***P Contain:***	OTHER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

A Date:		**Content:**	
Capac:	2000	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	NTANK1

Tank Details

Tank ID:	000006	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-011432-000006	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	UNKNOWN	**P Contain:**	OTHER
A Date:		**Content:**	
Capac:	2000	**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	NTANK1

Tank Details

Tank ID:	000007	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-011432-000007	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	UNKNOWN	**P Contain:**	OTHER
A Date:		**Content:**	
Capac:	10000	**ONA:**	
Tank Use:	CHEMICAL	**D File Name:**	NTANK1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
25	16 of 16	NNE	0.12 / 629.75	36.22 / 18	PRUDENTIAL OVERALL SUPPLY 740 F ST CHULA VISTA CA	UST SWEEPS

C C:	A37-000-11432	**D Filename:**	SITE02A
BOE:		**Page No:**	53
Comp:	11432	**County:**	SAN DIEGO
Status:	ACTIVE	**State :**	CA
No of Tanks:		**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	32.637143
Agency:	SAN DIEGO COUNTY - U.S.T.	**Longitude:**	-117.094497
Phone:		**Georesult:**	S5HPNTSCZA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
26	1 of 1	ENE	0.12 / 634.08	28.22 / 10	DASHAWN PALMER 724 G ST CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAC003060947
Gen Status Universe:	No Report
Contact Name:	DASHAWN PALMER
Contact Address:	724 G ST, CHULA VISTA, CA, 91910,
Contact Phone No and Ext:	716-541-5814
Contact Email:	DPALMER477@GMAIL.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20200320
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200320
Handler Name:	DASHAWN PALMER
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	724 G ST
Name:	DASHAWN PALMER	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	716-541-5814	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	724 G ST
Name:	DASHAWN PALMER	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	716-541-5814	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
27	1 of 3	SE	0.12 / 654.06	22.10 / 4	MANNS TEXACO & U-HAUL 730 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID:	DEH2002-HUPFP-112972	***GIS Record ID:***	DEH2002-HUPFP-112972
Facility Name:		***GIS Facility City:***	CHULA VISTA
Facility City:		***GIS Facility ZipCode:***	91910
Facility ZipCode:		***GIS Fac Latitude:***	32.6291733
Facility Latitude:		***GIS Fac Longitude:***	-117.0947614
Facility Longitude:			
Facility Address:			
GIS Facility Name:	MANNS TEXACO & U-HAUL		
GIS Facility Address:	730 H ST, CHULA VISTA, CA 91910		
Tank Owner Name:			

HMD Permits Map Data

GIS Facility ID:		***Status:***	
GIS CERS ID:		***ER Contact:***	
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	***ER Con Work Ph:***	
Per Type:		***Census Tract:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Per Sub Type:		**Parcel Zip:**	
Per Cat:		**Community:**	
Record Status:	Completed	**Jurisdiction:**	
HW Tier:		**Basin No:**	
LRG QTY MW Gener:		**BOS Dist:**	
EPA ID No:		**Tbpg Grid:**	
RMP CAL ARP:		**Insp Dist:**	
Tank Owner:		**Feature ID:**	5710301200
SIC Code:		**X Coord:**	6301571.562
NAICS Code:		**Y Coord:**	1809767.847
Disclose Qty Haz Mat:		**Kiva Per Typ:**	HK07 112972
Exp Date:		**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6301571.56209
UST Facility:		**Point Y:**	1809767.84698
Total No USTs:		**Lat GS84:**	32.6291733
No of Tanks:		**Lon GS84:**	-117.0947614
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	Yes	**Side:**	
Recycle100:		**X Map Coord:**	-117.09477702125531
Onsite Haz Waste Tre:		**Y Map Coord:**	32.629204791195875
RCRA LRG Qty:		**User Fld:**	
Haz Wst Coll Site:		**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:		**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:		**ARC State:**	
Hazmat Rad:		**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:		**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:		**Bill Code 2:**	
Site Address:		**Bill Code 3:**	
Parcel No:	571-030-12-00	**Univ Waste Gen Type:**	
Record Ali:	Unified Program Facility Permit		
Address:	730 H ST		
Business Type:			
Bill Code:			
ER Con Name:			
ER Con Title:			
Water Purv:			
Fire Agency:			
Geo SRC:	Mapped to record APN/parcel center XY		
Match Addr:			
Hirt Flag:			
Frhmbp Report Filename:			
Frhmbp Sitemap Filename:			

27	2 of 3	SE	0.12 / 654.06	22.10 / 4	**WALLACE MANN TEXACO** **730 "H" STREET** **" CA**	**HIST TANK**

Owner Name:	WALLACE A. MANN	**No of Containers:**	5
Owner Street:	730 "H" STREET	**County:**	SAN DIEGO
Owner City:	CHULA VISTA	**Facility State:**	CA
Owner State:	CA	**Facility Zip:**	92010
Owner Zip:	92010		

27	3 of 3	SE	0.12 / 654.06	22.10 / 4	**MANNS TEXACO & U-HAUL** **730 H ST** **CHULA VISTA CA**	**UST SWEEPS**

C C:	I37-000-12972	**D Filename:**	NSITE1
BOE:	44-022681	**Page No:**	227

Comp:	12972	**County:**	SAN DIEGO
Status:	INACTIVE	**State :**	CA
No of Tanks:	5	**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	32.629608
Agency:	SAN DIEGO COUNTY - U.S.T.	**Longitude:**	-117.093845
Phone:	(619) 426-1212	**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000001	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-012972-000001	**Storage :**	WASTE
Removed:		**Storag Type:**	WASTE
Installed:	UNKNOWN	**P Contain:**	STEEL CLAD W/FRP
A Date:		**Content:**	
Capac:	500	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	NTANK1

Tank Details

Tank ID:	000003	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-012972-000003	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	UNKNOWN	**P Contain:**	STEEL CLAD W/FRP
A Date:		**Content:**	REG UNLEADED
Capac:	6000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK1

Tank Details

Tank ID:	000004	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-012972-000004	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	UNKNOWN	**P Contain:**	STEEL CLAD W/FRP
A Date:		**Content:**	LEADED
Capac:	6000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK1

Tank Details

Tank ID:	000005	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-012972-000005	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	UNKNOWN	**P Contain:**	STEEL CLAD W/FRP
A Date:		**Content:**	LEADED
Capac:	6000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK1

Tank Details

Tank ID:	000002	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-012972-000002	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	UNKNOWN	**P Contain:**	STEEL CLAD W/FRP
A Date:		**Content:**	OTHER
Capac:	6000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	1 of 2	NNW	0.13 / 666.55	33.01 / 15	LAGOON DRIVE CHEMICALS BAY BLVD. & LAGOON DRIVE CHULA VISTA CA 91910	SEMS ARCHIVE

Site ID: 0905388
EPA ID: CA0002323871
Superfund Alt Agmt: No
Federal Facility: No
FF Docket: No
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
FIPS Code: 06073
Cong District:
Region: 09
County: SAN DIEGO

Action Information

Operable Units: 00
Action Code: VU
Action Name: UNARCHIVE
SEQ: 1
Start Actual:
Finish Actual: 12/15/2003
Qual:
Curr Action Lead: EPA Perf In-Hse

Operable Units: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Actual:
Finish Actual: 09/15/2003
Qual:
Curr Action Lead: EPA Perf In-Hse

Operable Units: 00
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Actual: 03/05/1998
Finish Actual: 03/25/1998
Qual: C
Curr Action Lead: EPA Perf

Operable Units: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Actual: 10/01/2001
Finish Actual: 05/07/2002
Qual: N
Curr Action Lead: St Perf

Operable Units: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 2
Start Actual:
Finish Actual: 11/08/2013
Qual:
Curr Action Lead: EPA Perf In-Hse

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	2 of 2	NNW	0.13 / 666.55	33.01 / 15	BAY BLVD. AND F STREET BAY BLVD. AND F STREET Chula Vista CA 91910	DELISTED CLEANUP

Delisted GeoTracker Cleanup Program Sites

Global ID: SL163904227
Site Facility Type: Cleanup Program Site
Status: Open - Inactive
Status Date: 1/2/1994
County: San Diego
Latitude: 32.63601
Longitude: -117.09984
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download
Record Date: GTCL
Original Source: 01-JAN-11

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
29	1 of 1	NNW	0.13 / 669.53	33.01 / 15	LAGOON DRIVE CHEMICALS BAY BLVD. & LAGOON DRIVE CHULA VISTA CA 91910	CERCLIS

Site ID: 0905388
Site EPA ID: CA0002323871
Site Street Address 2:
Site County Name: SAN DIEGO
RNPL Status Code: N
NPL Status: Not on the NPL
RFED Facility Code: N
RFED Facility Desc: Not a Federal Facility

Site FIPS Code:	06073	**USGS Hydro Unit No.:**	
Region Code:	09	**Site Cong. Dist. Code:**	
Site SMSA No.:		**ROT Desc:**	
Site Prim. Latitude:		**FR NPL Update No.:**	
Site Prim. Longitude:		**RFRA Code:**	
Lat Long Source:			

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Site Contact Name(s)

Person ID:	13003854.00
First Name:	Leslie
Last Name:	Ramirez
Phone No.:	4159723978
Email:	

CERCLIS Site Contact Name(s)

Person ID:	13003858.00
First Name:	Sharon
Last Name:	Murray
Phone No.:	4159724250
Email:	

CERCLIS Site Contact Name(s)

Person ID:	13004003.00
First Name:	Carl
Last Name:	Brickner
Phone No.:	
Email:	

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA In-House
Act Code ID:	001	**Act Start Date:**	
RAT Code:	VS	**Act Complete Date:**	9/15/2003 00:00:00
RAT Short Name:	ARCH SITE	**AGT Order No.:**	1500
RAT Name:	ARCHIVE SITE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	
Act Code ID:		**Act Start Date:**	
RAT Code:		**Act Complete Date:**	
RAT Short Name:		**AGT Order No.:**	0
RAT Name:		**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:		**SH Seq:**	
RAT Level:		**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:			

RAT Def:

Site Desc: Cargo container and trailer containing chemicals found parked on vacant site. City of San Diego, San Diego County, and EPA Region 9 Emergency Response responded and properly disposed of chemicals. No residual contamination.

.

Site Alias: No alias data available

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	3/5/1998 00:00:00
RAT Code:	RV	**Act Complete Date:**	3/25/1998 00:00:00
RAT Short Name:	RMVL	**AGT Order No.:**	70
RAT Name:	REMOVAL	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	V	**SH Lead:**	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA Fund
Act Code ID:	001	**Act Start Date:**	
RAT Code:	DS	**Act Complete Date:**	3/5/1998 00:00:00
RAT Short Name:	DISCVRY	**AGT Order No.:**	10
RAT Name:	DISCOVERY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	EPA In-House
Act Code ID:	001	**Act Start Date:**	
RAT Code:	VU	**Act Complete Date:**	12/15/2003 15:41:26
RAT Short Name:	UNARCHIVE	**AGT Order No.:**	1501
RAT Name:	SITE UNARCHIVED	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		

RAT Def: A decision is made that the site should no longer be archived because further activity may be necessary at the site.

Site Desc:

Site Alias:

CERCLIS Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OU ID:	00	**RALT Short Name:**	State (Fund)
Act Code ID:	001	**Act Start Date:**	10/1/2001 00:00:00
RAT Code:	PA	**Act Complete Date:**	5/7/2002 00:00:00
RAT Short Name:	PA	**AGT Order No.:**	130
RAT Name:	PRELIMINARY ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:

Site Alias:

30	1 of 1	N	0.13 / 706.00	29.67 / 11	**SAN DIEGO SHIP BUILDING** **980 F STREET** **CHULA VISTA CA 92101**	ENVIROSTOR

Estor/EPA ID:	37370125	**Assembly District:**	80
Site Code:	400563	**Senate District:**	40
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	NONE SPECIFIED	**Public Partici Spclst:**	
Census Tract:	6073012600	**Project Manager:**	
Site Type:	* HISTORICAL	**County:**	SAN DIEGO
Address Description:	980 F STREET	**Latitude:**	32.6361111111111
Office:	CLEANUP CYPRESS	**Longitude:**	-117.098333333333
Special Program:	EPA - PASI	**Acres:**	15 ACRES
Funding:		**Supervisor:**	

Cleanup Status: REFER: OTHER AGENCY AS OF 11/2/1998
Cleanup Oversight Agencies: US EPA - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

LEAD
OTHER INORGANIC SOLID WASTE

Site History:

Status: REFER: OTHER AGENCY
Program Type: HISTORICAL
CalEnviroScreen Score: 80-85%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=37370125

Completed Activities

Title: Site Screening
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Screening
Date Completed: 1/26/1995
Comments: Site was identified from a non-emergency release report dated August 1994. The San Diego Unified Port District, a prospective buyer, conducted a Phase I and Phase II assess- ments and found that the site is contaminated with copper, zinc, and lead. A PEA notification letter was sent to the Port.

Title: Preliminary Assessment Report
Title Link:
Area Name:
Area Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sub Area:
Sub Area Link:
Document Type: Preliminary Assessment Report
Date Completed: 9/18/1996
Comments: A Preliminary Assessment was completed under U.S. EPA grant. No further assessment action is warranted by U. S. EPA. However, DTSC requires a Preliminary Endangerment Assessment due to heavy metals on the site.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
31	1 of 2	E	0.15 / 781.24	27.26 / 9	RON MARTIN 456 WOODAWN AVE UNIT D CHULA VISTA CA 91910	RCRA TSD

EPA Handler ID: CAC003019955
Gen Status Universe: No Report
Contact Name: RON MARTIN
Contact Address: 456 WOODAWN AVE, UNIT D, CHULA VISTA, CA, 91910,
Contact Phone No and Ext: 916-385-4342
Contact Email: INFO@JJANDSCONSTRUCTION.COM
Contact Country:
Land Type:
County Name: SAN DIEGO
EPA Region: 09
Receive Date: 20190617
Location Latitude: 32.631264
Location Longitude: -117.094779

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190617
Handler Name: RON MARTIN
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: RON MARTIN
Date Became Current:
Date Ended Current:
Street No:
Street 1: 456 WOODAWN AVE
Street 2: UNIT D
City: CHULA VISTA
State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:	916-385-4342	**Country:**	
Source Type:	Implementer	**Zip Code:**	91910
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	456 WOODAWN AVE
Name:	RON MARTIN	**Street 2:**	UNIT D
Date Became Current:		**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	916-385-4342	**Country:**	
Source Type:	Implementer	**Zip Code:**	91910

31	2 of 2	E	0.15 / 781.24	27.26 / 9	**RON MARTIN** **456 WOODAWN AVE UNIT D** **CHULA VISTA CA 91910**	**RCRA NON GEN**

EPA Handler ID:	CAC003019955
Gen Status Universe:	No Report
Contact Name:	RON MARTIN
Contact Address:	456 WOODAWN AVE, UNIT D, CHULA VISTA, CA, 91910,
Contact Phone No and Ext:	916-385-4342
Contact Email:	INFO@JJANDSCONSTRUCTION.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20190617
Location Latitude:	32.631264
Location Longitude:	-117.094779

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190617
Handler Name:	RON MARTIN
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	456 WOODAWN AVE
Name:	RON MARTIN	**Street 2:**	UNIT D
Date Became Current:		**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	916-385-4342	**Country:**	
Source Type:	Implementer	**Zip Code:**	91910

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	456 WOODAWN AVE
Name:	RON MARTIN	**Street 2:**	UNIT D
Date Became Current:		**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	916-385-4342	**Country:**	
Source Type:	Implementer	**Zip Code:**	91910

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	1 of 20	ESE	0.15 / 804.52	23.09 / 5	ARCO AM/PM MINI MARKET #1914 720 H ST CHULA VISTA CA 91910	DELISTED TNK

Delisted Storage Tanks

Facility ID:	H20106	**County:**	San Diego
Latitude:	32.6305819	**Original Source:**	UST
Longitude:	-117.0928471	**Record Date:**	30-JAN-2017
Permitting Agency:	SAN DIEGO COUNTY		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	2 of 20	ESE	0.15 / 804.52	23.09 / 5	ARCO AM/PM MINI MARKET #1914 720 H ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1995-LSAM-H20106-001	**BOS District:**	1
Record ID (DEH):	DEH1995-LSAM-H20106-001	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	7/24/1995, 8:00 PM
ID:	6464	**Opened Date:**	7/24/1995, 8:00 PM
Object ID:	6339	**ThomasBros Map Gd:**	1329 J 1
SWRCB Global ID:	T0607301869	**Jurisdiction:**	CHULA VISTA
Feature ID:	5710300900	**Census Tract:**	126.00
Parcel No:	571-030-09-00	**Watershed Basin:**	909.12
Case No:	H20106-001	**GT Global ID:**	T0607301869
H No:	H20106	**GT RB Case No:**	9UT3103
KIVA per Tp per No:	6SAM H20106	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Open	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	YES
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	07/25/1995	**GT Latitude:**	32.62944986
Per Type:	LWQD	**GT Longitude:**	-117.09424317
Primary Parcel:	YES	**Latitude GS84:**	32.6293162
Primary Address:	YES	**Longitude GS84:**	-117.0942588
Address Type:	MASTER	**Point X:**	6301723.33015655
City:	CHULA VISTA	**Point Y:**	1809807.61987072
Community:	Chula Vista	**X:**	6301727.884
Zip Code:	91910	**Y:**	1809818.256
Zip Community:	91910	**X1:**	-117.09428515306077
Agency Name:	COSD	**Y1:**	32.62931747794904
Project Name:	ARCO AM/PM MINI MARKET #1914		
Address:	720 H ST, CHULA VISTA CA 91910		
Historical Name:	ARCO 1914		
Record Name:	ARCO AM/PM MINI MARKET #1914		
Street String:	720 H ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	CHULA VISTA		
GT Status:	Open - Remediation		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Case Type: LOP - Local Oversight Program
Funding: S - LOP State Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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32 | 3 of 20 | ESE | 0.15 / 804.52 | 23.09 / 5 | **ARCO AM/PM MINI MARKET #1914**
720 H ST
CHULA VISTA CA 919104004 | LUST

Global ID: T0607301869
Status Date: 4/7/2020
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6073012600
Match Key: T0607301869
County: SAN DIEGO
Latitude: 32.6294498599177
Longitude: -117.094243168831

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: YES
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Worker: LT
Local Agency:
RB Case No: 9UT3103
Local Case No:
File Location: Local Agency
Potential COC: Gasoline
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 7/25/1995
How Discovered: Site Assessment/Site Investigation
How Discovered Description:
Stop Method: Other Means
Stop Description: OTHER MEANS **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
CalEnvScreen Score:
Coordinate Source: Manual Entry on Screens
Discharge Cause: Physc / Mech Damage
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1995-07-25 00:00:00
Military DoD Site: No
No Further Action Dt: 2020-04-07 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
Site History:

In April 1995, Liquid Phase Hydrocarbons were identified on site. Site assessment activities have been ongoing to determine the extent of the contamination plume for this site. Joint monitoring is occuring between this site and the MTDB site (DEH case # H39642-001). Joint monitoring is utilized to compare both sites and ensure that the data will represent a larger area for data analysis. Please see the Environmental Data tab for additional site specific informaiton.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Action Type: RESPONSE
Date : 9/15/2015
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Action Type: RESPONSE
Date : 8/5/2015

Action: Monitoring Report - Semi-Annually

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: LALITHA THOTAKURA
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: lalitha.thotakura@waterboards.ca.gov
Phone No: 6195213002

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Remediation
Status Date: 2/23/2004

Status: Completed - Case Closed
Status Date: 4/7/2020

Status: Open - Case Begin Date
Status Date: 7/25/1995

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: ARCO AM/PM MINI MARKET #1914
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 720 H ST
City: CHULA VISTA
Zip: 919104004
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301869
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/7/2020
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607301869&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT3103
CASEWORKER: LALITHA THOTAKURA
SAN DIEGO COUNTY LOP - CASE #: H20106-001
CUF Claim: 15497
CUF Priority Assig: D
CUF Amount Paid: $660,184
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque: # OF WELLS MONITORED - SEMI-ANNUALLY : 18
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

In April 1995, Liquid Phase Hydrocarbons were identified on site. Site assessment activities have been ongoing to determine the extent of the contamination plume for this site. Joint monitoring is occuring between this site and the MTDB site (DEH case # H39642-001). Joint monitoring is utilized to compare both sites and ensure that the data will represent a larger area for data analysis. Please see the Environmental Data tab for additional site specific informaiton.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Remediation
Date : 2/23/2004

Status: Completed - Case Closed
Date : 4/7/2020

Status: Open - Case Begin Date
Date : 7/25/1995

Sites from GeoTracker Search - Cleanup Action Report (as of Oct 17, 2022)

Action Type: SOIL VAPOR EXTRACTION (SVE)
Begin Date: 6/24/2002
End Date: 10/30/2007
Phase: Water
Contaminant Mass Removed: 11,830 Pounds
Description: SVE/AS System. Benzene removed: 9.4 pounds, MTBE removed: 80.1 pounds 6/30/2009: Begin Biosparge operation without concurrent SVE operation.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2010
Received Issue Date: 7/29/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5674103
Title Description Comments:

Groundwater Remediation Report SA 2Q-2010

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/30/2010
Received Issue Date: 1/27/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5669687
Title Description Comments:

Groundwater Monitoring and Sampling

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 10/30/2009
Received Issue Date: 11/1/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5669508
Title Description Comments:

Quarterly Groundwater Monitoring and Sampling

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 7/30/2009
Received Issue Date: 7/27/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5650672
Title Description Comments:

ARCO Quarterly Groundwater Remediation Report

Action Type: Notices
Action: Letter - Notice

Action Date: 7/15/2009
Received Issue Date: 7/15/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6023228&temptable=ENFORCEMENT
Title Description Comments:

GW Monitoring Reduction Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 5/4/2009
Received Issue Date: 5/4/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5648590
Title Description Comments:

ARCO Quarterly Groundwater Monitoring Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/30/2009
Received Issue Date: 1/30/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5647761
Title Description Comments:

ARCO Quarterly Groundwater Remediation Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 11/10/2008
Received Issue Date: 11/10/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5647712
Title Description Comments:

ARCO Quarterly Groundwater Remediation Report

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/6/2008
Received Issue Date: 8/6/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=5985090&temptable=ENFORCEMENT
Title Description Comments:

Report-8-6-08

Action Type: Cleanup Action
Action: Soil Vapor Extraction (SVE)
Action Date: 6/24/2002
Received Issue Date:
Doc Link:
Title Description Comments:

SVE/AS System. Benzene removed: 9.4 pounds, MTBE removed: 80.1 pounds 6/30/2009: Begin Biosparge operation without concurrent SVE operation.

Action Type: Notices
Action: Notice of Responsibility
Action Date: 8/29/1995
Received Issue Date: 8/29/1995
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 7/25/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 7/25/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 7/25/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 7/25/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 4/7/2020
Received Issue Date: 4/7/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6433675&temptable=ENFORCEMENT
Title Description Comments:

Uniform Closure Letter

Action Type: Response Requested - Reports
Action: Well Destruction Report
Action Date: 8/29/2019
Received Issue Date: 8/29/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=6003151
Title Description Comments:

2019-0829-Phase II Well Abandonment Report

Action Type: Response Requested - Reports
Action: Well Destruction Report
Action Date: 6/7/2019
Received Issue Date: 6/7/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5995696
Title Description Comments:

Phase I Well Abandonment Report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 1/25/2019
Received Issue Date: 1/25/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6383276&temptable=ENFORCEMENT
Title Description Comments:

Well Destruction Directive

Action Type: Notices
Action: Notification - Public Notice of Case Closure
Action Date: 11/6/2018
Received Issue Date: 11/6/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6375903&temptable=ENFORCEMENT
Title Description Comments:

Property Owner Notification and Public Notice

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 9/11/2018
Received Issue Date: 9/11/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6373304&temptable=ENFORCEMENT
Title Description Comments:

Property owners contact information

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/31/2018
Received Issue Date: 7/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5971758
Title Description Comments:

Semiannual Groundwater Monitoring and Remediation Status Report, January to June 2018

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 7/19/2018
Received Issue Date: 7/19/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6372839&temptable=ENFORCEMENT
Title Description Comments:

RP contact information

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 6/29/2018
Received Issue Date: 6/29/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6362648&temptable=ENFORCEMENT
Title Description Comments:

DEH Transfer Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2018
Received Issue Date: 1/23/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5955094
Title Description Comments:

Semiannual Groundwater Monitoring and Remediation Status Report, July to December 2017

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2017

Received Issue Date: 7/20/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5932055
Title Description Comments:

Semiannual Groundwater Monitoring and Remediation Status Report January to June 2017

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/4/2017
Received Issue Date: 4/4/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6316125&temptable=ENFORCEMENT
Title Description Comments:

Oxygen Injection Well Abandonment & Installation Work Plan

Action Type: Response Requested - Workplans
Action: Well Installation Workplan - Regulator Responded
Action Date: 2/3/2017
Received Issue Date: 2/3/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5912879
Title Description Comments:

Oxygen Injection Well Abandonment and Installation Work Plan

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2017
Received Issue Date: 1/27/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5912878
Title Description Comments:

Semiannual Groundwater Monitoring & Remediation Status Report, June to Dec. 2016

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 9/28/2016
Received Issue Date: 9/28/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6299570&temptable=ENFORCEMENT
Title Description Comments:

DEH Response: Soil Vapor Summary and Human Health Risk Assessment

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2016
Received Issue Date: 7/29/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5903047
Title Description Comments:

Semi-Annual Groundwater Monitoring & Remediation Status Report Q2-2016

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2016
Received Issue Date: 7/29/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5901583
Title Description Comments:

Semi-Annual Groundwater Monitoring and Remediation Status Report January to June 2016

Action Type: Response Requested - Reports
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

Action Date: 2/26/2016
Received Issue Date: 2/26/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5889537
Title Description Comments:

Soil Vapor Survey & Human Health Risk Assessment Report

Action Type: Response Requested - Workplans
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Action Date: *9/15/2015
Received Issue Date: 8/18/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5860707
Title Description Comments:

Workplan for Soil Gas Survey

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/5/2015
Received Issue Date: 10/5/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6263378&temptable=ENFORCEMENT
Title Description Comments:

WP for Soil Gas Survey Approval

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: *8/5/2015
Received Issue Date: 6/30/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5852360
Title Description Comments:

2 Q 2015

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/16/2015
Received Issue Date: 1/16/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6233563&temptable=ENFORCEMENT
Title Description Comments:

Email Approving Re-drilling of AS-6R & AS-8R

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 7/30/2014
Received Issue Date: 7/31/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5799312
Title Description Comments:

Groundwater Monitoring and Sampling SA Q2-2013

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/5/2014
Received Issue Date: 3/5/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6194565&temptable=ENFORCEMENT
Title Description Comments:

DEH Response: Semi-Annual Groundwater Remediation Report Q2-2013

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2014
Received Issue Date: 6/5/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5821956
Title Description Comments:

Groundwater Monitoring and Sampling SA Q4-2013

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2013
Received Issue Date: 2/4/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5771155
Title Description Comments:

Groundwater Monitoring and Sampling SA Q4-2012

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2012
Received Issue Date: 7/30/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5771154
Title Description Comments:

Groundwater Monitoring and Sampling SA Q2-2012

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2012
Received Issue Date: 1/31/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5739171
Title Description Comments:

Groundwater Monitoring and Sampling SA Q4-2011

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2011
Received Issue Date: 7/29/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301869&doc_id=5726290
Title Description Comments:

Groundwater Monitoring and Sampling SA Q2-2011

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2011
Received Issue Date: 1/28/2011
Doc Link:
Title Description Comments:

Groundwater Remediation Report SA 4Q-2010

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 6/8/2004 ***Submitted By:*** STANTEC-BP (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/3396909415/T0607301869.pdf

Submitted: 8/13/2002 ***Submitted By:*** STANTEC-BP (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2178662955/T0607301869.pdf

Submitted: 4/28/2005 ***Submitted By:*** STANTEC-BP (CONTRACTOR)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9631238639/T0607301869.pdf

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 9/11/2018
Type: EMAIL CORRESPONDENCE ***Submitted:***
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: PROPERTY OWNERS CONTACT INFORMATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6373304

Document Type: Site Documents ***Document Date:*** 8/18/2015
Type: SOIL VAPOR INTRUSION INVESTIGATION WORKPLAN ***Submitted:***
Submitted By: EWAN MOFFAT (REGULATOR)
Title: WORKPLAN FOR SOIL GAS SURVEY - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&document_id=5860707

Document Type: Site Documents ***Document Date:*** 11/13/2003*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -AGENCY APPROVAL OF SITE ASSESSMENT REPORT ADDENDUM WITH DIRECTIVE TO DISCONTINUE SAMPLING AND NOT DESTROY WELL MW-23 AND SUBMIT CAP DATED 11-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3895470380/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 2/13/2003*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -AGENCY DIRECTIVE TO SUBMIT FUEL FINGERPRINTING DATED 02-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4999247670/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 1/20/2003*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -SITE ASSESSMENT REPORT DATED 01-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5246905684/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 11/20/2002*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -3Q 2002 QUARTERLY GROUNDWATER MONITORING REPORT DATED 11-2002 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7908069014/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 10/9/2002*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -60-DAY WELL REPORT DATED 10-2002 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5288546979/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/30/2013
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: SEMI-ANNUAL MONITORING REPORT, 2013-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7670861423/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/26/2010
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)

Title: SEMI-ANNUAL MONITORING REPORT, 2009-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3974671721/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 4/7/2020
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: UNIFORM CLOSURE LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6433675

Document Type: Site Documents ***Document Date:*** 7/19/2018
Type: EMAIL CORRESPONDENCE ***Submitted:***
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: RP CONTACT INFORMATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6372839

Document Type: Site Documents ***Document Date:*** 1/30/2004*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -4Q 2003 QUARTERLY GROUNDWATER MONITORING REPORT DATED 01-2004 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3904534101/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 7/14/2003*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -2Q 2003 QUARTERLY GROUNDWATER MONITORING REPORT DATED 07-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9008370161/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/31/2018
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: SEMIANNUAL GROUNDWATER MONITORING AND REMEDIATION STATUS REPORT, JANUARY TO JUNE 2018 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4893960773/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 11/1/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2007-Q3 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5313886344/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 8/21/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2007-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8670979380/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 5/8/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2007-Q1 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4508410394/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 6/30/2006
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2005-Q3 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7276690423/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 3/13/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2006-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9692625284/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 11/6/2006

Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2006-Q3 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2261294305/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 10/5/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: EWAN MOFFAT (REGULATOR)
Title: WP FOR SOIL GAS SURVEY APPROVAL **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6263378

Document Type: Site Documents ***Document Date:*** 8/18/2015
Type: SOIL VAPOR INTRUSION INVESTIGATION WORKPLAN ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: CHULA VISTA H ST SVS WORK PLAN GEO REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6898027420/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 12/3/2013
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: H STREET CHULA VISTA TRANSFER OF OVERSIGHT GEO_REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4013334155/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 7/15/2005
Type: REPORTS - OTHER ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2005-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2640500724/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 2/14/2003*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -4Q 2002 QUARTERLY GROUNDWATER MONITORING REPORT DATED 02-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8661297142/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/20/2017
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: SEMIANNUAL GROUNDWATER MONITORING AND REMEDIATION STATUS REPORT, JANUARY TO JUNE 2017 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9175391852/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/14/2015
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: CHULA VISTA H ST 2Q14 GWMR GEO REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4992301285/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 8/29/2019
Type: WELL DESTRUCTION REPORT ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: 2019-0829-PHASE II WELL ABANDONMENT REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3902731120/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 9/28/2016
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: ED PAREDES (REGULATOR)
Title: DEH RESPONSE: SOIL VAPOR SUMMARY AND HUMAN HEALTH RISK ASSESSMENT **Note: Many records provided by the department have a truncated [Title] field.

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6299570

Document Type: Site Documents **Document Date:** 3/5/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: ED PAREDES (REGULATOR)
Title: DEH RESPONSE: SEMI-ANNUAL GROUNDWATER REMEDIATION REPORT Q2-2013 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6194565

Document Type: Site Documents **Document Date:** 10/7/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -AGENCY APPROVAL OF REQUEST TO CONDUCT NON-PURGE QUARTERLY GROUNDWATER SAMPLING DATED 10-2004 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1686541974/T0607301869.PDF

Document Type: Site Documents **Document Date:** 10/14/2003*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -3Q 2003 QUARTERLY GROUNDWATER MONITORING REPORT DATED 10-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3928714215/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 1/27/2017
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: STEVE HASH (CONTRACTOR)
Title: CHULA VISTA H 4Q16 GWM & REMED STATUS GEO REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4892783820/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 6/4/2014
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: STEVE HASH (CONTRACTOR)
Title: CHULA VISTA H ST 4Q13 GWMR GEO REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8395959079/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 7/28/2010
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: SEMI-ANNUAL MONITORING REPORT, 2010-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9578347623/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 4/30/2009
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2009-Q1 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1246987462/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 1/23/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2007-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5977034628/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 2/3/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2005-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3224561929/T0607301869.PDF

Document Type: Site Documents **Document Date:** 4/4/2017
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: ED PAREDES (REGULATOR)
Title: OXYGEN INJECTION WELL ABANDONMENT & INSTALLATION WORK PLAN **Note: Many records provided by

the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6316125

Document Type: Site Documents ***Document Date:*** 3/16/2010
Type: CORRESPONDENCE ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: SAM MW-23 CORRESPONDENCE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1059548795/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 7/15/2009
Type: LETTER - NOTICE ***Submitted:***
Submitted By: (REGULATOR)
Title: GW MONITORING REDUCTION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6023228

Document Type: Site Documents ***Document Date:*** 10/31/2003*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -PURGE VS. NO PURGE SAMPLING METHOD EVALUATION DATED 10-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6370700299/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/31/2013
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: ED PAREDES (REGULATOR)
Title: GROUNDWATER MONITORING AND SAMPLING SA Q2-2013 - - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/7791262567/H20106%2D001%20GMR%20%26%20case%20status%203%2D5%2D14%2Epdf

Document Type: Monitoring Reports ***Document Date:*** 1/30/2013
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: SEMI-ANNUAL MONITORING REPORT, 2012-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8416505336/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 8/10/2006
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2006-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7094084024/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 11/6/2018
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE ***Submitted:***
Submitted By: MARTIN VALEROCASAS (REGULATOR), LALITHA THOTAKURA (REGULATOR)
Title: PROPERTY OWNER NOTIFICATION AND PUBLIC NOTICE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6375903

Document Type: Site Documents ***Document Date:*** 6/29/2018
Type: REFERRAL TO REGIONAL BOARD ***Submitted:***
Submitted By: COLLEEN HINES (REGULATOR)
Title: DEH TRANSFER LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6362648

Document Type: Site Documents ***Document Date:*** 2/26/2016
Type: SOIL VAPOR INTRUSION INVESTIGATION REPORT ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: CHULA VISTA H ST SVS SUMMARY AND HHRA GEO REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4055967867/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 2/17/2004*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)

Title: HISTORICAL -CORRECTIVE ACTION PLAN DATED 02-2004 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3316638410/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 4/9/2003*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -1Q 2003 QUARTERLY GROUNDWATER MONITORING REPORT DATED 04-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7831531107/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 8/21/2002*
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -2Q 2002 QUARTERLY GROUNDWATER MONITORING REPORT DATED 08-2002 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9051836967/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/29/2016
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: CHULA VISTA H 2Q16 GWM & REMED STATUS GEO REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8235266327/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 6/30/2015
Type: MONITORING REPORT - SEMI-ANNUALLY ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: H ST CHULA VISTA SEMIANNUAL MONITORING AND REMEDIATION STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3748308300/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/24/2009
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2009-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2872689366/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 1/30/2009
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2008-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7492303013/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 10/31/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2008-Q3 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6103926718/T0607301869.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/30/2008
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2008-Q1 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8953642904/T0607301869.PDF

Document Type: Site Documents ***Document Date:*** 1/25/2019
Type: STAFF LETTER ***Submitted:***
Submitted By: MARTIN VALEROCASAS (REGULATOR)
Title: WELL DESTRUCTION DIRECTIVE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6383276

Document Type: Site Documents ***Document Date:*** 6/29/2017
Type: WELL INSTALLATION REPORT ***Submitted:***
Submitted By: STEVE HASH (CONTRACTOR)
Title: 60-DAY DRILLING AND WELL INSTALLATION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9916498005/T0607301869.PDF

Document Type: Site Documents **Document Date:** 2/3/2017
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: STEVE HASH (CONTRACTOR)
Title: CHULA VISTA H WELL ABANDON AND INSTALL WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2471534430/T0607301869.PDF

Document Type: Site Documents **Document Date:** 4/15/2005
Type: REPORTS - OTHER **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2005-Q1 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7022260367/T0607301869.PDF

Document Type: Site Documents **Document Date:** 1/13/2005
Type: REPORTS - OTHER **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2004-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3872205436/T0607301869.pdf

Document Type: Site Documents **Document Date:** 10/15/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -3Q 2004 QUARTERLY GROUNDWATER MONITORING REPORT DATED 10-2004 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8418541669/T0607301869.PDF

Document Type: Site Documents **Document Date:** 7/15/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -2Q 2004 QUARTERLY GROUNDWATER MONITORING REPORT DATED 07-2004 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6222720682/T0607301869.PDF

Document Type: Site Documents **Document Date:** 10/10/2003*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -SITE ASSESSMENT REPORT ADDENDUM DATED 10-2003 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1438250958/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 1/23/2018
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: STEVE HASH (CONTRACTOR)
Title: SEMIANNUAL GROUNDWATER MONITORING AND REMEDIATION STATUS REPORT, JUNE TO DECEMBER 2017 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6468319833/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 1/30/2012
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: SEMI-ANNUAL MONITORING REPORT, 2011-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6795394837/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 10/30/2009
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2009-Q3 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9376923918/T0607301869.PDF

Document Type: Site Documents **Document Date:** 4/15/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -1Q 2004 QUARTERLY GROUNDWATER MONITORING REPORT DATED 04-2004 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4316317558/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: REMEDIATION REPORT, 2008-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5190413534/T0607301869.PDF

Document Type: Site Documents **Document Date:** 5/26/2015
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: STEVE HASH (CONTRACTOR)
Title: CHULA VISTA H ST WELL INSTALLATION/60-DAY DRILLING GEO REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2660849034/T0607301869.PDF

Document Type: Site Documents **Document Date:** 1/16/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: EMAIL APPROVING RE-DRILLING OF AS-6R & AS-8R **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=6233563

Document Type: Site Documents **Document Date:** 8/6/2008
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: REPORT-8-6-08 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301869&enforcement_id=5985090

Document Type: Site Documents **Document Date:** 9/9/2004*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: PINNACLE EMS (CONTRACTOR)
Title: HISTORICAL -REQUEST TO CONDUCT NON-PURGE QUARTERLY GROUNDWATER SAMPLING DATED 09-2004 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4199587821/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 7/30/2012
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: SEMI-ANNUAL MONITORING REPORT, 2012-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8362182557/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 7/29/2011
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: SEMI-ANNUAL MONITORING REPORT, 2011-Q2 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3388996899/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 1/28/2011
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: SEMI-ANNUAL MONITORING REPORT, 2010-Q4 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7725266814/T0607301869.PDF

Document Type: Monitoring Reports **Document Date:** 6/28/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: STANTEC-BP (CONTRACTOR)
Title: GROUNDWATER MONITORING REPORT, 2006-Q1 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4405591666/T0607301869.PDF

Document Type: Site Documents **Document Date:** 6/7/2019
Type: WELL DESTRUCTION REPORT **Submitted:**
Submitted By: STEVE HASH (CONTRACTOR)
Title: PHASE I WELL ABANDONMENT REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4699251174/T0607301869.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	4 of 20	ESE	0.15 / 804.52	23.09 / 5	"H" STREET ARCO 720 H ST CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID: DEH2012-HUPFP-215933
Facility Name: "H" STREET ARCO
Facility City: CHULA VISTA
Facility ZipCode: 91910
Facility Latitude: 32.629624199319466
Facility Longitude: -117.09405065392853
Facility Address: 720 H ST
GIS Facility Name: "H" STREET ARCO
GIS Facility Address: 720 H ST, CHULA VISTA, CA 91910
Tank Owner Name:

GIS Record ID: DEH2012-HUPFP-215933
GIS Facility City: CHULA VISTA
GIS Facility ZipCode: 91910
GIS Fac Latitude: 32.6293162
GIS Fac Longitude: -117.0942588

Hazardous Materials Facility Data

CERS ID: 10358482
Facility ID No: 37-000-215933
EPA ID No: CAL000267011
Active Permit: true
Permit Status: Permit Renewed
Bus. Phone: 619-425-5356
Bus. Fax: 0
Last Updated: 03/18/2022 01:16:57 AM
New Georeferenced Column: (32.629624199319466, -117.09405065392853)
Mailing Address: 720 H ST, Chula Vista , CA 91910

Onsite H Waste Trtmt: false
Haz Mat on Site: true
Haz Waste Generator: true
Own/Oper Under: true
Own/Oper Above: false
Recycle: false
RCRA Large Qty Gen: false
HHW Collection: false

Hazardous Waste and Materials

ID: 206629
Child Record ID: DEH2019-HCHEM-0206840
CAS No: 86290-81-5
Last Updated: 06/01/2019 12:54:12 AM
Chemical Name: Gasoline
Common Name Inventory: Underground Tank 120106 T004

Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Pure
Trade Secret: false

ID: 206630
Child Record ID: DEH2019-HCHEM-0206841
CAS No: 86290-81-5
Last Updated: 06/01/2019 12:54:12 AM
Chemical Name: Gasoline
Common Name Inventory: Underground Tank 120106 T005

Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Pure
Trade Secret: false

ID: 465703
Child Record ID: DEH2022-HCHEM-0317765
CAS No: 74-98-6
Last Updated: 03/18/2022 01:16:57 AM
Chemical Name: Propane
Common Name Inventory: Liquefied Petroleum Gas (lpg)

Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Pure
Trade Secret: false

ID: 206633
Child Record ID: DEH2019-HWAST-0178636
CAS No:
Last Updated: 06/01/2019 12:54:13 AM
Chemical Name: Gasoline Contaminated Liquids
Common Name Inventory: Sump Water, Spill Bucket Water, SB989 Testing Water (HAZWASTE)

Permit Status: Permit Renewed
Active Permit: true
Haz Material Type:
Trade Secret: false

ID: 276870
Child Record ID: DEH2020-HCHEM-0243047
CAS No: 86290-81-5
Last Updated: 01/14/2021 01:57:48 AM
Chemical Name: Gasoline
Common Name Inventory: Underground Tank 120106 T004

Permit Status: Permit Renewed
Active Permit: true
Haz Material Type: Pure
Trade Secret: false

ID: 126416
Permit Status: Permit Renewed

Child Record ID: DEH2018-HCHEM-0165273 **Active Permit:** true
CAS No: 86290-81-5 **Haz Material Type:** Pure
Last Updated: 03/07/2018 12:34:44 AM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Underground Tank 120106 T005

ID: 276872 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HCHEM-0243049 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 01/14/2021 01:57:48 AM **Trade Secret:** false
Chemical Name: Propane
Common Name Inventory: Liquefied Petroleum Gas (lpg)

ID: 206632 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0178635 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 06/01/2019 12:54:13 AM **Trade Secret:** false
Chemical Name: Used Spill Kit and Used Fuel Filters
Common Name Inventory: Fuel Contaminated Waste Absorbent & Used Fuel Filters (HAZWASTE)

ID: 458005 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0280412 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/18/2021 12:50:12 AM **Trade Secret:** false
Chemical Name: Used Spill Kit and Used Fuel Filters
Common Name Inventory: Fuel Contaminated Waste Absorbent & Used Fuel Filters (HAZWASTE)

ID: 458006 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0280413 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/18/2021 12:50:12 AM **Trade Secret:** false
Chemical Name: Gasoline Contaminated Liquids
Common Name Inventory: Sump Water, Spill Bucket Water, SB989 Testing Water (HAZWASTE)

ID: 59590 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0131202 **Active Permit:** true
CAS No: 86290-81-5 **Haz Material Type:** Pure
Last Updated: 04/18/2017 12:22:08 PM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: UNDERGROUND TANK 120106 T005

ID: 276874 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0213962 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/14/2021 01:57:48 AM **Trade Secret:** false
Chemical Name: Gasoline Contaminated Liquids
Common Name Inventory: Sump Water, Spill Bucket Water, SB989 Testing Water (HAZWASTE)

ID: 126417 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0165274 **Active Permit:** true
CAS No: 86290-81-5 **Haz Material Type:** Pure
Last Updated: 03/07/2018 12:34:44 AM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Underground Tank 120106 T004

ID: 458004 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0312705 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 11/18/2021 12:50:10 AM **Trade Secret:** false
Chemical Name: Propane
Common Name Inventory: Liquefied Petroleum Gas (lpg)

ID: 465704 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0317766 **Active Permit:** true
CAS No: 124-38-9 **Haz Material Type:** Pure
Last Updated: 03/18/2022 01:16:57 AM **Trade Secret:** false
Chemical Name: Carbon Dioxide
Common Name Inventory: Carbon Dioxide

ID: 276873 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0213961 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 01/14/2021 01:57:48 AM **Trade Secret:** false
Chemical Name: Used Spill Kit and Used Fuel Filters
Common Name Inventory: Fuel Contaminated Waste Absorbent & Used Fuel Filters (HAZWASTE)

ID: 126419 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0140522 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/07/2018 12:34:45 AM **Trade Secret:** false
Chemical Name: Used Spill Kit and Used Fuel Filters
Common Name Inventory: Fuel Contaminated Waste Absorbent & Used Fuel Filters (HAZWASTE)

ID: 465702 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HCHEM-0317764 **Active Permit:** true
CAS No: 86290-81-5 **Haz Material Type:** Pure
Last Updated: 03/18/2022 01:16:57 AM **Trade Secret:** false
Chemical Name: Unleaded Gasoline
Common Name Inventory: Underground Storage Tanks-Gasoline

ID: 126418 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0140521 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/07/2018 12:34:45 AM **Trade Secret:** false
Chemical Name: Gasoline Contaminated Liquids
Common Name Inventory: Sump Water, Spill Bucket Water, SB989 Testing Water (HAZWASTE)

ID: 458003 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HCHEM-0312704 **Active Permit:** true
CAS No: 86290-81-5 **Haz Material Type:** Pure
Last Updated: 11/18/2021 12:50:10 AM **Trade Secret:** false
Chemical Name: Unleaded Gasoline
Common Name Inventory: Underground Storage Tanks-Gasoline

ID: 206631 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HCHEM-0206842 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 06/01/2019 12:54:12 AM **Trade Secret:** false
Chemical Name: Propane
Common Name Inventory: Liquefied Petroleum Gas (lpg)

ID: 161506 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HWAST-0152122 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 04/09/2018 12:54:49 PM **Trade Secret:** false
Chemical Name: Gasoline Contaminated Liquids
Common Name Inventory: Sump Water, Spill Bucket Water, SB989 Testing Water (HAZWASTE)

ID: 161504 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0177579 **Active Permit:** true
CAS No: 86290-81-5 **Haz Material Type:** Pure
Last Updated: 04/09/2018 12:54:49 PM **Trade Secret:** false
Chemical Name: Gasoline
Common Name Inventory: Underground Tank 120106 T005

ID: 465705 **Permit Status:** Permit Renewed
Child Record ID: DEH2022-HWAST-0284560 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 03/18/2022 01:16:57 AM **Trade Secret:** false
Chemical Name: Used Spill Kit and Used Fuel Filters
Common Name Inventory: Fuel Contaminated Waste Absorbent & Used Fuel Filters (HAZWASTE)

ID: 161503 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0177578 **Active Permit:** true
CAS No: 74-98-6 **Haz Material Type:** Pure
Last Updated: 04/09/2018 12:54:49 PM **Trade Secret:** false
Chemical Name: Propane
Common Name Inventory: Liquefied Petroleum Gas (lpg)

ID: 161505 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HCHEM-0177580 ***Active Permit:*** true
CAS No: 86290-81-5 ***Haz Material Type:*** Pure
Last Updated: 04/09/2018 12:54:49 PM ***Trade Secret:*** false
Chemical Name: Gasoline
Common Name Inventory: Underground Tank 120106 T004

ID: 161507 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0152123 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 04/09/2018 12:54:49 PM ***Trade Secret:*** false
Chemical Name: Used Spill Kit and Used Fuel Filters
Common Name Inventory: Fuel Contaminated Waste Absorbent & Used Fuel Filters (HAZWASTE)

ID: 276871 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0243048 ***Active Permit:*** true
CAS No: 86290-81-5 ***Haz Material Type:*** Pure
Last Updated: 01/14/2021 01:57:48 AM ***Trade Secret:*** false
Chemical Name: Gasoline
Common Name Inventory: Underground Tank 120106 T005

ID: 59591 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HCHEM-0131203 ***Active Permit:*** true
CAS No: 86290-81-5 ***Haz Material Type:*** Pure
Last Updated: 04/18/2017 12:22:08 PM ***Trade Secret:*** false
Chemical Name: Gasoline
Common Name Inventory: UNDERGROUND TANK 120106 T004

ID: 59592 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HWAST-0109646 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 04/18/2017 12:22:08 PM ***Trade Secret:*** false
Chemical Name: Gasoline Contaminated Liquids
Common Name Inventory: Sump Water, Spill Bucket Water, SB989 Testing Water (HAZWASTE)

ID: 465706 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2022-HWAST-0284561 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 03/18/2022 01:16:57 AM ***Trade Secret:*** false
Chemical Name: Gasoline Contaminated Liquids
Common Name Inventory: Sump Water, Spill Bucket Water, SB989 Testing Water (HAZWASTE)

ID: 59593 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2017-HWAST-0109647 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 04/18/2017 12:22:08 PM ***Trade Secret:*** false
Chemical Name: Used Spill Kit and Used Fuel Filters
Common Name Inventory: Fuel Contaminated Waste Absorbent & Used Fuel Filters (HAZWASTE)

Hazardous Materials Inspection Violations

Container Tank ID: ***Inspection No:*** 6849678
Facility ID No: 37-000-215933 ***Inspection Type:*** Routine
ID: 59176 ***Inspection Date:*** 01/12/2022 12:00:00 AM
UST ID: ***Compliance Date:*** 03/04/2022 12:00:00 AM
Permit Status: Permit Renewed ***Last Updated:*** 03/18/2022 01:16:57 AM
Active Permit: true ***NOV:*** false
Program Element: Hazardous Waste Generator
Violation Classification: Class II
Violation Code: 3040004 Failed to manage universal waste in a manner to prevent release(s) to the environment. 22 CCR 66273.33; 66273.33.5, 66273.33.6

Container Tank ID: ***Inspection No:*** 4963339
Facility ID No: 37-000-215933 ***Inspection Type:*** Routine
ID: 34071 ***Inspection Date:*** 01/02/2014 09:30:00 PM
UST ID: 91 ***Compliance Date:*** 01/02/2014 12:00:00 AM
Permit Status: Permit Renewed ***Last Updated:*** 03/18/2022 01:16:57 AM

Active Permit: true
NOV: false
Program Element: Underground Storage Tank
Violation Classification:
Violation Code: 2030016 Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected. 23 CCR 16 2631(g), 2632(c)(2)(A)&(B), 2633(c), 2636(f).

Container Tank ID:
Facility ID No: 37-000-215933
ID: 59175
UST ID:
Permit Status: Permit Renewed
Active Permit: true
Program Element: Hazardous Waste Generator
Violation Classification:
Violation Code: HMD0000 CERTIFIED APPLIANCE RECYCLER REQUIREMENTS
Inspection No: 6849678
Inspection Type: Routine
Inspection Date: 01/12/2022 12:00:00 AM
Compliance Date:
Last Updated: 03/18/2022 01:16:57 AM
NOV:

Container Tank ID:
Facility ID No: 37-000-215933
ID: 34073
UST ID: 24787
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification:
Violation Code: 2030036 (TCR 9b) Failure to comply with one or more of the following overfill prevention equipment requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 5. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. 6. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. 7. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. 8. Inspected within 30 days after a repair to the overfill prevention equipment. 9. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. 10. Inspected by a certified UST service technician. 11. Maintain records of overfill prevention equipment inspection for 36 months. 23 CCR 2635(c)(1), 2635(d), 2637.2(a-c), 2665, 2712(b)(1)(G)
Inspection No: 6056664
Inspection Type: Routine
Inspection Date: 01/16/2019 12:00:00 AM
Compliance Date: 01/30/2019 12:00:00 AM
Last Updated: 03/18/2022 01:16:57 AM
NOV: false

Container Tank ID:
Facility ID No: 37-000-215933
ID: 59174
UST ID:
Permit Status: Permit Renewed
Active Permit: true
Program Element: Hazardous Waste Generator
Violation Classification:
Violation Code: HMD0000 UNIVERSAL WASTE HANDLER REQUIREMENTS
Inspection No: 6849678
Inspection Type: Routine
Inspection Date: 01/12/2022 12:00:00 AM
Compliance Date:
Last Updated: 03/18/2022 01:16:57 AM
NOV:

Container Tank ID:
Facility ID No: 37-000-215933
ID: 59177
UST ID:
Permit Status: Permit Renewed
Active Permit: true
Program Element: Hazardous Materials Release Response Plans
Violation Classification:
Violation Code: HMD0000 HAZARDOUS MATERIALS REQUIREMENTS
Inspection No: 6849678
Inspection Type: Routine
Inspection Date: 01/12/2022 12:00:00 AM
Compliance Date:
Last Updated: 03/18/2022 01:16:57 AM
NOV:

Container Tank ID:
Facility ID No: 37-000-215933
ID: 34072
UST ID: 24788
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification: Class II
Inspection No: 5831646
Inspection Type: Routine
Inspection Date: 01/04/2018 05:14:22 AM
Compliance Date: 01/04/2018 12:00:00 AM
Last Updated: 03/18/2022 01:16:57 AM
NOV: false

Violation Code: 2060020 (RP) Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket, have a minimum capacity of 5 gallons, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion. 23 CCR 2635(b), 2665

Container Tank ID:
Facility ID No: 37-000-215933
ID: 59178
UST ID:
Permit Status: Permit Renewed
Active Permit: true
Inspection No: 6849678
Inspection Type: Routine
Inspection Date: 01/12/2022 12:00:00 AM
Compliance Date: 01/12/2022 12:00:00 AM
Last Updated: 03/18/2022 01:16:57 AM
NOV: false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Class II
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Container Tank ID:
Facility ID No: 37-000-215933
ID: 34074
UST ID:
Permit Status: Permit Renewed
Active Permit: true
Inspection No: 4452056
Inspection Type: Routine
Inspection Date: 01/03/2013 12:32:00 PM
Compliance Date: 07/01/2013 12:00:00 AM
Last Updated: 03/18/2022 01:16:57 AM
NOV:
Program Element: Hazardous Materials Release Response Plans
Violation Classification:
Violation Code: 1010005 25509(a)(7) Failure to complete and/or submit an annotated site map if required by CUPA; 19 CCR 4 2729.2(a)(3).

HMD Permits Map Data

GIS Facility ID: 37-000-215933
GIS CERS ID: 10358482
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility
Per Type:
Per Sub Type:
Per Cat:
Record Status: Permit Renewed
HW TIer: Not Applicable
LRG QTY MW Gener: No
EPA ID No: CAL000267011
RMP CAL ARP: Not Applicable
Tank Owner: 8
SIC Code: 5541
NAICS Code:
Disclose Qty Haz Mat: Y
Exp Date: 1/30/2021
Own/Operate USTs :
UST Facility: Motor Vehicle Fueling
Total No USTs: 2
No of Tanks:
Own Oper APS: N
Tot APSA Cap: 0
Capacity LR:
Haz Waste G: Y
Recycle100: N
Onsite Haz Waste Tre: N
RCRA LRG Qty: N
Haz Wst Coll Site: N
Accept Offs:
Universal Waste Han: N
Toxic Gas: No
Hazmat EHS: N
Hazmat Rad: No
Haz Waste Rad: N
Haz Waste EHS: N
Full Name: GS & SS Petroleum, Inc
Email Perm:
Phone Perm: 619-425-5356
Site Address: 720 H ST
Parcel No: 571-030-09-00
Status:
ER Contact: 619-808-7929
ER Con Work Ph: 619-425-5356
Census Tract: 126.00
Parcel Zip: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Basin No: 909.12
BOS Dist: 1
Tbpg Grid:
Insp Dist: HT204
Feature ID: 5710300900
X Coord: 6301727.884
Y Coord: 1809818.256
Kiva Per Typ: HK07 215933
Agency Name: COSD
Point X: 6301727.88400002
Point Y: 1809818.256
Lat GS84: 32.6293162
Lon GS84: -117.0942588
Loc Name:
Score:
Match Type:
Side:
X Map Coord: -117.09427064288616
Y Map Coord: 32.629346810680396
User Fld:
Addr Type:
ARC Address:
ARC City:
ARC Zipcode:
ARC State:
ARC APN:
Zip:
Farm Nursery:
Indian or Territory: N
County ID:
Bill Code 2: Not Applicable
Bill Code 3: Not Applicable
Univ Waste Gen Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Ali: Unified Program Facility Permit
Address: 720 H ST
Business Type: UST - Retail Site - No Repair Service
Bill Code: Not Applicable
ER Con Name: Aiden Anton
ER Con Title: Manager
Water Purv: CHULA VISTA
Fire Agency: CHULA VISTA
Geo SRC: Mapped to record APN/Parcel XY center
Match Addr:
Hirt Flag: No
Frhmbp Report Filename: HMBP215933.pdf
Frhmbp Sitemap Filename: MAP_215933.pdf

HMD Facility Data

ID: 5244
Record ID: DEH2012-HUPFP-215933
Facility ID No: 37-000-215933
Tank ID No: 24787
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: GS & SS PETROLEUM, INC
Facility Type Ust Facility: Motor Vehicle Fueling
Tank Capacity in Galons: 12000
Date Ust Permanently Closed:
Tank Status: Active
Tank Contents: Premium Unleaded
Tank Use: 1a
Type of Tank: Double Wall
Piping System Type: Pressure
Last Updated: 03/18/2022 01:16:57 AM

HMD Facility Data

ID: 5245
Record ID: DEH2012-HUPFP-215933
Facility ID No: 37-000-215933
Tank ID No: 24788
Permit Status: Permit Renewed
Active Permit: true
Tank Owner Name: GS & SS PETROLEUM, INC
Facility Type Ust Facility: Motor Vehicle Fueling
Tank Capacity in Galons: 20000
Date Ust Permanently Closed:
Tank Status: Active
Tank Contents: Regular Unleaded
Tank Use: 1a
Type of Tank: Double Wall
Piping System Type: Pressure
Last Updated: 03/18/2022 01:16:57 AM

32	5 of 20	ESE	0.15 / 804.52	23.09 / 5	ARCO FACILITY NO. 1914 720 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID: DEH2002-HUPFP-120106
Facility Name:
Facility City:
Facility ZipCode:
Facility Latitude:
Facility Longitude:
Facility Address:
GIS Facility Name: ARCO FACILITY NO. 1914
GIS Facility Address: 720 H ST, CHULA VISTA, CA 91910
Tank Owner Name:
GIS Record ID: DEH2002-HUPFP-120106
GIS Facility City: CHULA VISTA
GIS Facility ZipCode: 91910
GIS Fac Latitude: 32.6293162
GIS Fac Longitude: -117.0942588

HMD Permits Map Data

GIS Facility ID:
GIS CERS ID:
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility
Per Type:
Per Sub Type:
Per Cat:
Record Status: Completed
HW Tier:
Status:
ER Contact:
ER Con Work Ph:
Census Tract:
Parcel Zip:
Community:
Jurisdiction:
Basin No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LRG QTY MW Gener:		BOS Dist:	
EPA ID No:		Tbpg Grid:	
RMP CAL ARP:		Insp Dist:	
Tank Owner:		Feature ID:	5710300900
SIC Code:		X Coord:	6301727.884
NAICS Code:		Y Coord:	1809818.256
Disclose Qty Haz Mat:		Kiva Per Typ:	HK07 120106
Exp Date:		Agency Name:	COSD
Own/Operate USTs :		Point X:	6301727.88395
UST Facility:		Point Y:	1809818.256
Total No USTs:	2	Lat GS84:	32.6293162
No of Tanks:		Lon GS84:	-117.0942588
Own Oper APS:	N	Loc Name:	
Tot APSA Cap:	0	Score:	
Capacity LR:		Match Type:	
Haz Waste G:	Yes	Side:	
Recycle100:		X Map Coord:	-117.09427064288616
Onsite Haz Waste Tre:		Y Map Coord:	32.629346810680396
RCRA LRG Qty:		User Fld:	
Haz Wst Coll Site:		Addr Type:	
Accept Offs:		ARC Address:	
Universal Waste Han:		ARC City:	
Toxic Gas:		ARC Zipcode:	
Hazmat EHS:		ARC State:	
Hazmat Rad:		ARC APN:	
Haz Waste Rad:		Zip:	
Haz Waste EHS:		Farm Nursery:	
Full Name:		Indian or Territory:	
Email Perm:		County ID:	
Phone Perm:		Bill Code 2:	
Site Address:		Bill Code 3:	
Parcel No:	571-030-09-00	Univ Waste Gen Type:	
Record Ali:	Unified Program Facility Permit		
Address:	720 H ST		
Business Type:	UST - Retail Site - No Repair Service		
Bill Code:			
ER Con Name:			
ER Con Title:			
Water Purv:			
Fire Agency:			
Geo SRC:	Mapped to record APN/parcel center XY		
Match Addr:			
Hirt Flag:			
Frhmbp Report Filename:			
Frhmbp Sitemap Filename:			

32	6 of 20	ESE	0.15 / 804.52	23.09 / 5	RALPH E EMARINE DBA AM/PM MIN 720 H STREET INTERSTATE #5 CHULA VISTA CA 92010	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002f1c6.pdf

32	7 of 20	ESE	0.15 / 804.52	23.09 / 5	RALPH E EMARINE 720 H ST CHULA VISTA CA 92010	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002abc0.pdf

32	8 of 20	ESE	0.15 / 804.52	23.09 / 5	"H" STREET ARCO 720 H ST CHULA VISTA CA 91910	UST SANDIEGO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: 37-000-215933
Record ID: DEH2012-HUPFP-215933
CERS ID: 10358482
EPA ID No: CAL000267011
Permit Status: Permit Renewed
Active Permit: true
Haz. Mat. On-Site: true
Haz. Waste Gen: true
Onsite Haz Wt Trt: false
Mailing Address: 720 H ST, Chula Vista , CA 91910

RCRA Large Qty. Gen: false
HHW Collection: false
Recycle: false
Own or Operate UG: true
Own or Operate AG: false
Business Phone: 619-425-5356
Business Fax: 0
Last Updated: 2022 Jun 24 01:45:02 AM

Tank Information

Tank ID: 24788
Tank Status: Active
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed:
Type of Tank: Double Wall
Tank Owner Name: GS & SS PETROLEUM, INC

Tank Capacity in Gal: 20000
Tank Contents: Regular Unleaded
Tank Use: 1a
Piping Sys Type: Pressure
Fac Type (UST Fac): Motor Vehicle Fueling
Last Updated: 2022 Jun 24 01:45:05 AM

Tank ID: 24787
Tank Status: Active
Permit Status: Permit Renewed
Active Permit: true
Dt UST Perm Closed:
Type of Tank: Double Wall
Tank Owner Name: GS & SS PETROLEUM, INC

Tank Capacity in Gal: 12000
Tank Contents: Premium Unleaded
Tank Use: 1a
Piping Sys Type: Pressure
Fac Type (UST Fac): Motor Vehicle Fueling
Last Updated: 2022 Jun 24 01:45:05 AM

32	9 of 20	ESE	0.15 / 804.52	23.09 / 5	ARCO AM/PM MINI MARKET #1914 720 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T0607301869
Record ID: DEH1995-LSAM-H20106-001
Record Status: Completed
Opened Date: 7/25/1995
Case Type: LOP - Local Oversight Program
Historical Name: ARCO 1914
Lead Agency: RWQCB
Lead Agency Date: 7/1/2018
Funding: S - LOP State Fund
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CLOSED OR TRANSFERRED LOP CASES

Parcel No: 571-030-09-00
Census Tract: 126.00
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6293162
Longitude GS 84: -117.0942588
X Map Coord: 6301727.884
Y Map Coord: 1809818.256

32	10 of 20	ESE	0.15 / 804.52	23.09 / 5	H STREET ARCO 720 H ST CHULA VISTA CA 91910	DELISTED TNK

Delisted Storage Tanks

Facility ID: 37-000-215933
Latitude: 32.62931
Longitude: -117.09426
Permitting Agency: San Diego County Department of Environmental Health

County: San Diego
Original Source: UST
Record Date: 27-DEC-2017

32	11 of 20	ESE	0.15 / 804.52	23.09 / 5	ARCO AM PM MINI MARKET #1914 720H ST CHULA VISTA CA 91910	EMISSIONS

2004 Criteria Data

Facility ID:	3794	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	3.01
CO:	37	***ROGT:***	3.01
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2004 Toxic Data

Facility ID:	3794	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2005 Criteria Data

Facility ID:	3794	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	3.01
CO:	37	***ROGT:***	3.01
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2005 Toxic Data

Facility ID:	3794	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2007 Criteria Data

Facility ID:	3794	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	3.01
CO:	37	***ROGT:***	3.01
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2007 Toxic Data

Facility ID:	3794	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD

CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CHAPIS:
CERR Code:

2008 Criteria Data

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 3.01
ROGT: 3.01
COT:
NOXT:
SOXT:
PMT:
PM10T:

2008 Toxic Data

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2009 Criteria Data

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 3.01
ROGT: 3.01
COT:
NOXT:
SOXT:
PMT:
PM10T:

2009 Toxic Data

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2010 Toxic Data

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2011 Criteria Data

Facility ID:	3794	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	3.01
CO:	37	***ROGT:***	3.01
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2011 Toxic Data

Facility ID:	3794	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	3794	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	3.01
CO:	37	***ROGT:***	3.01
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2012 Toxic Data

Facility ID:	3794	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	3794	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	3.01
CO:	37	***ROGT:***	3.01
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2013 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	3794	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	3.01
CO:	37	**ROGT:**	3.01
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2014 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	3794	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	3.01
CO:	37	**ROGT:**	3.01
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2015 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	3794	**CERR CODE:**	
Facility SIC Code:	5541	**TOGT:**	3.01
CO:	37	**ROGT:**	3.01
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	

COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2016 Toxic Data

Facility ID:	3794	**TS:**	
Facility SIC Code:	5541	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	SD	**AH Index:**	
CO:	37	**Air Basin:**	SD
DISN:	SAN DIEGO COUNTY APCD	**District:**	SD
CHAPIS:			

2017 Criteria Data

Facility ID:	3794	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	3.01
CO:	37	**ROGT:**	3.01
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2017 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	3794	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	3.01
CO:	37	**ROGT:**	3.01
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2018 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
Facility ID:	3794	**ROGT:**	3.01
District:	SD	**COT:**	
Facility SIC Code:	5541	**NOXT:**	
CO ID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD		
PM10T:			
TOGT:	3.01		
PMT:			

2019 Toxic Data

CO:	37	**DISN:**	SAN DIEGO COUNTY APCD
Air Basin:	SD	**CHAPIS:**	
Faccility ID:	3794	**CERR Code:**	
District:	SD	**TS:**	
Facility SIC Code:	5541	**Health Risk Asmt:**	
COID:	SD		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

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2006 Criteria Data

Facility ID:	3794	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	3.01
CO:	37	**ROGT:**	3.01
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2006 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

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1999 Criteria Data

Facility ID:	3794	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	3.5
CO:	37	**ROGT:**	3.5
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	

DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

1999 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	3794	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.4153836
CO:	37	**ROGT:**	2.4153836
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2000 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	3794	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.42
CO:	37	**ROGT:**	2.42
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2001 Toxic Data

Facility ID:	3794	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 2.4153836
ROGT: 2.4153836
COT:
NOXT:
SOXT:
PMT:
PM10T:

2002 Toxic Data

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2003 Criteria Data

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 2.4153836
ROGT: 2.4153836
COT:
NOXT:
SOXT:
PMT:
PM10T:

2003 Toxic Data

Facility ID: 3794
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

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Site ID: 61
Longitude: -117.094261
Latitude: 32.629314

Regulated Programs

EI ID: 10358482
EI Description: Underground Storage Tank

EI ID: 10358482
EI Description: Hazardous Waste Generator

EI ID: 10358482
EI Description: Chemical Storage Facilities

Violations

Violation Date: 01/12/2022 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 01/12/2022. Inspection Sequence ID:6849678

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 01/02/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)
Violation Notes:

Returned to compliance on 01/02/2014.

Violation Description:

Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.

Violations

Violation Date: 01/16/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Returned to compliance on 01/30/2019. Inspection Sequence ID:6056664;Tank ID:24787,24788;Violation Description:(TCR 9b) Failure to comply with one or more of the following overfill prevention equipment requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 5. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 01/12/2022 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** San Diego County Department of Env Health
Citation: 22 CCR 23 66273.33.6 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.33.6
Violation Notes:

Returned to compliance on 03/04/2022. Inspection Sequence ID:6849678

Violation Description:

Failure of the universal waste handler of PV modules, electronic devices, CRTs, and CRT glass to prevent the release of the universal waste to the environment under reasonable conditions by the following methods:
1) Immediately clean spills and leaks of universal wastes; and
2) Place all universal waste spills and leaks in containers that are structurally sound and compatible with the universal waste.

Violations

Violation Date: 01/04/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Notes:

Returned to compliance on 01/04/2018.

Violation Description:

Failure to comply with one or more of the following:

Failure to install or maintain a liquid-tight spill bucket.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container.

Be resistant to galvanic corrosion.

Evaluations

Eval Date: 01/16/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6056664; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/16/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6056664; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/04/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:5831646; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/12/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6849678; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/16/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5195416; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/02/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:4963339; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/16/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5195416; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/04/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:5831646; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/12/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6849678; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/13/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6579591; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/15/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6388983; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/13/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6579591; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/05/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5563725; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/13/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6579591; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/05/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5563725; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/11/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5200129; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/12/2022
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6849678; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/16/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6056664; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/04/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:5831646; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/16/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP

Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5195416; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/05/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5563725; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/02/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:4963339; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title:
Address: PO Box 129261
City: San Diego
State: CA
Country:
Zip Code: 92112-9261
Phone: (858) 505-6880

Affil Type Desc: UST Tank Owner
Entity Name: GS & SS PETROLEUM, INC
Entity Title:
Address: 720 H ST
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 425-5356

Affil Type Desc: Operator
Entity Name: GS & SS PETROLEUM, INC
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (619) 425-5356

Affil Type Desc: Identification Signer
Entity Name: SAM SALEM
Entity Title: PRESIDENT
Address:
City:
State:

Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: GS & SS Petroleum, Inc
Entity Title:
Address: 720 H St
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 425-5356

Affil Type Desc: UST Property Owner Name
Entity Name: GS & SS Petroleum, Inc.
Entity Title:
Address: 720 H St.
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 425-5336

Affil Type Desc: UST Tank Operator
Entity Name: GS & SS Petroleum, Inc.
Entity Title:
Address: 720 H St.
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 425-5336

Affil Type Desc: Environmental Contact
Entity Name: GS & SS Petroleum Inc.
Entity Title:
Address: 720 H ST
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910
Phone:

Affil Type Desc: Legal Owner
Entity Name: GS & SS PETROLEUM, INC
Entity Title:
Address: 720 H St
City: Chula Vista
State: CA
Country: United States
Zip Code: 91910
Phone: (619) 425-5356

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 720 H ST
City: Chula Vista
State: CA
Country:
Zip Code: 91910
Phone:

Affil Type Desc: Parent Corporation
Entity Name: "H" STREET ARCO
Entity Title:
Address:
City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State:
Country:
Zip Code:
Phone:

Affil Type Desc: UST Permit Applicant
Entity Name: Rebecca Watkins
Entity Title: CERSAdminister
Address:
City:
State:
Country:
Zip Code:
Phone: (619) 302-6779

Coordinates

Env Int Type Code: HWG
Program ID: 10358482
Latitude: 32.629310
Longitude: -117.094260
Coord Name:
Ref Point Type Desc: Center of a facility or station.

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720 H ST
CHULA VISTA CA | **HIST TANK**

Owner Name: ARCO PETROLEUM PRODUCTS CO.
Owner Street: 515 SOUTH FLOWER STREET
Owner City: LOS ANGELES
Owner State: CA
Owner Zip: 90071
No of Containers: 3
County: SAN DIEGO
Facility State: CA
Facility Zip: 92010

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32 | **16 of 20** | **ESE** | **0.15 / 804.52** | **23.09 / 5** | **RALPH E. EMARINE DBA AM/PM MIN**
720 "H" STREET
CHULA VISTA CA | **HIST TANK**

Owner Name: RALPH E. EMARINE
Owner Street: 720 H STREET
Owner City: CHULA VISTA
Owner State: CA
Owner Zip: 92010
No of Containers: 3
County: SAN DIEGO
Facility State: CA
Facility Zip: 92010

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720 H ST
CHULA VISTA CA 91910 | **UST**

Facility ID: 37-000-215933
CERS ID: 10358482
County: San Diego
Latitude: 32.62931
Longitude: -117.09426
Permitting Agency: San Diego County Department of Environmental Health
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST: 2
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: 24787
Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Premium Unleaded
Tank Cp Impr Curr: No
Tank Cp Shutoff: Yes
Tank Installatn Dt: 1/1/2001 12:00:00 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Status:	Confirmed/Updated Information	**Tank No of Compart:**	1
Tank Type:	Double Wall	**Tank Pc Constructn:**	Fiberglass
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No

Tank Operator Name:	GS & SS Petroleum, Inc.
Tank Operator Mail Address:	720 H St.
Tank Operator Mail City:	Chula Vista
Tank Operator Mail State:	CA
Tank Operator Mail Zip:	91910
Tank Owner Name:	GS & SS PETROLEUM, INC
Tank Owner Mailing Address:	720 H ST
Tank Owner Mailing City:	Chula Vista
Tank Owner Mailing State:	CA
Tank Owner Mailing Zip:	91910
Tank Capacity Gallons:	12000
Tank Piping Construction:	Double Walled
Tank Piping Type:	Pressure
Tank Pw Piping Construction:	Fiberglass
Tank Sacrificial Anode:	No

Tank Details

Epa Region:	9	**Tank Closure Date:**	
No. of Closed UST:	0	**Tank Configuration:**	Stand Alone Tank
No. of Inuse UST:	2	**Tank Contents:**	Regular Unleaded
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	24788	**Tank Installatn Dt:**	1/1/2001 12:00:00 AM
Tank Status:	Confirmed/Updated Information	**Tank No of Compart:**	1
Tank Type:	Double Wall	**Tank Pc Constructn:**	Fiberglass
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No

Tank Operator Name:	GS & SS Petroleum, Inc.
Tank Operator Mail Address:	720 H St.
Tank Operator Mail City:	Chula Vista
Tank Operator Mail State:	CA
Tank Operator Mail Zip:	91910
Tank Owner Name:	GS & SS PETROLEUM, INC
Tank Owner Mailing Address:	720 H ST
Tank Owner Mailing City:	Chula Vista
Tank Owner Mailing State:	CA
Tank Owner Mailing Zip:	91910
Tank Capacity Gallons:	20000
Tank Piping Construction:	Double Walled
Tank Piping Type:	Pressure
Tank Pw Piping Construction:	Fiberglass
Tank Sacrificial Anode:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	18 of 20	ESE	0.15 / 804.52	23.09 / 5	TESORO 97610-1914 720 H ST CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAL000410683
Gen Status Universe:	No Report
Contact Name:	JO-ANNE ALVAREZ
Contact Address:	400 OCEANGATE BLVD, SUITE 600, LONG BEACH, CA, 90802,
Contact Phone No and Ext:	562-495-6837
Contact Email:	JO-ANNE.J.ALVAREZ@ANDEAVOR.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20150925
Location Latitude:	32.629577
Location Longitude:	-117.094309

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150925
Handler Name:	TESORO 97610-1914
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	400 OCEANGATE BLVD, SUITE 600
Name:	JO-ANNE ALVAREZ	***Street 2:***	
Date Became Current:		***City:***	LONG BEACH
Date Ended Current:		***State:***	CA
Phone:	562-495-6837	***Country:***	
Source Type:	Implementer	***Zip Code:***	90802
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	400 OCEANGATE BLVD, SUITE 600
Name:	TESORO ENVIRONMENTAL RESOURCES CO	***Street 2:***	
Date Became Current:		***City:***	LONG BEACH
Date Ended Current:		***State:***	CA
Phone:	562-495-6837	***Country:***	
Source Type:	Implementer	***Zip Code:***	90802-0000

32	***19 of 20***	***ESE***	***0.15 / 804.52***	***23.09 / 5***	***GS & SS PETROLIUM INC 720 H ST CHULA VISTA CA 91910***	***RCRA NON GEN***

EPA Handler ID:	CAL000267011
Gen Status Universe:	No Report
Contact Name:	SAM SALEM
Contact Address:	720 H ST, CHULA VISTA, CA, 91910,
Contact Phone No and Ext:	619-454-4488
Contact Email:	INFO@RELYENVIRONMENTAL.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09

Land Type:
Receive Date: 20030227
Location Latitude: 32.629577
Location Longitude: -117.094309

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20030227
Handler Name: GS & SS PETROLIUM INC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: SAM SALEM
Date Became Current:
Date Ended Current:
Phone: 619-454-4488
Source Type: Implementer
Street No:
Street 1: 720 H ST
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910

Owner/Operator Ind: Current Owner
Type: Other
Name: GS & SS PETROLIUM INC
Date Became Current:
Date Ended Current:
Phone: 691-425-5356
Source Type: Implementer
Street No:
Street 1: 720 H ST
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910-0000

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32 | ***20 of 20*** | ***ESE*** | ***0.15 / 804.52*** | ***23.09 / 5*** | ***DONN SWARTZ 720 H ST 1914 CHULA VISTA CA*** | ***UST SWEEPS***

C C: A37-000-20106
BOE: 44-000506
Comp: 20106
Status: ACTIVE
D Filename: SITE02A
Page No: 55
County: SAN DIEGO
State : CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

No of Tanks:	3	**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	32.629692
Agency:	SAN DIEGO COUNTY - U.S.T.	**Longitude:**	-117.093539
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-020106-000001	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-020106-000002	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000003	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-020106-000003	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	LEADED
Capac:	12000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

33	*1 of 1*	*ENE*	*0.15 / 815.88*	*29.44 / 11*	***WILLIAM KEMERY*** ***415 WOODLAWN AVE UNIT D*** ***CHULA VISTA CA 91910***	***RCRA NON GEN***

EPA Handler ID:	CAC003049111
Gen Status Universe:	No Report
Contact Name:	WILLIAM KEMERY
Contact Address:	9503 AMSTER DR, SANTEE, CA, 92071-2765,
Contact Phone No and Ext:	619-258-2556
Contact Email:	DANIELLEECKES@ALLIANCE-ENVIRO.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20200102
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200102
Handler Name:	WILLIAM KEMERY
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	9503 AMSTER DR
Name:	WILLIAM KEMERY	***Street 2:***	
Date Became Current:		***City:***	SANTEE
Date Ended Current:		***State:***	CA
Phone:	619-258-2556	***Country:***	
Source Type:	Implementer	***Zip Code:***	92071-2765
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	9503 AMSTER DR
Name:	WILLIAM KEMERY	***Street 2:***	
Date Became Current:		***City:***	SANTEE
Date Ended Current:		***State:***	CA
Phone:	619-258-2556	***Country:***	
Source Type:	Implementer	***Zip Code:***	92071-2765

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	1 of 1	E	0.16 / 835.63	26.92 / 8	MARGARET & JOE LAMADRID 435 WOODLAWN AVE UNIT D CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAC003131296
Gen Status Universe:	No Report
Contact Name:	MARGARET & JOE LAMADRID
Contact Address:	44056 TERRAZA CT., TEMECULA, CA, 92592,
Contact Phone No and Ext:	619-316-6750
Contact Email:	MARGARETLAMADRID@YAHOO.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20210727
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records

associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210727
Handler Name:	MARGARET & JOE LAMADRID
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	44056 TERRAZA CT.
Name:	MARGARET & JOE LAMADRID	***Street 2:***	
Date Became Current:		***City:***	TEMECULA
Date Ended Current:		***State:***	CA
Phone:	619-316-6750	***Country:***	
Source Type:	Implementer	***Zip Code:***	92592

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	44056 TERRAZA CT.
Name:	MARGARET & JOE LAMADRID	***Street 2:***	
Date Became Current:		***City:***	TEMECULA
Date Ended Current:		***State:***	CA
Phone:	619-316-6750	***Country:***	
Source Type:	Implementer	***Zip Code:***	92592

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35 | ***1 of 1*** | ***SSW*** | ***0.17 / 875.90*** | ***10.36 / -8*** | ***CA*** | ***PFAS GW***

Well ID:	SL209294204-SCW-02(A)	***SRS Latitude:***	32.626937099999999
Gm Dataset Name:	WB_CLEANUP	***SRS Longitude:***	-117.0993501
Gm Data Source:	GeoTracker	***Latitude:***	32.626937099999999
Gm Well Category:	MONITORING	***Longitude:***	-117.0993501
SRS Datum:	NAD83		
Gm Altwell Id1:	SCW-02(A)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS

Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/13/2022		

Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: PFTEDA
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI
SRC Chemical: 11ClPF3OUDS
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 3.1
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: MEFOSE
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.62	***SRC Result:***	.62
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	5.5	**SRC Result:**	5.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		

SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 3.1
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: 8:2FTS
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: PFUNDCA
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.5
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: J,DX
SRC Chemical: PFNA
SRC Result: 1.5
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.5
SRC Chemical: PFNA
SRC Result: 1.5

Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	5.9	**SRC Result:**	5.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		

Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .91
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: J,DX
SRC Chemical: PFBSA
SRC Result: .91
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: PFTRIDA
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI
SRC Chemical: MEFOSE
SRC Result: .92
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	11	***SRC Result:***	11
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	3.3	***SRC Result:***	3.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		

SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: 9ClPF3ONS
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI
SRC Chemical: PFTEDA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 5.2
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: 6:2FTS
SRC Result: 2.1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 5.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
SRC Chemical: 10:2FTS
SRC Result: .92

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	6.9	**SRC Result:**	6.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		

Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: LR

Well Details

Gm Cas No:
Gm Result: 4.7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: PFPA
SRC Result: 4.7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .84
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: J,DX,CI
SRC Chemical: PFBSA
SRC Result: .84
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 7.5
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 5.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: PFBTA
SRC Result: 7.5
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 5.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.92	***SRC Result:***	.92
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	LR,RB,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.8	***SRC Result:***	1.8
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.6
Gm Reporting Limit:	4.6	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	3.4	***SRC Result:***	3.4
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	5.2
Gm Reporting Limit:	5.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		

SRC Screen Bottom Depth Ft: 24
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 4.9
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI
SRC Chemical: PFPA
SRC Result: 4.9
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: PFNS
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .61
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: J,DX,CI
SRC Chemical: PFNDCA
SRC Result: .61
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 8.3
SRC Chemical: PFOS
SRC Result: 8.3

Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	MB		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	4.5	**SRC Result:**	4.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	10	**SRC Result:**	10
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	5.2
Gm Reporting Limit:	5.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		

Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

SRC Chemical: PFHPSA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 4.3
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

SRC Chemical: PFHXSA
SRC Result: 4.3
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

SRC Chemical: PFDSA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	3.1
Gm Reporting Limit:	3.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	1	***SRC Result:***	1
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	3.1
Gm Reporting Limit:	3.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.92	***SRC Result:***	.92
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOS
Gm Result:	8.1	***SRC Result:***	8.1
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOS	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: MB,CI

Well Details

Gm Cas No: ***SRC Chemical:*** MEFOSA
Gm Result: .92 ***SRC Result:*** .92
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: MEFOSA ***SRC Report Limit:*** 2.8
Gm Reporting Limit: 2.8 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** 9ClPF3ONS
Gm Result: .46 ***SRC Result:*** .46
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: 9ClPF3ONS ***SRC Report Limit:*** 1.8
Gm Reporting Limit: 1.8 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** NMEFOSAA
Gm Result: .55 ***SRC Result:*** .55
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: NMEFOSAA ***SRC Report Limit:*** 1.8
Gm Reporting Limit: 1.8 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14

SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note:
SRC Chemical: 4:2FTS
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: CI
SRC Chemical: ADONA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .62
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14
Gm Screen Bottom Depth Ft: 24
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1000
SRC Screen Top Depth Ft: 14
SRC Screen Bottom Depth Ft: 24
SRC Lab Note: J,DX
SRC Chemical: PFOSA
SRC Result: .62
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
SRC Chemical: ETFOSA
SRC Result: .92

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14		
Gm Screen Bottom Depth Ft:	24		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1000		
SRC Screen Top Depth Ft:	14		
SRC Screen Bottom Depth Ft:	24		
SRC Lab Note:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	1 of 3	NNE	0.17 / 902.56	38.53 / 20	BECKS ALIGNMENT 736 F ST CHULA VISTA CA 91910	RCRA SQG

EPA Handler ID:	CAD981988470
Gen Status Universe:	Small Quantity Generator
Contact Name:	ROBERT NIETO
Contact Address:	736 F ST, CHULA VISTA, CA, 91910, US
Contact Phone No and Ext:	619-585-8606
Contact Email:	
Contact Country:	US
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	Private
Receive Date:	19911122
Location Latitude:	32.63652
Location Longitude:	-117.096834

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No

Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19911122
Handler Name: BECKS ALIGNMENT
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: ROBERT NIETO
Date Became Current:
Date Ended Current:
Phone: 619-585-8606
Source Type: Notification
Street No:
Street 1: 736 F ST
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

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36 | ***2 of 3*** | ***NNE*** | ***0.17 / 902.56*** | ***38.53 / 20*** | ***BECKA AUTOMOTIVE INC.***
736 F ST
CHULA VISTA CA 91910 | ***HAZ SANDIEGO***

Record ID: DEH2002-HUPFP-113333
Facility Name: BECKA AUTOMOTIVE INC.
Facility City: CHULA VISTA
Facility ZipCode: 91910
Facility Latitude: 32.71369377710541
Facility Longitude: -117.15799919759442
Facility Address: 736 F ST
GIS Facility Name: BECKA AUTOMOTIVE INC.
GIS Facility Address: 736 F ST, CHULA VISTA, CA 91910
Tank Owner Name:
GIS Record ID: DEH2002-HUPFP-113333
GIS Facility City: CHULA VISTA
GIS Facility ZipCode: 91910
GIS Fac Latitude: 32.6362404
GIS Fac Longitude: -117.0967407

Hazardous Materials Facility Data

CERS ID: 10357819
Facility ID No: 37-000-113333
EPA ID No: CAL000306106
Active Permit: true
Permit Status: Permit Renewed
Bus. Phone: 619-585-8606
Bus. Fax: 0
Last Updated: 11/23/2021 02:35:44 AM
New Georeferenced Column: (32.71369377710541, -117.15799919759442)
Mailing Address: 736 F ST, CHULA VISTA, CA 91910
Onsite H Waste Trtmt: false
Haz Mat on Site: true
Haz Waste Generator: true
Own/Oper Under: false
Own/Oper Above: false
Recycle: false
RCRA Large Qty Gen: false
HHW Collection: false

Hazardous Waste and Materials

ID: 9908 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HWAST-0094426 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 12/01/2017 02:31:41 AM ***Trade Secret:*** false
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name Inventory: USED OIL

ID: 173410 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0164631 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 11/22/2019 02:35:39 AM ***Trade Secret:*** false
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name Inventory: WASTE ANTIFREEZE

ID: 173412 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0164633 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 11/22/2019 02:35:39 AM ***Trade Secret:*** false
Chemical Name: Waste 352. Other organic solids
Common Name Inventory: Paper Filters/Absorbent

ID: 365050 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HWAST-0248405 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 11/23/2021 02:35:44 AM ***Trade Secret:*** false
Chemical Name: Waste 352. Other organic solids
Common Name Inventory: Paper Filters/Absorbent

ID: 9905 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2016-HCHEM-0112923 ***Active Permit:*** true
CAS No: 107-21-1 ***Haz Material Type:*** Pure
Last Updated: 12/01/2017 02:31:41 AM ***Trade Secret:*** false
Chemical Name: Ethylene Glycol
Common Name Inventory: Ethylene Glycol

ID: 173411 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0164632 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 11/22/2019 02:35:39 AM ***Trade Secret:*** false
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name Inventory: WASTE OIL & MIXED OIL

ID: 266549 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2019-HCHEM-0239951 ***Active Permit:*** true
CAS No: 107-21-1 ***Haz Material Type:*** Pure
Last Updated: 11/10/2020 02:34:39 AM ***Trade Secret:*** false
Chemical Name: Ethylene Glycol
Common Name Inventory: Ethylene Glycol

ID: 365046 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HCHEM-0280756 ***Active Permit:*** true
CAS No: 107-21-1 ***Haz Material Type:*** Pure
Last Updated: 11/23/2021 02:35:44 AM ***Trade Secret:*** false
Chemical Name: Ethylene Glycol
Common Name Inventory: Ethylene Glycol

ID: 365047 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2020-HWAST-0248402 ***Active Permit:*** true
CAS No: ***Haz Material Type:***
Last Updated: 11/23/2021 02:35:44 AM ***Trade Secret:*** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: PARTS WASHER

ID: 173409 ***Permit Status:*** Permit Renewed
Child Record ID: DEH2018-HWAST-0164630 ***Active Permit:*** true
CAS No: ***Haz Material Type:***

Last Updated: 11/22/2019 02:35:39 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: PARTS WASHER

ID: 9906 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HWAST-0094424 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/01/2017 02:31:41 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: PARTS WASHER

ID: 173408 **Permit Status:** Permit Renewed
Child Record ID: DEH2018-HCHEM-0190153 **Active Permit:** true
CAS No: 107-21-1 **Haz Material Type:** Pure
Last Updated: 11/22/2019 02:35:39 AM **Trade Secret:** false
Chemical Name: Ethylene Glycol
Common Name Inventory: Ethylene Glycol

ID: 266550 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0210974 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/10/2020 02:34:39 AM **Trade Secret:** false
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name Inventory: PARTS WASHER

ID: 266553 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0210977 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/10/2020 02:34:39 AM **Trade Secret:** false
Chemical Name: Waste 352. Other organic solids
Common Name Inventory: Paper Filters/Absorbent

ID: 365048 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0248403 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/23/2021 02:35:44 AM **Trade Secret:** false
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name Inventory: WASTE ANTIFREEZE

ID: 365049 **Permit Status:** Permit Renewed
Child Record ID: DEH2020-HWAST-0248404 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/23/2021 02:35:44 AM **Trade Secret:** false
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name Inventory: WASTE OIL & MIXED OIL

ID: 266551 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0210975 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/10/2020 02:34:39 AM **Trade Secret:** false
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name Inventory: WASTE ANTIFREEZE

ID: 9907 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HWAST-0094425 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 12/01/2017 02:31:41 AM **Trade Secret:** false
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name Inventory: WASTE ANTIFREEZE

ID: 266552 **Permit Status:** Permit Renewed
Child Record ID: DEH2019-HWAST-0210976 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 11/10/2020 02:34:39 AM **Trade Secret:** false
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name Inventory: WASTE OIL & MIXED OIL

ID: 9904 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0112922 **Active Permit:** true

CAS No: ***Haz Material Type:*** Mixture
Last Updated: 12/01/2017 02:31:41 AM ***Trade Secret:*** false
Chemical Name: LUBRICATING OILS
Common Name Inventory: Lubricating Oils

Hazardous Materials Inspection Violations

Container Tank ID: ***Inspection No:*** 5996842
Facility ID No: 37-000-113333 ***Inspection Type:*** Routine
ID: 5046 ***Inspection Date:*** 08/02/2018 12:00:00 AM
UST ID: ***Compliance Date:*** 08/06/2018 12:00:00 AM
Permit Status: Permit Renewed ***Last Updated:*** 11/23/2021 12:00:00 AM
Active Permit: true ***NOV:*** false
Program Element: Hazardous Waste Generator
Violation Classification: Class II
Violation Code: 3030004 Failed to properly manage, store, label &/or recycle used oil filters &/or used fuel filters. HSC 25250.22; 22 CCR 66266.130

Container Tank ID: ***Inspection No:*** 4088005
Facility ID No: 37-000-113333 ***Inspection Type:*** Routine
ID: 5047 ***Inspection Date:*** 09/05/2014 10:25:00 AM
UST ID: ***Compliance Date:*** 09/29/2014 12:00:00 AM
Permit Status: Permit Renewed ***Last Updated:*** 11/23/2021 12:00:00 AM
Active Permit: true ***NOV:*** false
Program Element: Hazardous Materials Release Response Plans
Violation Classification: Class II
Violation Code: 1010007 Failure to submit a revised business plan upon a substantial change in the handler's operations; HSC 6.95 25505(b).

Container Tank ID: ***Inspection No:*** 4088005
Facility ID No: 37-000-113333 ***Inspection Type:*** Routine
ID: 5045 ***Inspection Date:*** 09/05/2014 10:25:00 AM
UST ID: ***Compliance Date:*** 09/05/2014 12:00:00 AM
Permit Status: Permit Renewed ***Last Updated:*** 11/23/2021 12:00:00 AM
Active Permit: true ***NOV:*** false
Program Element: Hazardous Waste Generator
Violation Classification: Class II
Violation Code: 3130001 RCRA: Failure to determine if the waste generated is a hazardous waste. 22 CCR 12 66262.11.

Container Tank ID: ***Inspection No:*** 4088005
Facility ID No: 37-000-113333 ***Inspection Type:*** Routine
ID: 5044 ***Inspection Date:*** 09/05/2014 10:25:00 AM
UST ID: ***Compliance Date:*** 09/05/2014 12:00:00 AM
Permit Status: Permit Renewed ***Last Updated:*** 11/23/2021 12:00:00 AM
Active Permit: true ***NOV:*** false
Program Element: Hazardous Waste Generator
Violation Classification: Minor
Violation Code: HMD0226 Did not accumulate waste in container or tank. 66262.34(d)(2).

HMD Permits Map Data

GIS Facility ID: 37-000-113333 ***Status:***
GIS CERS ID: 10357819 ***ER Contact:*** 619-884-3674
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility ***ER Con Work Ph:*** 619-585-8606
Per Type: ***Census Tract:*** 125.01
Per Sub Type: ***Parcel Zip:*** 91910
Per Cat: ***Community:*** Chula Vista
Record Status: Permit Renewed ***Jurisdiction:*** CHULA VISTA
HW TIer: Not Applicable ***Basin No:*** 909.12
LRG QTY MW Gener: No ***BOS Dist:*** 1
EPA ID No: CAL000306106 ***Tbpg Grid:***
RMP CAL ARP: Not Applicable ***Insp Dist:*** HS014
Tank Owner: ***Feature ID:*** 5670900400
SIC Code: 7538 ***X Coord:*** 6300984.085
NAICS Code: ***Y Coord:*** 1812343
Disclose Qty Haz Mat: Y ***Kiva Per Typ:*** HK07 113333
Exp Date: 11/29/2020 ***Agency Name:*** COSD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Own/Operate USTs :		**Point X:**	6300984.08499999
UST Facility:		**Point Y:**	1812343
Total No USTs:		**Lat GS84:**	32.6362404
No of Tanks:		**Lon GS84:**	-117.0967407
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	Y	**Side:**	
Recycle100:	N	**X Map Coord:**	-117.09675295983232
Onsite Haz Waste Tre:	N	**Y Map Coord:**	32.63626901235004
RCRA LRG Qty:	N	**User Fld:**	
Haz Wst Coll Site:	N	**Addr Type:**	
Accept Offs:	N	**ARC Address:**	
Universal Waste Han:	N	**ARC City:**	
Toxic Gas:	No	**ARC Zipcode:**	
Hazmat EHS:	N	**ARC State:**	
Hazmat Rad:	No	**ARC APN:**	
Haz Waste Rad:	N	**Zip:**	
Haz Waste EHS:	N	**Farm Nursery:**	
Full Name:	ROBERT & DEBBIE NIETO	**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:	619-585-8606	**Bill Code 2:**	Not Applicable
Site Address:	736 F ST	**Bill Code 3:**	Not Applicable
Parcel No:	567-090-04-00	**Univ Waste Gen Type:**	

Record Ali:	Unified Program Facility Permit
Address:	736 F ST
Business Type:	Auto Repair, General - Waste USTs Only
Bill Code:	Not Applicable
ER Con Name:	ROBERT NIETO
ER Con Title:	OWNER
Water Purv:	CHULA VISTA
Fire Agency:	CHULA VISTA
Geo SRC:	Mapped to record APN/Parcel XY center
Match Addr:	
Hirt Flag:	No
Frhmbp Report Filename:	HMBP113333.pdf
Frhmbp Sitemap Filename:	MAP_113333.pdf

36	3 of 3	NNE	0.17 / 902.56	38.53 / 20	**BECKA AUTOMOTIVE, INC.** **736 F ST** **CHULA VISTA CA 91910-2006**	**RCRA NON GEN**

EPA Handler ID:	CAL000306106
Gen Status Universe:	No Report
Contact Name:	ROBERT NIETO
Contact Address:	736 F ST, CHULA VISTA, CA, 91910,
Contact Phone No and Ext:	619-585-8606
Contact Email:	DEBBIEBECKA@COX.NET
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20060428
Location Latitude:	32.63652
Location Longitude:	-117.096834

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20060428
Handler Name:	BECKA AUTOMOTIVE, INC.
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	736 F ST
Name:	ROBERT NIETO	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-884-3674	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910-0000

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	736 F ST
Name:	ROBERT NIETO	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-585-8606	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	*1 of 1*	*SSW*	*0.18 / 952.77*	*9.29 / -9*	*CA*	*PFAS GW*

Well ID:	SL209294204-PMW120(A)	***SRS Latitude:***	32.627223000000001
Gm Dataset Name:	WB_CLEANUP	***SRS Longitude:***	-117.1000252
Gm Data Source:	GeoTracker	***Latitude:***	32.627223000000001
Gm Well Category:	MONITORING	***Longitude:***	-117.1000252
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW120(A)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		

Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: 9ClPF3ONS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 21
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: PFPA
SRC Result: 21
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: PFUNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.57	***SRC Result:***	.57
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	8.3	***SRC Result:***	8.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.8
Gm Reporting Limit:	4.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.66	**SRC Result:**	.66
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		

SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:
SRC Chemical: ETFOSE
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI
SRC Chemical: MEFOSA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 11
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: MB
SRC Chemical: PFOS
SRC Result: 11
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.8
SRC Chemical: PFHXSA
SRC Result: 3.8

Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	14	**SRC Result:**	14
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	1.5	**SRC Result:**	1.5
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		

Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI
SRC Chemical: NETFOSAA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .66
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: J,DX,CI
SRC Chemical: PFNDCA
SRC Result: .66
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: LR,RB,CI
SRC Chemical: PFODA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	8:2FTS	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	12	***SRC Result:***	12
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.8
Gm Reporting Limit:	4.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** PFDOA
Gm Result: .48 ***SRC Result:*** .48
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFDOA ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** PFUNDCA
Gm Result: .48 ***SRC Result:*** .48
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFUNDCA ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** ETFOSE
Gm Result: .96 ***SRC Result:*** .96
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: ETFOSE ***SRC Report Limit:*** 2.9
Gm Reporting Limit: 2.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21

SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 8.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:
SRC Chemical: PFHPA
SRC Result: 8.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI
SRC Chemical: 4:2FTS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: LR,CI
SRC Chemical: PFHXDA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
SRC Chemical: PFHXDA
SRC Result: .94

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	16	**SRC Result:**	16
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		

Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: J,DX

SRC Chemical: PFNA
SRC Result: 1
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

SRC Chemical: PFNS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.8
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

SRC Chemical: PFHXSA
SRC Result: 3.8
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	7.4	***SRC Result:***	7.4
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: **SRC Well Depth Ft:**
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

SRC Chemical: 10:2FTS
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

SRC Chemical: PFTEDA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21

SRC Chemical: 8:2FTS
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: LR

SRC Chemical: PFODA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:

SRC Chemical: PFOSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 16
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:

SRC Chemical: PFHA
SRC Result: 16
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47

SRC Chemical: 11ClPF3OUDS
SRC Result: .47

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	2.7	**SRC Result:**	2.7
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	TG		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		

Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:
SRC Chemical: PFTRIDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:
SRC Chemical: MEFOSE
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:
SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFOSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	8.7	***SRC Result:***	8.7
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	21	***SRC Result:***	21
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21

SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .56
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NMEFOSAA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:
SRC Chemical: NMEFOSAA
SRC Result: .56
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 11
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:
SRC Chemical: PFOA
SRC Result: 11
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.21
Gm Screen Bottom Depth Ft: 24.21
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0930
SRC Screen Top Depth Ft: 9.21
SRC Screen Bottom Depth Ft: 24.21
SRC Lab Note:
SRC Chemical: 4:2FTS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 11
SRC Chemical: PFOS
SRC Result: 11

Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:	MB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		
Gm Screen Bottom Depth Ft:	24.21		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0930		
SRC Screen Top Depth Ft:	9.21		
SRC Screen Bottom Depth Ft:	24.21		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.65	**SRC Result:**	.65
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.21		

Gm Screen Bottom Depth Ft:	24.21
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	0930
SRC Screen Top Depth Ft:	9.21
SRC Screen Bottom Depth Ft:	24.21
SRC Lab Note:	J,DX

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	11	**SRC Result:**	11
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorooctanoic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	9.21
Gm Screen Bottom Depth Ft:	24.21
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	0930
SRC Screen Top Depth Ft:	9.21
SRC Screen Bottom Depth Ft:	24.21
SRC Lab Note:	CI

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	1 of 1	ENE	0.19 / 976.93	31.51 / 13	691 G ST. 691 G ST CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAC002995475
Gen Status Universe:	No Report
Contact Name:	JOHN SUMMERFRUIT
Contact Address:	2250 FOURTH AVE., SAN DIEGO, CA, 92101,
Contact Phone No and Ext:	619-850-5390
Contact Email:	JOHN@THESUMMERFRUITGROUP.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20190107
Location Latitude:	32.633341
Location Longitude:	-117.094722

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190107
Handler Name: 691 G ST.
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: JOHN SUMMERFRUIT
Date Became Current:
Date Ended Current:
Phone: 619-850-5390
Source Type: Implementer
Street No:
Street 1: 2250 FOURTH AVE.
Street 2:
City: SAN DIEGO
State: CA
Country:
Zip Code: 92101

Owner/Operator Ind: Current Owner
Type: Other
Name: SUMMERFRUIT GROUP
Date Became Current:
Date Ended Current:
Phone: 619-850-5390
Source Type: Implementer
Street No:
Street 1: 2250 FOURTH AVE.
Street 2:
City: SAN DIEGO
State: CA
Country:
Zip Code: 92101

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39 | **1 of 1** | **NNW** | **0.19 / 994.19** | **32.98 / 15** | **Seven Mile Casino - Tesla Destination**
285 Bay Blvd
Chula Vista CA 91910 | **ALT FUELS**

Fuel Type Code: ELEC: Electric
Station Phone: 619-425-3333 877-798-3752
Expected Date:
BD Blends:
NG Fill Type Code:
NG PSI:
Federal Agency ID:
Open Date: 2015-07-01
NG Vehicle Class:
LPG Primary:
E85 Blender Pump:
NG Fill Type Desc:
Hydrogen is Retail:
Federal Agency:
Facility Type: OTHER_ENTERTAINMENT
Dt Last Confirmed: 2020-11-03
Restricted Access:
Fed Agency Name:
Hydrogen Status Link:
ID: 112923
Updated at: 2021-03-11 23:22:17 UTC
CNG Dispenser No:
CNG Site Renew Src:
CNG Tot Compr Cap:
CNG Storage Cap:
CNG Fill Type Code:
CNG PSI:
CNG Vehicle Class:
LNG Site Renew Src:
LNG Vehicle Class:
LPG Nozzle Types:
Hydrogen Pressures:
Hydrogen Standards:
Latitude: 32.636651
Longitude: -117.099805

Status: Open: The station is open.
Owner Type Desc: Privately owned
E85 Blender Pump Desc:
NG Vehicle Class Desc:
Geocode Status Desc: Premise (building name, property name, shopping center, etc.) level accuracy.
LPG Primary Desc:
E85 Other Ethanol Blends:
EV Pricing: Free
EV Pricing French:
EV on Site Renewable Source:
Intersection Directions:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	1 of 15	ESE	0.19 / 1,000.61	25.56 / 7	CHEVRON 96056 695 H ST CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAD982487035
Gen Status Universe: No Report
Contact Name: KATHY NORRIS SLUSHER
Contact Address: PO BOX 6004, SAN RAMON, CA, 94583, US
Contact Phone No and Ext: 877-386-6044
Contact Email: NAWTDESK@CHEVRON.COM
Contact Country: US
County Name: SAN DIEGO
EPA Region: 09
Land Type: Private
Receive Date: 20130313
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Nov, 2022.

Violation Details

Found Violation: Yes
Citation: FR - 262.10-12.A
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19930112
Scheduled Compliance Date:
Return to Compliance: Not Resolvable
Actual Return to Compl: 19980112
Violation Responsible Agency: State

Evaluation Details

Evaluation Start Date: 19930112
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19980112
Evaluation Agency: State Contractor/Grantee

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060216
Handler Name: CHEVRON 96056
Source Type: Annual/Biennial Report
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator

Waste Code Details

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 223
Waste Code Description: Unspecified oil-containing waste

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20130313
Handler Name: CHEVRON 96056
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060216
Handler Name: CHEVRON 96056
Source Type: Implementer
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20020617
Handler Name: CHEVRON STATION NO 96056
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: CHEVRON USA INC.
Date Became Current: 19900101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: CHEVRON USA
Date Became Current: 20050228
Date Ended Current:
Phone: 877-386-6044
Source Type: Notification
Street No:
Street 1: PO BOX 6004
Street 2:
City: SAN RAMON
State: CA
Country: US
Zip Code: 94583

Owner/Operator Ind: Current Operator
Type: Private
Name: KATHY NORRIS SLUSHER
Date Became Current: 20050228
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: CHEVRON USA INC.
Date Became Current: 19900101
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Name: CHEVRON USA INC.
Date Became Current: 19900101
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1: PO BOX 6004
Street 2:
City: SAN RAMON
State: CA
Country: US
Zip Code: 94583

Owner/Operator Ind: Current Owner
Type: Private
Name: CHEVRON PRODUCTS CO
Date Became Current:
Date Ended Current:
Phone: 925-842-5931
Source Type: Notification
Street No:
Street 1: P O BOX 6004
Street 2:
City: SAN RAMON
State: CA
Country:
Zip Code: 94583

Owner/Operator Ind: Current Owner
Type: Private
Name: CHEVRON USA INC.
Date Became Current: 19900101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1: PO BOX 6004
Street 2:
City: SAN RAMON
State: CA
Country: US
Zip Code: 94583

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Historical Handler Details

Receive Dt: 20020617
Generator Code Description: Small Quantity Generator
Handler Name: CHEVRON STATION NO 96056

Receive Dt: 20060216
Generator Code Description: Small Quantity Generator
Handler Name: CHEVRON 96056

Receive Dt: 20060216
Generator Code Description: Large Quantity Generator
Handler Name: CHEVRON 96056

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	2 of 15	ESE	0.19 / 1,000.61	25.56 / 7	CHEVRON #9-6056 695 H ST CHULA VISTA CA 91910	DELISTED TNK

Delisted Storage Tanks

Facility ID: H13127
Latitude: 32.631451
Longitude: -117.092321
Permitting Agency: SAN DIEGO COUNTY
County: San Diego
Original Source: UST
Record Date: 30-JAN-2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	3 of 15	ESE	0.19 / 1,000.61	25.56 / 7	CHEVRON #9-6056 695 H ST Chula Vista CA	SAM SANDIEGO

Record ID: DEH2011-LSAM-H13127-002
Record ID (DEH): DEH2011-LSAM-H13127-002
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 6147
Object ID: 6143
SWRCB Global ID: T10000002801
Feature ID: 5671902700
Parcel No: 567-190-27-00
Case No: H13127-002
H No: H13127
KIVA per Tp per No: 6SAM H13127
Status: Completed
Record Status: Completed
Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 02/10/2011
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type: MASTER
City: CHULA VISTA
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD
Project Name: CHEVRON #9-6056
Address: 695 H ST, CHULA VISTA CA 91910
Historical Name:
Record Name: CHEVRON #9-6056
Street String: 695 H ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed

BOS District: 1
Lead Agency: DEH/SAM
Lead Agcy Date: 1/31/2011, 7:00 PM
Opened Date: 2/9/2011, 7:00 PM
ThomasBros Map Gd: 1310 A 7
Jurisdiction: CHULA VISTA
Census Tract: 125.01
Watershed Basin: 909.12
GT Global ID: T10000002801
GT RB Case No:
GT Status Date:
GT Case Type: Cleanup Program Site
GT Lead Agency: SAN DIEGO COUNTY LOP
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.630102
GT Longitude: -117.09367
Latitude GS84: 32.6301024
Longitude GS84: -117.0936705
Point X: 6301915.03252906
Point Y: 1810091.52415857
X: 6301906.772
Y: 1810109.247
X1: -117.0936700000376
Y1: 32.63010199961579

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Case Type: VAP - Voluntary Assistance Program
Funding: V - Private - VAP
Geo SRC: Mapped to GeoTracker Lat/Lon
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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40 | **4 of 15** | **ESE** | **0.19 / 1,000.61** | **25.56 / 7** | **CHEVRON #9-6056**
695 H ST
Chula Vista CA | **SAM SANDIEGO**

Record ID:	DEH1995-LSAM-H13127-001	**BOS District:**	1
Record ID (DEH):	DEH1995-LSAM-H13127-001	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	10/16/1995, 8:00 PM
ID:	3797	**Opened Date:**	10/16/1995, 8:00 PM
Object ID:	3793	**ThomasBros Map Gd:**	1310 A 7
SWRCB Global ID:	T0607301886	**Jurisdiction:**	CHULA VISTA
Feature ID:	5671902700	**Census Tract:**	125.01
Parcel No:	567-190-27-00	**Watershed Basin:**	909.12
Case No:	H13127-001	**GT Global ID:**	T0607301886
H No:	H13127	**GT RB Case No:**	9UT3119
KIVA per Tp per No:	6SAM H13127	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	YES
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	10/17/1995	**GT Latitude:**	32.62999651
Per Type:	LWQD	**GT Longitude:**	-117.09364235
Primary Parcel:	YES	**Latitude GS84:**	32.6301024
Primary Address:	YES	**Longitude GS84:**	-117.0936705
Address Type:	MASTER	**Point X:**	6301915.02006188
City:	CHULA VISTA	**Point Y:**	1810094.22986181
Community:	Chula Vista	**X:**	6301906.772
Zip Code:	91910	**Y:**	1810109.247
Zip Community:	91910	**X1:**	-117.09367011163673
Agency Name:	COSD	**Y1:**	32.630109435449576

Project Name: CHEVRON #9-6056
Address: 695 H ST, CHULA VISTA CA 91910
Historical Name: CHEVRON #9-6056
Record Name: CHEVRON #9-6056
Street String: 695 H ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: LOP - Local Oversight Program
Funding: S - LOP State Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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40 | **5 of 15** | **ESE** | **0.19 / 1,000.61** | **25.56 / 7** | **FORMER CHEVRON**
695 H STREET
CHULA VISTA CA 91910 | **CLEANUP SITES**

Global ID:	T10000002801	**Latitude:**	32.630102
County:	SAN DIEGO	**Longitude:**	-117.09367
Status Date:	2/10/2011		

Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H13127-002
Begin Date: 2/1/2011
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency: SAN DIEGO COUNTY LOP
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker: KH
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 2011-02-10 00:00:00
Potential Media of Concern: Soil Vapor
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Manual Entry on Screens
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 90-95%
File Location: Local Agency
Site History:

VAP Case. - This case was opened to allow the County to review a proposed development on the subject property. The review is to determine if the proposed development will be impacted by the presence of residual soil and groundwater impacts.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Verification Monitoring
Status Date: 2011-02-01 00:00:00

Status: Open - Reopen Case
Status Date: 2011-02-01 00:00:00

Status: Open - Case Begin Date
Status Date: 2011-02-01 00:00:00

Status: Completed - Case Closed
Status Date: 2011-02-10 00:00:00

Status: Open - Site Assessment
Status Date: 2011-02-01 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: Kevin Heaton
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email:
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:

Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000002801
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/10/2011
Potential COC: GASOLINE
Potential Media of Concern: SOIL VAPOR
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H13127-002
CASEWORKER: Kevin Heaton
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000002801&tabname=regulatoryhistory
Site History:

VAP Case. - This case was opened to allow the County to review a proposed development on the subject property. The review is to determine if the proposed development will be impacted by the presence of residual soil and groundwater impacts.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 2/10/2011
Received Issue Date: 2/10/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002801&enforcement_id=6077961&temptable=ENFORCEMENT
Title Description Comments:

Case Review and Closure

Action Type: Notices
Action: Letter - Notice
Action Date: 2/3/2011
Received Issue Date: 2/3/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002801&enforcement_id=6076802&temptable=ENFORCEMENT
Title Description Comments:

SB-1248 Agency Notification.

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 2/1/2011
Received Issue Date: 2/1/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002801&enforcement_id=6076788&temptable=ENFORCEMENT
Title Description Comments:

VAP Application.

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type:	Site Documents	***Document Date:***	2/1/2011
Type:	COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT	***Submitted:***	
Submitted By:	NASSER SIONIT (REGULATOR)		
Title:	VAP APPLICATION.		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002801&enforcement_id=6076788		

Document Type:	Site Documents	***Document Date:***	2/3/2011
Type:	LETTER - NOTICE	***Submitted:***	
Submitted By:	NASSER SIONIT (REGULATOR)		
Title:	SB-1248 AGENCY NOTIFICATION.		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002801&enforcement_id=6076802		

Document Type:	Site Documents	***Document Date:***	2/10/2011
Type:	CLOSURE/NO FURTHER ACTION LETTER	***Submitted:***	
Submitted By:	KEVIN HEATON (REGULATOR)		
Title:	CASE REVIEW AND CLOSURE		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000002801&enforcement_id=6077961		

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status:	Open - Site Assessment
Date:	2/1/2011
Status:	Open - Reopen Case
Date:	2/1/2011
Status:	Open - Case Begin Date
Date:	2/1/2011
Status:	Completed - Case Closed
Date:	2/10/2011
Status:	Open - Verification Monitoring
Date:	2/1/2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	6 of 15	ESE	0.19 / 1,000.61	25.56 / 7	CHEVRON #9-6056 695 H ST CHULA VISTA CA 919104222	LUST

Global ID:	T0607301886	***Census Tract:***	6073012501
Status Date:	9/18/2007	***Match Key:***	T0607301886
Case Type:	LUST CLEANUP SITE	***County:***	SAN DIEGO
Oil Field:		***Latitude:***	32.6299965097104
Oil Field Operator:		***Longitude:***	-117.093642354012
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	YES
Lead Agency:	SAN DIEGO COUNTY LOP
Case Worker:	
Local Agency:	
RB Case No:	9UT3119
Local Case No:	H13127-001
File Location:	Local Agency
Potential COC:	Gasoline
Potential Media of Concern:	Aquifer used for drinking water supply
Begin Date:	10/17/1995
How Discovered:	
How Discovered Description:	
Stop Method:	Other Means
Stop Description:	OTHER MEANS **Note: Many records provided by the department have a truncated [Stop Description] field.

Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Manual Entry on Screens
Discharge Cause: Other
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1995-10-17 00:00:00
Military DoD Site: No
No Further Action Dt: 2007-09-18 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 90-95%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 9/18/2007

Status: Open - Case Begin Date
Status Date: 10/17/1995

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: CHEVRON #9-6056
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 695 H ST
City: CHULA VISTA
Zip: 919104222
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301886
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/18/2007
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607301886&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H13127-001
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT3119
CUF Claim: 11958
CUF Priority Assig: D
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Case Begin Date
Date : 10/17/1995

Status: Completed - Case Closed
Date : 9/18/2007

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 9/19/2007
Received Issue Date: 9/19/2007
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301886&enforcement_id=6399063&temptable=ENFORCEMENT
Title Description Comments:

H13127-001 Closure Documents

Action Type: Notices
Action: Notice of Responsibility
Action Date: 10/26/1995
Received Issue Date: 10/26/1995
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 10/17/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 10/17/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 10/17/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 10/17/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 2/16/2006 ***Submitted By:*** JASON LEE (RP)
Title: GEO_BORE (BA-1A)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7434188663/T0607301886.pdf

Submitted: 2/16/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_BORE (BA-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9891712784/T0607301886.pdf

Submitted: 2/16/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2817792594/T0607301886.pdf

Submitted: 2/16/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_BORE (BA-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4149825870/T0607301886.pdf

Submitted: 6/21/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1406971573/T0607301886.pdf

Submitted: 10/20/2006 **Submitted By:** REENA DELGADO (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9053042352/T0607301886.pdf

Submitted: 2/16/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_BORE (BA-6A)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5274139225/T0607301886.pdf

Submitted: 10/20/2006 **Submitted By:** REENA DELGADO (AUTH_RP)
Title: GEO_BORE (MW-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7656584024/T0607301886.pdf

Submitted: 2/16/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_BORE (BA-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6592145621/T0607301886.pdf

Submitted: 2/16/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_BORE (BA-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4412124454/T0607301886.pdf

Submitted: 9/11/2002 **Submitted By:** JASON LEE (RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/9066404044/T0607301886.pdf

Submitted: 2/16/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_BORE (BA-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8888249039/T0607301886.pdf

Submitted: 2/16/2006 **Submitted By:** JASON LEE (RP)
Title: GEO_BORE (BA-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5369328141/T0607301886.pdf

Submitted: 10/20/2006 **Submitted By:** REENA DELGADO (AUTH_RP)
Title: GEO_BORE (MW-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4912020623/T0607301886.pdf

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Monitoring Reports **Document Date:** 1/15/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: REENA DELGADO (AUTH_RP)
Title: Q405 GWM **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7071797013/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 10/9/2001*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITORINGREPORTTHIRDQUARTER2001 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3378680586/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 2/8/2006
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: JASON LEE (RP)
Title: SEMI-ANNUAL GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8363220036/T0607301886.PDF

Document Type: Site Documents **Document Date:** 9/19/2007
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H13127-001 CLOSURE DOCUMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301886&enforcement_id=6399063

Document Type: Site Documents **Document Date:** 6/21/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: JASON LEE (RP)
Title: UNDERGROUND STORAGE TANK REMOVAL AND EXCAVATION OVERSIGHT REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5365620255/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 7/8/2001*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITORINGREPORTSECONDQUARTER2001 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2106072187/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 12/13/1998*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITORINGREPORTTHIRDQUARTER1998 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5647861063/T0607301886.PDF

Document Type: Site Documents **Document Date:** 5/7/2007
Type: CORRESPONDENCE - OTHER **Submitted:**
Submitted By: REENA DELGADO (AUTH_RP)
Title: RESPONSE TO CO LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9744947671/T0607301886.PDF

Document Type: Site Documents **Document Date:** 1/15/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: REENA DELGADO (AUTH_RP)
Title: SAR 3-3-06 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8015246331/T0607301886.PDF

Document Type: Site Documents **Document Date:** 9/24/2007
Type: LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: H13127-001 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/site_documents/7777236759/4178%5F001%2Epdf

Document Type: Monitoring Reports **Document Date:** 10/20/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: REENA DELGADO (AUTH_RP)
Title: 3Q06 GWM **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9476194083/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 1/28/2001*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITOIRNGREPORTFOURTHQUARTER2000 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9612872481/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 11/4/1999*
Type: MONITORING REPORT - QUARTERLY **Submitted:**

Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITORINGREPORTTHIRDQUARTER1999 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8119808495/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 3/4/1999*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITOIRNGREPORTFOURTHQUARTER1998 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4996300458/T0607301886.PDF

Document Type: Site Documents **Document Date:** 2/2/2007
Type: CORRESPONDENCE - OTHER **Submitted:**
Submitted By: REENA DELGADO (AUTH_RP)
Title: CAP RESPONSE LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6084536492/T0607301886.PDF

Document Type: Site Documents **Document Date:** 2/2/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: REENA DELGADO (AUTH_RP)
Title: CAP **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1098158121/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 2/8/2000*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITOIRNGREPORTFOURTHQUARTER1999 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2064807474/T0607301886.PDF

Document Type: Site Documents **Document Date:** 1/18/2008*
Type: REPORTS - OTHER **Submitted:**
Submitted By: REENA DELGADO (AUTH_RP)
Title: 60 DAY MW ABANDONMENT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7081998527/T0607301886.PDF

Document Type: Site Documents **Document Date:** 3/6/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: JASON LEE (RP)
Title: MONITORING WELL INSTALLATION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8170821964/T0607301886.PDF

Document Type: Site Documents **Document Date:** 1/24/2005*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: BASELINESITEASSESSMENTJANUARY2005 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9049716413/T0607301886.PDF

Document Type: Site Documents **Document Date:** 4/30/1996*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: CLAIMAPP(1997) **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2426532328/T0607301886.PDF

Document Type: Site Documents **Document Date:** 4/1/1996*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: TANKREMOVALANDREMEDIALEXCAVATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6632510721/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 3/7/2006
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: JASON LEE (RP)
Title: SEMI-ANNUAL GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6906844913/T0607301886.PDF

Document Type: Site Documents **Document Date:** 5/7/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: REENA DELGADO (AUTH_RP)
Title: CAP 1-8-07 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2248522698/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 2/3/2004*
Type: MONITORING REPORT - ANNUALLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: CHEVRONANNUALGROUNDWATERMONITROINGREPORTFEBRUARY2004 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4003527998/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 11/13/2000*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITOINGREPORTTHIRDQUARTER2000 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3674853861/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 8/1/2000*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITORINGREPORTSECONDQUARTER2000 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3176623880/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 5/31/2000*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITORINGREPORTFIRSTQUARTER2000 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8720073997/T0607301886.PDF

Document Type: Site Documents **Document Date:** 4/16/2004*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: ADDITIONALSITEASSESSMENTREPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6527865946/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 7/13/1999*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITOIRNGREPORTSECONDQUARTER1999 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7640846967/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 9/24/1998*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITORINGREPORTSECONDQUARTER1998 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6857043266/T0607301886.PDF

Document Type: Site Documents **Document Date:** 11/17/1995*
Type: SOIL MANAGEMENT PLAN **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: SOILDISPOSALNOVEMBER1995 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3018624067/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 4/10/2001*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITOINGREPORTFIRSTQUARTER2001 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9484698832/T0607301886.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Monitoring Reports **Document Date:** 5/23/1999*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITOINGREPORTFIRSTQUARTER1999 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2072151899/T0607301886.PDF

Document Type: Site Documents **Document Date:** 6/20/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: JASON LEE (RP)
Title: SITE ASSESSMENT REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2582959830/T0607301886.PDF

Document Type: Monitoring Reports **Document Date:** 1/1/2002*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANTEA GROUP REIMBURSEMENT (CONTRACTOR)
Title: QUARTERLYGROUNDWATERMONITORINGREPORTFOURTH2001 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2771365702/T0607301886.PDF

40	7 of 15	ESE	0.19 / 1,000.61	25.56 / 7	CHEVRON #9-6056 695 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID: DEH2002-HUPFP-113127 **GIS Record ID:** DEH2002-HUPFP-113127
Facility Name: **GIS Facility City:** CHULA VISTA
Facility City: **GIS Facility ZipCode:** 91910
Facility ZipCode: **GIS Fac Latitude:** 32.6301024
Facility Latitude: **GIS Fac Longitude:** -117.0936705
Facility Longitude:
Facility Address:
GIS Facility Name: CHEVRON #9-6056
GIS Facility Address: 695 H ST, CHULA VISTA, CA 91910
Tank Owner Name:

HMD Permits Map Data

GIS Facility ID: **Status:**
GIS CERS ID: **ER Contact:**
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility **ER Con Work Ph:**
Per Type: **Census Tract:**
Per Sub Type: **Parcel Zip:**
Per Cat: **Community:**
Record Status: Completed **Jurisdiction:**
HW Tier: **Basin No:**
LRG QTY MW Gener: **BOS Dist:**
EPA ID No: **Tbpg Grid:**
RMP CAL ARP: **Insp Dist:**
Tank Owner: **Feature ID:** 5671902700
SIC Code: **X Coord:** 6301906.772
NAICS Code: **Y Coord:** 1810109.247
Disclose Qty Haz Mat: **Kiva Per Typ:** HK07 113127
Exp Date: **Agency Name:** COSD
Own/Operate USTs : **Point X:** 6301906.77205
UST Facility: **Point Y:** 1810109.24689
Total No USTs: 4 **Lat GS84:** 32.6301024
No of Tanks: **Lon GS84:** -117.0936705
Own Oper APS: N **Loc Name:**
Tot APSA Cap: 0 **Score:**
Capacity LR: **Match Type:**
Haz Waste G: Yes **Side:**
Recycle100: **X Map Coord:** -117.09369729458768
Onsite Haz Waste Tre: **Y Map Coord:** 32.63015052347558
RCRA LRG Qty: **User Fld:**
Haz Wst Coll Site: **Addr Type:**
Accept Offs: **ARC Address:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Universal Waste Han:
Toxic Gas:
Hazmat EHS:
Hazmat Rad:
Haz Waste Rad:
Haz Waste EHS:
Full Name:
Email Perm:
Phone Perm:
Site Address:
Parcel No: 567-190-27-00
Record Ali: Unified Program Facility Permit
Address: 695 H ST
Business Type: UST - Retail Site - With Repair Service
Bill Code:
ER Con Name:
ER Con Title:
Water Purv:
Fire Agency:
Geo SRC: Mapped to record APN/parcel center XY
Match Addr:
Hirt Flag:
Frhmbp Report Filename:
Frhmbp Sitemap Filename:
ARC City:
ARC Zipcode:
ARC State:
ARC APN:
Zip:
Farm Nursery:
Indian or Territory:
County ID:
Bill Code 2:
Bill Code 3:
Univ Waste Gen Type:

40	8 of 15	ESE	0.19 / 1,000.61	25.56 / 7	96056 695 H ST CHULA VISTA CA 92010	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ae7d.pdf

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40	9 of 15	ESE	0.19 / 1,000.61	25.56 / 7	CHEVRON #9-6056 695 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T0607301886
Record ID: DEH1995-LSAM-H13127-001
Record Status: Completed
Opened Date: 10/17/1995
Case Type: LOP - Local Oversight Program
Historical Name: CHEVRON #9-6056
Lead Agency: DEH/SAM
Lead Agency Date: 10/17/1995
Funding: S - LOP State Fund
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CLOSED OR TRANSFERRED LOP CASES
Parcel No: 567-190-27-00
Census Tract: 125.01
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6301024
Longitude GS 84: -117.0936705
X Map Coord: 6301906.772
Y Map Coord: 1810109.247

40	10 of 15	ESE	0.19 / 1,000.61	25.56 / 7	CHEVRONH STREET CHULA VISTA 695 H ST CHULA VISTA CA 91910	EMISSIONS

2003 Criteria Data

Facility ID: 4493
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
CERR Code:
TOGT: 2.9149918
ROGT: 2.9149918
COT:
NOXT:
SOXT:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2003 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

40	11 of 15	ESE	0.19 / 1,000.61	25.56 / 7	**CHEVRON** **695H ST** **CHULA VISTA CA 91910**	EMISSIONS

2004 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.63
CO:	37	**ROGT:**	2.63
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2004 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2005 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.63
CO:	37	**ROGT:**	2.63
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2005 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			

Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2007 Criteria Data

Facility ID:	4493	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	2.63
CO:	37	***ROGT:***	2.63
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2007 Toxic Data

Facility ID:	4493	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	4493	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	2.63
CO:	37	***ROGT:***	2.63
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2008 Toxic Data

Facility ID:	4493	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	4493	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	2.63
CO:	37	***ROGT:***	2.63
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2009 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.63
CO:	37	**ROGT:**	2.63
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2011 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.63
CO:	37	**ROGT:**	2.63
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2012 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	

District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2013 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.63
CO:	37	**ROGT:**	2.63
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2013 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.63
CO:	37	**ROGT:**	2.63
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2014 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.63
CO:	37	**ROGT:**	2.63
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2015 Toxic Data

Facility ID:	4493	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	4493	***CERR CODE:***	
Facility SIC Code:	5541	***TOGT:***	2.63
CO:	37	***ROGT:***	2.63
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2016 Toxic Data

Facility ID:	4493	***TS:***	
Facility SIC Code:	5541	***HRA:***	
CERR CODE:		***CH Index:***	
COID:	SD	***AH Index:***	
CO:	37	***Air Basin:***	SD
DISN:	SAN DIEGO COUNTY APCD	***District:***	SD
CHAPIS:			

2017 Criteria Data

Facility ID:	4493	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	2.63
CO:	37	***ROGT:***	2.63
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2017 Toxic Data

Facility ID:	4493	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	4493	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	2.63
CO:	37	***ROGT:***	2.63
Air Basin:	SD	***COT:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2018 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
Facility ID:	4493	**ROGT:**	2.63
District:	SD	**COT:**	
Facility SIC Code:	5541	**NOXT:**	
CO ID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD		
PM10T:			
TOGT:	2.63		
PMT:			

2019 Toxic Data

CO:	37	**DISN:**	SAN DIEGO COUNTY APCD
Air Basin:	SD	**CHAPIS:**	
Faccility ID:	4493	**CERR Code:**	
District:	SD	**TS:**	
Facility SIC Code:	5541	**Health Risk Asmt:**	
COID:	SD		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

40	***12 of 15***	***ESE***	***0.19 / 1,000.61***	***25.56 / 7***	***CHEVRON 695 H ST CHULA VISTA CA 91910***	***EMISSIONS***

2006 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.63
CO:	37	**ROGT:**	2.63
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2006 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CERR Code:

---

40 | ***13 of 15*** | ***ESE*** | ***0.19 / 1,000.61*** | ***25.56 / 7*** | ***CHEVRON / H STREET CHULA VISTA***
695 H ST
CHULA VISTA CA 91910 | ***EMISSIONS***

1999 Criteria Data

Facility ID: 4493
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 2.1448126
ROGT: 2.1448126
COT:
NOXT:
SOXT:
PMT:
PM10T:

1999 Toxic Data

Facility ID: 4493
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2000 Criteria Data

Facility ID: 4493
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 2.9149918
ROGT: 2.9149918
COT:
NOXT:
SOXT:
PMT:
PM10T:

2000 Toxic Data

Facility ID: 4493
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2001 Criteria Data

Facility ID: 4493
CERR Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	5541	**TOGT:**	2.91
CO:	37	**ROGT:**	2.91
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2001 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Criteria Data

Facility ID:	4493	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	2.9149918
CO:	37	**ROGT:**	2.9149918
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2002 Toxic Data

Facility ID:	4493	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	14 of 15	ESE	0.19 / 1,000.61	25.56 / 7	96056 695 H ST CHULA VISTA CA	HIST TANK

Owner Name:	CHEVRON U.S.A. INC.	**No of Containers:**	4
Owner Street:	575 MARKET	**County:**	SAN DIEGO
Owner City:	SAN FRANCISCO	**Facility State:**	CA
Owner State:	CA	**Facility Zip:**	92010
Owner Zip:	94105		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	15 of 15	ESE	0.19 / 1,000.61	25.56 / 7	PAULS CHEVRON SERVICE 695 H ST CHULA VISTA CA	UST SWEEPS

C C:	A37-000-13127	**D Filename:**	SITE02A
BOE:	44-022710	**Page No:**	54
Comp:	13127	**County:**	SAN DIEGO
Status:	ACTIVE	**State :**	CA
No of Tanks:	4	**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	32.630193

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Agency: SAN DIEGO COUNTY - U.S.T.
Phone:
Longitude: -117.09261
Georesult: S5HPNTSCZA

Tank Details

Tank ID: 000001
O Tank ID:
SWRCB No: 37-000-013127-000001
Removed:
Installed:
A Date:
Capac: 10000
Tank Use: M.V. FUEL
S Contain:
Stg: P
Storage :
Storag Type: PRODUCT
P Contain:
Content: REG UNLEADED
ONA:
D File Name: TANK2A

Tank Details

Tank ID: 000002
O Tank ID:
SWRCB No: 37-000-013127-000002
Removed:
Installed:
A Date:
Capac: 10000
Tank Use: M.V. FUEL
S Contain:
Stg: P
Storage :
Storag Type: PRODUCT
P Contain:
Content: LEADED
ONA:
D File Name: TANK2A

Tank Details

Tank ID: 000004
O Tank ID:
SWRCB No: 37-000-013127-000004
Removed:
Installed:
A Date:
Capac: 1000
Tank Use: PETROLEUM
S Contain:
Stg: W
Storage :
Storag Type: WASTE
P Contain:
Content:
ONA:
D File Name: TANK2A

Tank Details

Tank ID: 000003
O Tank ID:
SWRCB No: 37-000-013127-000003
Removed:
Installed:
A Date:
Capac: 5000
Tank Use: M.V. FUEL
S Contain:
Stg: P
Storage :
Storag Type: PRODUCT
P Contain:
Content: LEADED
ONA:
D File Name: TANK2A

41	1 of 1	W	0.21 / 1,086.12	8.93 / -10	**PORT OF SAN DIEGO** **DERELICTBOAT YARD** **891 G ST** **CHULA VISTA CA 91910**	HAZ TSD

EPA ID: CAL000347973
Facility Street2:
Facility County: 37
County: San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAL000347973

42	1 of 4	ESE	0.22 / 1,141.28	23.93 / 5	**WOODLAWN GARDENS APTS.** **535 WOODLAWN AVE #2 & 6** **CHULA VISTA CA 91910-5136**	RCRA NON GEN

EPA Handler ID:	CAC003066759
Gen Status Universe:	No Report
Contact Name:	BRIAN KAPLAN
Contact Address:	PACIFICA WOOLAWN LP., #200, SAN DIEGO, CA, 92110,
Contact Phone No and Ext:	619-296-9000
Contact Email:	BKAPLAN@PACIFICACOMPANIES.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20200513
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200513
Handler Name:	WOODLAWN GARDENS APTS.
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	PACIFICA WOOLAWN LP.
Name:	BRIAN KAPLAN	***Street 2:***	#200
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-296-9000	***Country:***	
Source Type:	Implementer	***Zip Code:***	92110

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1775 HANCOCK ST.
Name:	PACIFICA WOODLAWN LP.	***Street 2:***	#200
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-296-9000	***Country:***	
Source Type:	Implementer	***Zip Code:***	92110

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	2 of 4	ESE	0.22 / 1,141.28	23.93 / 5	WOODLAWN GARDENS APTS. 535 WOODLAWN AVE. CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC003084351
Gen Status Universe: No Report
Contact Name: BRIAN KAPLAN
Contact Address: 1775 HANCOCK ST., #200, SAN DIEGO, CA, 92110,
Contact Phone No and Ext: 619-295-9000
Contact Email: BKAPLAN@PACIFICACOMPANIES.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20200917
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200917
Handler Name: WOODLAWN GARDENS APTS.
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: BRIAN KAPLAN
Date Became Current:
Date Ended Current:
Phone: 619-295-9000
Source Type: Implementer
Street No:
Street 1: 1775 HANCOCK ST.
Street 2: #200
City: SAN DIEGO
State: CA
Country:
Zip Code: 92110

Owner/Operator Ind: Current Owner
Type: Other
Name: PACIFICA WOODLAWN LP.
Street No:
Street 1: 1775 HANCOCK ST.
Street 2: #200

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-295-9000	**Country:**	
Source Type:	Implementer	**Zip Code:**	92110

42	3 of 4	ESE	0.22 / 1,141.28	23.93 / 5	**WOODLAWN GARDENS APTS.** **535 WOODLAWN AVE. #4** **CHULA VISTA CA 91910**	**RCRA NON GEN**

EPA Handler ID:	CAC003080885
Gen Status Universe:	No Report
Contact Name:	BRIAN KAPLAN
Contact Address:	1775 HANCOCK ST., #200, SAN DIEGO, CA, 92110,
Contact Phone No and Ext:	619-476-9933
Contact Email:	NANCYL@PWSEI.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20200825
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200825
Handler Name:	WOODLAWN GARDENS APTS.
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1775 HANCOCK ST.
Name:	PACIFICA WOODLAWN LP.	**Street 2:**	#200
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-476-9933	**Country:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Implementer	**Zip Code:**	92110
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1775 HANCOCK ST.
Name:	BRIAN KAPLAN	**Street 2:**	#200
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-476-9933	**Country:**	
Source Type:	Implementer	**Zip Code:**	92110

42	4 of 4	ESE	0.22 / 1,141.28	23.93 / 5	WOODLAWN GARDENS APTS. 535 WOODLAWN AVE. #3 CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAC003118298
Gen Status Universe:	No Report
Contact Name:	BRIAN KAPLAN
Contact Address:	1775 HANDCOCK ST., #200, SAN DIEGO, CA, 92110,
Contact Phone No and Ext:	619-296-9000
Contact Email:	NANCYL@PWSEI.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20210505
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20210505
Handler Name:	WOODLAWN GARDENS APTS.
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	1775 HANDCOCK ST.
Name:	BRIAN KAPLAN	**Street 2:**	#200
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-296-9000	**Country:**	
Source Type:	Implementer	**Zip Code:**	92110
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1775 HANDCOCK ST.
Name:	PACIFICA WOODLAWN LP.	**Street 2:**	#200
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-296-9000	**Country:**	
Source Type:	Implementer	**Zip Code:**	92110

43	1 of 1	ESE	0.22 / 1,159.50	26.77 / 8	**7-ELEVEN STORE #13576** **698 H ST, CHULA VISTA, CA 91910-4219** **CHULA VISTA CA 91910-4219**	**HAZ SANDIEGO**

Record ID:	DEH2015-HUPFP-001547	**GIS Record ID:**	DEH2015-HUPFP-001547
Facility Name:		**GIS Facility City:**	CHULA VISTA
Facility City:		**GIS Facility ZipCode:**	91910-4219
Facility ZipCode:		**GIS Fac Latitude:**	32.6295855
Facility Latitude:		**GIS Fac Longitude:**	-117.0931404
Facility Longitude:			
Facility Address:			
GIS Facility Name:	7-ELEVEN STORE #13576		
GIS Facility Address:	698 H ST, CHULA VISTA, CA 91910-4219		
Tank Owner Name:			

Hazardous Waste and Materials

ID:	125522	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2017-HCHEM-0164257	**Active Permit:**	true
CAS No:	124-38-9	**Haz Material Type:**	Pure
Last Updated:	01/16/2018 01:15:47 PM	**Trade Secret:**	false
Chemical Name:	CARBON DIOXIDE		
Common Name Inventory:	CARBON DIOXIDE, REFRIGERATED LIQUID		

ID:	67116	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2017-HCHEM-0132009	**Active Permit:**	true
CAS No:	124-38-9	**Haz Material Type:**	Pure
Last Updated:	11/29/2017 02:35:34 AM	**Trade Secret:**	false
Chemical Name:	CARBON DIOXIDE		
Common Name Inventory:	CARBON DIOXIDE, REFRIGERATED LIQUID		

Hazardous Materials Inspection Violations

Container Tank ID:		**Inspection No:**	6703012
Facility ID No:	37-000-001547	**Inspection Type:**	Initial Inspection
ID:	54389	**Inspection Date:**	04/14/2021 12:00:00 AM
UST ID:		**Compliance Date:**	05/17/2021 12:00:00 AM
Permit Status:	Expired	**Last Updated:**	04/22/2022 12:44:57 AM
Active Permit:	false	**NOV:**	false
Program Element:	Hazardous Materials Release Response Plans		
Violation Classification:	Minor		
Violation Code:	1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)		

Container Tank ID:		**Inspection No:**	5732259
Facility ID No:	37-000-001547	**Inspection Type:**	Routine
ID:	39000	**Inspection Date:**	07/06/2017 02:23:00 PM
UST ID:		**Compliance Date:**	08/02/2017 12:00:00 AM
Permit Status:	Expired	**Last Updated:**	04/22/2022 12:44:57 AM

Active Permit:	false	**NOV:**	false
Program Element:	Hazardous Materials Release Response Plans		
Violation Classification:	Class II		
Violation Code:	1020002 Initial &/or annual employee training not conducted for hazardous materials management &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)		

HMD Permits Map Data

GIS Facility ID:	37-000-001547	**Status:**	
GIS CERS ID:	10461994	**ER Contact:**	619-422-6520
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	**ER Con Work Ph:**	619-422-6520
Per Type:		**Census Tract:**	126.00
Per Sub Type:		**Parcel Zip:**	91910
Per Cat:		**Community:**	Chula Vista
Record Status:	Pending Inspection	**Jurisdiction:**	CHULA VISTA
HW TIer:	Not Applicable	**Basin No:**	909.12
LRG QTY MW Gener:	No	**BOS Dist:**	1
EPA ID No:		**Tbpg Grid:**	
RMP CAL ARP:	Not Applicable	**Insp Dist:**	HN071
Tank Owner:		**Feature ID:**	5710611000
SIC Code:	5411	**X Coord:**	6302072.243
NAICS Code:	445120	**Y Coord:**	1809914.482
Disclose Qty Haz Mat:	Y	**Kiva Per Typ:**	
Exp Date:	11/29/2018	**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6302072.243
UST Facility:		**Point Y:**	1809914.48199999
Total No USTs:		**Lat GS84:**	32.6295855
No of Tanks:		**Lon GS84:**	-117.0931404
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	N	**Side:**	
Recycle100:	N	**X Map Coord:**	-117.09315475525352
Onsite Haz Waste Tre:	N	**Y Map Coord:**	32.62961892758103
RCRA LRG Qty:	N	**User Fld:**	
Haz Wst Coll Site:	N	**Addr Type:**	
Accept Offs:	N	**ARC Address:**	
Universal Waste Han:	N	**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:	N	**ARC State:**	
Hazmat Rad:	No	**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:	AMBER, INC.	**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:	619-422-6520	**Bill Code 2:**	Not Applicable
Site Address:	698 H ST	**Bill Code 3:**	Not Applicable
Parcel No:	571-061-10-00	**Univ Waste Gen Type:**	

Record Ali:	Unified Program Facility Permit
Address:	698 H ST
Business Type:	Beverage Carbonation Only
Bill Code:	Not Applicable
ER Con Name:	GURKIRPAL MORROW
ER Con Title:	FRANCHISEE / STORE OPERATOR
Water Purv:	SOUTH BAY IRRIGATION LAND
Fire Agency:	CHULA VISTA
Geo SRC:	Mapped to record APN/Parcel XY center
Match Addr:	
Hirt Flag:	No
Frhmbp Report Filename:	HMBP001547.pdf
Frhmbp Sitemap Filename:	

44	***1 of 25***	***N***	***0.23 / 1,216.83***	***39.60 / 21***	***CHULA VISTA CITY OF 707 "F" ST CHULA VISTA CA 91910***	***RCRA NON GEN***

EPA Handler ID: CAD981371461

Gen Status Universe:	No Report
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	707 "F" ST, CHULA VISTA, CA, 92010, US
Contact Phone No and Ext:	619-691-5027
Contact Email:	
Contact Country:	US
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	Other
Receive Date:	19860127
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19860127
Handler Name:	CHULA VISTA CITY OF
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	CHULA VISTA CITY OF	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	NOT REQUIRED	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	2 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY OF PW OPS 707 F STREET CHULA VISTA CA 91910	RCRA SQG

EPA Handler ID: CAD981435852
Gen Status Universe: Small Quantity Generator
Contact Name: TED LARSON
Contact Address: 707 F STREET, CHULA VISTA, CA, 91910, US
Contact Phone No and Ext: 619-691-5027
Contact Email:
Contact Country: US
County Name: SAN DIEGO
EPA Region: 09
Land Type: Municipal
Receive Date: 19920220
Location Latitude: 32.639132
Location Longitude: -117.087552

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19920220
Handler Name: CHULA VISTA CITY OF PW OPS
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Municipal
Name: CITY OF CHULA VISTA
Date Became Current:
Date Ended Current:
Phone: 619-691-5031
Source Type: Notification
Street No:
Street 1: 276 4TH AVE
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910

Owner/Operator Ind: Current Operator
Type: Municipal
Name: NOT REQUIRED
Date Became Current:
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current: | **State:** ME
Phone: 415-555-1212 | **Country:**
Source Type: Notification | **Zip Code:** 99999

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44 | 3 of 25 | N | 0.23 / 1,216.83 | 39.60 / 21 | **CHULA VISTA CITY PUBLIC WORKS**
707 F ST
Chula Vista CA | SAM SANDIEGO

Record ID: DEH1999-LSAM-H04568-003
Record ID (DEH): DEH1999-LSAM-H04568-003
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 4713
Object ID: 4709
SWRCB Global ID: T0607399063
Feature ID: 5670312700
Parcel No: 567-031-27-00
Case No: H04568-003
H No: H04568
KIVA per Tp per No: 6SAM H04568
Status: Completed
Record Status: Completed
Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 12/02/1999
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type: ALIAS
City: CHULA VISTA
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD

BOS District: 1
Lead Agency: RWQCB
Lead Agcy Date: 9/25/2014, 8:00 PM
Opened Date: 12/1/1999, 7:00 PM
ThomasBros Map Gd: 1309 J 6
Jurisdiction: CHULA VISTA
Census Tract: 125.02
Watershed Basin: 909.12
GT Global ID: T0607399063
GT RB Case No: 9UT4025
GT Status Date:
GT Case Type: LUST Cleanup Site
GT Lead Agency: SAN DIEGO RWQCB (REGION 9)
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.63700779
GT Longitude: -117.09717751
Latitude GS84: 32.6374065
Longitude GS84: -117.0973574
Point X: 6300801.16008489
Point Y: 1812733.8800943
X: 6300767.057
Y: 1812815.188
X1: -117.09735743099012
Y1: 32.637339187842514

Project Name: CHULA VISTA CITY PUBLIC WORKS
Address: 707 F ST, CHULA VISTA CA 91910
Historical Name: CITY OF CHULA VISTA
Record Name: CHULA VISTA CITY PUBLIC WORKS
Street String: 707 F ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Open - Site Assessment
Case Type: LOP - Local Oversight Program
Funding: S - LOP State Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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44 | 4 of 25 | N | 0.23 / 1,216.83 | 39.60 / 21 | **CHULA VISTA CITY PUBLIC WORKS**
707 F ST
Chula Vista CA | SAM SANDIEGO

Record ID: DEH1987-LSAM-H04568-001
Record ID (DEH): DEH1987-LSAM-H04568-001
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 648
Object ID: 647
SWRCB Global ID:
Feature ID: 5670312700
Parcel No: 567-031-27-00
Case No:
H No: H04568
KIVA per Tp per No: 6SAM H04568

BOS District: 1
Lead Agency: RWQCB
Lead Agcy Date: 4/20/1989, 8:00 PM
Opened Date: 10/21/1987, 8:00 PM
ThomasBros Map Gd: 1309 J 6
Jurisdiction: CHULA VISTA
Census Tract: 125.02
Watershed Basin: 909.12
GT Global ID:
GT RB Case No:
GT Status Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status:	Completed	**GT Case Type:**	
Record Status:	Completed	**GT Lead Agency:**	
Record Type:	SAM Investigation	**GT CUF Case:**	
Record Alias:	SAM Investigation	**GT County:**	
Date:	10/22/1987	**GT Latitude:**	
Per Type:	LWQD	**GT Longitude:**	
Primary Parcel:	YES	**Latitude GS84:**	32.6374065
Primary Address:	YES	**Longitude GS84:**	-117.0973574
Address Type:	ALIAS	**Point X:**	6300801.16008489
City:	CHULA VISTA	**Point Y:**	1812733.8800943
Community:	Chula Vista	**X:**	6300767.057
Zip Code:	91910	**Y:**	1812815.188
Zip Community:	91910	**X1:**	-117.09735743099012
Agency Name:	COSD	**Y1:**	32.637339187842514
Project Name:	CHULA VISTA CITY PUBLIC WORKS		
Address:	707 F ST, CHULA VISTA CA 91910		
Historical Name:	CITY OF CHULA VISTA		
Record Name:	CHULA VISTA CITY PUBLIC WORKS		
Street String:	707 F ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	CHULA VISTA		
GT Status:			
Case Type:	VAP - Voluntary Assistance Program		
Funding:	V - Private - VAP		
Geo SRC:	Mapped to XY from previous SAM layer		
Short Notes:			
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	5 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1994-LSAM-H04568-002	**BOS District:**	1
Record ID (DEH):	DEH1994-LSAM-H04568-002	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	1/2/1994, 7:00 PM
ID:	3409	**Opened Date:**	11/7/1994, 7:00 PM
Object ID:	3405	**ThomasBros Map Gd:**	1309 J 6
SWRCB Global ID:	T0607302137	**Jurisdiction:**	CHULA VISTA
Feature ID:	5670312700	**Census Tract:**	125.02
Parcel No:	567-031-27-00	**Watershed Basin:**	909.12
Case No:	H04568-002	**GT Global ID:**	T0607302137
H No:	H04568	**GT RB Case No:**	9UT3376
KIVA per Tp per No:	6SAM H04568	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	11/08/1994	**GT Latitude:**	32.637411
Per Type:	LWQD	**GT Longitude:**	-117.097395
Primary Parcel:	YES	**Latitude GS84:**	32.6374065
Primary Address:	YES	**Longitude GS84:**	-117.0973574
Address Type:	ALIAS	**Point X:**	6300801.16008489
City:	CHULA VISTA	**Point Y:**	1812733.8800943
Community:	Chula Vista	**X:**	6300767.057
Zip Code:	91910	**Y:**	1812815.188
Zip Community:	91910	**X1:**	-117.09735743099012
Agency Name:	COSD	**Y1:**	32.637339187842514
Project Name:	CHULA VISTA CITY PUBLIC WORKS		
Address:	707 F ST, CHULA VISTA CA 91910		
Historical Name:	CITY OF CHULA VISTA		
Record Name:	CHULA VISTA CITY PUBLIC WORKS		
Street String:	707 F ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: LOP - Local Oversight Program
Funding: F - LOP Federal Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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44	6 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST Chula Vista CA	SAM SANDIEGO

Record ID: DEH2004-LSAM-H04568-005
Record ID (DEH): DEH2004-LSAM-H04568-005
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 5516
Object ID: 5512
SWRCB Global ID: T06019774117
Feature ID: 5670312700
Parcel No: 567-031-27-00
Case No: H04568-005
H No: H04568
KIVA per Tp per No: 6SAM H04568
Status: Completed
Record Status: Completed
Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 11/24/2004
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type: ALIAS
City: CHULA VISTA
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD
Project Name: CHULA VISTA CITY PUBLIC WORKS
Address: 707 F ST, CHULA VISTA CA 91910
Historical Name: CHULA VISTA CITY YARD
Record Name: CHULA VISTA CITY PUBLIC WORKS
Street String: 707 F ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: LOP - Local Oversight Program
Funding: S - LOP State Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

BOS District: 1
Lead Agency: DEH/SAM
Lead Agcy Date: 11/29/2004, 7:00 PM
Opened Date: 11/23/2004, 7:00 PM
ThomasBros Map Gd: 1309 J 6
Jurisdiction: CHULA VISTA
Census Tract: 125.02
Watershed Basin: 909.12
GT Global ID: T06019774117
GT RB Case No:
GT Status Date:
GT Case Type: LUST Cleanup Site
GT Lead Agency: SAN DIEGO COUNTY LOP
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.63720655
GT Longitude: -117.09711313
Latitude GS84: 32.6374065
Longitude GS84: -117.0973574
Point X: 6300801.16008489
Point Y: 1812733.8800943
X: 6300767.057
Y: 1812815.188
X1: -117.09735743099012
Y1: 32.637339187842514

44	7 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST Chula Vista CA	SAM SANDIEGO

Record ID: DEH2004-LSAM-H04568-004
Record ID (DEH): DEH2004-LSAM-H04568-004
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 5515
Object ID: 5511

BOS District: 1
Lead Agency: DEH/SAM
Lead Agcy Date: 11/14/2004, 7:00 PM
Opened Date: 11/14/2004, 7:00 PM
ThomasBros Map Gd: 1309 J 6

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SWRCB Global ID:	SLT19762335	**Jurisdiction:**	CHULA VISTA
Feature ID:	5670312700	**Census Tract:**	125.02
Parcel No:	567-031-27-00	**Watershed Basin:**	909.12
Case No:	H04568-004	**GT Global ID:**	SLT19762335
H No:	H04568	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H04568	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	11/15/2004	**GT Latitude:**	32.63723366
Per Type:	LWQD	**GT Longitude:**	-117.09713459
Primary Parcel:	YES	**Latitude GS84:**	32.6374065
Primary Address:	YES	**Longitude GS84:**	-117.0973574
Address Type:	ALIAS	**Point X:**	6300801.16008489
City:	CHULA VISTA	**Point Y:**	1812733.8800943
Community:	Chula Vista	**X:**	6300767.057
Zip Code:	91910	**Y:**	1812815.188
Zip Community:	91910	**X1:**	-117.09735743099012
Agency Name:	COSD	**Y1:**	32.637339187842514

Project Name: CHULA VISTA CITY PUBLIC WORKS
Address: 707 F ST, CHULA VISTA CA 91910
Historical Name: CHULA VISTA CITY PUBLIC WORKS YARD
Record Name: CHULA VISTA CITY PUBLIC WORKS
Street String: 707 F ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: VAP - Voluntary Assistance Program
Funding: V - Private - VAP
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	8 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST CHULA VISTA CA 919102005	CLEANUP SITES

Global ID:	SLT19762335	**Latitude:**	32.6372336574701
County:	SAN DIEGO	**Longitude:**	-117.097134590149
Status Date:	4/14/2005		

Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H04568-004
Begin Date: 11/15/2004
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency: SAN DIEGO COUNTY LOP
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Gasoline
How Discovered:
Stop Method: Other Means
Stop Description: OTHER MEANS
Case Worker: NS
Military DoD Site: No
Leak Reported Dt:

No Further Action Dt: 2005-04-14 00:00:00
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Geocode
Discharge Cause: Physc / Mech Damage
Discharge Source: Other
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 2004-11-15 00:00:00

Status: Completed - Case Closed
Status Date: 2005-04-14 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: NASSER SIONIT
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: nasser.sionit@sdcounty.ca.gov
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SLT19762335
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/14/2005
Potential COC: GASOLINE
Potential Media of Concern: SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H04568-004
CASEWORKER: NASSER SIONIT
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=SLT19762335&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 4/14/2005
Received Issue Date: 4/14/2005
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SLT19762335&enforcement_id=6374104&temptable=ENFORCEMENT
Title Description Comments:

H04568-004

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents
Document Date: 4/14/2005
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H04568-004
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=SLT19762335&enforcement_id=6374104

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 4/14/2005

Status: Open - Case Begin Date
Date: 11/15/2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	9 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST CHULA VISTA CA 919102005	LUST

Global ID: T06019774117
Census Tract: 6073012502
Status Date: 7/7/2008
Match Key: T06019774117
Case Type: LUST CLEANUP SITE
County: SAN DIEGO
Oil Field:
Latitude: 32.6372065531399
Oil Field Operator:
Longitude: -117.097113132477
Status: COMPLETED - CASE CLOSED

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: NS
Local Agency: SAN DIEGO COUNTY LOP
RB Case No:
Local Case No: H04568-005
File Location: Local Agency
Potential COC: Diesel
Potential Media of Concern: Soil
Begin Date: 11/8/2004
How Discovered:
How Discovered Description:
Stop Method: Close and Remove Tank
Stop Description: CLOSE AND REMOVE TANK **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
CalEnvScreen Score:

Coordinate Source: Google Geocode
Discharge Cause: Other
Discharge Source: Tank
EPA Region: 9
Leak Reported Dt: 2004-11-24 00:00:00
Military DoD Site: No
No Further Action Dt: 2008-07-07 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: NASSER SIONIT
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: nasser.sionit@sdcounty.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 11/8/2004

Status: Open - Site Assessment
Status Date: 12/7/2004

Status: Completed - Case Closed
Status Date: 7/7/2008

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: CHULA VISTA CITY PUBLIC WORKS
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 707 F ST
City: CHULA VISTA
Zip: 919102005
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T06019774117
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 7/7/2008
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T06019774117&tabname=regulatoryhistory
Potential COC: DIESEL
Potential Media of Concern: SOIL
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H04568-005
CASEWORKER: NASSER SIONIT
SAN DIEGO RWQCB (REGION 9)
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:

WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Site Assessment
Date : 12/7/2004

Status: Open - Case Begin Date
Date : 11/8/2004

Status: Completed - Case Closed
Date : 7/7/2008

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 7/7/2008
Received Issue Date: 7/7/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T06019774117&enforcement_id=5982157&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Notices
Action: Notice of Responsibility
Action Date: 12/7/2004
Received Issue Date: 12/7/2004
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Stopped
Action Date: 11/30/2004
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 11/24/2004
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 11/8/2004
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 11/8/2004
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents
Document Date: 7/7/2008
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: (REGULATOR)
Title: CLOSURE/NO FURTHER ACTION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T06019774117&enforcement_id=5982157

44	10 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST CHULA VISTA CA 919102005	LUST

Global ID: T0607302137
Status Date: 3/29/1999
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6073012502
Match Key: T0607302137
County: SAN DIEGO
Latitude: 32.637411
Longitude: -117.097395

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker:
Local Agency:
RB Case No: 9UT3376
Local Case No: H04568-002
File Location: Local Agency
Potential COC: Gasoline
Potential Media of Concern: Soil
Begin Date: 1/3/1994
How Discovered:
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause:
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1994-11-08 00:00:00
Military DoD Site: No
No Further Action Dt: 1999-03-29 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 3/29/1999

Status: Open - Case Begin Date
Status Date: 1/3/1994

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: CHULA VISTA CITY PUBLIC WORKS
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 707 F ST
City: CHULA VISTA
Zip: 919102005
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302137
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 3/29/1999
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607302137&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: SOIL
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H04568-002
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT3376
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 3/29/1999

Status: Open - Case Begin Date
Date : 1/3/1994

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter - #H04568-002
Action Date: 3/15/1999
Received Issue Date: 3/15/1999
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302137&enforcement_id=6101541&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Letter and Summary

Action Type: Notices
Action: Notice of Responsibility
Action Date: 1/17/1995
Received Issue Date: 1/17/1995
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 11/8/1994
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 11/8/1994
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 11/8/1994
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 11/8/1994
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents
Document Date: 3/15/1999
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: KATHY L. DENK (REGULATOR)
Title: CASE CLOSURE LETTER AND SUMMARY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302137&enforcement_id=6101541

44	11 of 25	N	0.23 / 1,216.83	39.60 / 21	***CHULA VISTA CITY PUBLIC WORKS*** ***707 F ST*** ***CHULA VISTA CA 919102005***	***LUST***

Global ID: T0607399063
Status Date: 7/12/2017
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6073012502
Match Key: T0607399063
County: SAN DIEGO
Latitude: 32.6370077878008
Longitude: -117.097177505493

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Case Worker:	CQC
Local Agency:	
RB Case No:	9UT4025
Local Case No:	
File Location:	Local Agency
Potential COC:	Diesel, Gasoline
Potential Media of Concern:	Other Groundwater (uses other than drinking water)
Begin Date:	12/2/1999
How Discovered:	Tank Closure
How Discovered Description:	
Stop Method:	Close and Remove Tank
Stop Description:	CLOSE AND REMOVE TANK **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	Severely Disadvantaged Community
CalEnvScreen Score:	
Coordinate Source:	Manual Entry on Screens
Discharge Cause:	Corrosion
Discharge Source:	Tank
EPA Region:	9
Leak Reported Dt:	1999-12-02 00:00:00
Military DoD Site:	No
No Further Action Dt:	2017-07-12 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	86-90%
Calenviroscreen 4 Score:	85-90%
Site History:	

This case was opened following the discovery of contaminated soil during the removal of a 10,000 gallon diesel tank on December 2, 1999. Additionally, case H04568-005 opened in 1/2004 was administratively consolidated with this case in July 2008. Two USTs were removed in 2004 and diesel fuel contamination was discovered beneath a dispenser island. The diesel fuel contamination was over-excavated during the tank removal activities.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	CHARLES Q. CHENG
Organization Name:	SAN DIEGO RWQCB (REGION 9)
Address:	2375 NORTHSIDE DRIVE, SUITE 100
City:	SAN DIEGO
Email:	charles.cheng@waterboards.ca.gov
Phone No:	6195213359

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Site Assessment
Status Date:	12/2/1999
Status:	Completed - Case Closed
Status Date:	7/12/2017
Status:	Open - Case Begin Date
Status Date:	12/2/1999
Status:	Open - Eligible for Closure
Status Date:	5/4/2017

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	CHULA VISTA CITY PUBLIC WORKS
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED

Address:	707 F ST
City:	CHULA VISTA
Zip:	919102005
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607399063
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 7/12/2017
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607399063&tabname=regulatoryhistory
Potential COC:	DIESEL, GASOLINE
Potential Media of Concern:	OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT4025 CASEWORKER: CHARLES Q. CHENG SAN DIEGO COUNTY LOP - CASE #: H04568-003
CUF Claim:	
CUF Priority Assig:	
CUF Amount Paid:	
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Gndwater Monitoring Freque:	# OF WELLS MONITORED - SEMI-ANNUALLY : 3
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:	

This case was opened following the discovery of contaminated soil during the removal of a 10,000 gallon diesel tank on December 2, 1999. Additionally, case H04568-005 opened in 1/2004 was administratively consolidated with this case in July 2008. Two USTs were removed in 2004 and diesel fuel contamination was discovered beneath a dispenser island. The diesel fuel contamination was over-excavated during the tank removal activities.

LUST Sites from GeoTracker Search - Cleanup Status History

Status:	Open - Site Assessment
Date :	12/2/1999
Status:	Completed - Case Closed
Date :	7/12/2017
Status:	Open - Eligible for Closure
Date :	5/4/2017
Status:	Open - Case Begin Date
Date :	12/2/1999

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type:	Other Regulatory Actions
Action:	Technical Correspondence / Assistance / Other
Action Date:	12/2/2013
Received Issue Date:	12/2/2013
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6184152&temptable=ENFORCEMENT
Title Description Comments:	

Document Submittal Requirements

Action Type:	Other Regulatory Actions

Action: Technical Correspondence / Assistance / Other
Action Date: 5/14/2013
Received Issue Date: 5/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6158884&temptable=ENFORCEMENT
Title Description Comments:

Response to Site Conceptual Model

Action Type: Response Requested - Other
Action: Conceptual Site Model - Regulator Responded
Action Date: 6/29/2012
Received Issue Date: 6/29/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399063&doc_id=5770583
Title Description Comments:

Site Conceptual Model - See DEH response letter dated 5/14/2013.

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 9/21/2011
Received Issue Date: 9/21/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6098992&temptable=ENFORCEMENT
Title Description Comments:

Past Due Notice

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/15/2011
Received Issue Date: 6/15/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6089536&temptable=ENFORCEMENT
Title Description Comments:

Past Due Notice - Second

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 5/19/2011
Received Issue Date: 5/19/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6087228&temptable=ENFORCEMENT
Title Description Comments:

Past Due Notice

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/30/2010
Received Issue Date: 11/30/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6070539&temptable=ENFORCEMENT
Title Description Comments:

Well Installation Report declined. Well Installation and Quarterly Groundwater Monitoring Repport (dated 8/6/2010) recommends closure. DEH does not concur and requires further investigation.

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 8/13/2010
Received Issue Date: 8/13/2010
Doc Link:
Title Description Comments:

Well installation and quarterly groundwater monitoring report. - Dissolved MTBE in groundwater is 370 ug/l and report recommends closure. DEH Declined closure in a letter dated 12/1/2010.

Action Type: Response Requested - Reports
Action: Soil and Water Investigation Report
Action Date: 8/13/2010
Received Issue Date: 8/13/2010
Doc Link:
Title Description Comments:

Well Installation and Groundwater Monitoring Report.

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 10/23/2009
Received Issue Date: 10/20/2009
Doc Link:
Title Description Comments:

Report of well survey

Action Type: Enforcement/Orders
Action: Verbal Enforcement
Action Date: 10/21/2009
Received Issue Date: 10/21/2009
Doc Link:
Title Description Comments:

Video of well observation by camera Geocon consultant called and informed MW-1A has defect in casing at 23 fbg. Consultant delivered a video of well observation by camera. SAM Hydro and NSS viewed the video and concluded that casing has given way and soil and mud had eleased to the well. NSS called consultant and recommended to remove MW-1A under permit and install a new well.

Action Type: Notices
Action: Letter - Notice
Action Date: 8/31/2009
Received Issue Date: 8/31/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6029002&temptable=ENFORCEMENT
Title Description Comments:

Electronic correspondence with RP about case status.

Action Type: Response Requested - Other
Action: Verbal Communication
Action Date: 8/10/2009
Received Issue Date: 8/10/2009
Doc Link:
Title Description Comments:

Request case information - Quint Barrette called for site contamination and groundwater plume information consider purchase.

Action Type: Notices
Action: Letter - Notice
Action Date: 7/9/2009
Received Issue Date: 7/9/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6024088&temptable=ENFORCEMENT
Title Description Comments:

GW Monitoring Reduction Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other

Action Date: 3/24/2009
Received Issue Date: 3/24/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6007565&temptable=ENFORCEMENT
Title Description Comments:

REPORT -- 3-24-09

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/29/2008
Received Issue Date: 10/29/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=5991865&temptable=ENFORCEMENT
Title Description Comments:

WORKPLAN -- 10-29-08

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/28/2008
Received Issue Date: 7/28/2008
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/28/2008
Received Issue Date: 7/28/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=5991866&temptable=ENFORCEMENT
Title Description Comments:

WORKPLAN -- 7-28-08

Action Type: Notices
Action: Notice of Responsibility
Action Date: 1/18/2000
Received Issue Date: 1/18/2000
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 12/2/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 12/2/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 12/2/1999
Received Issue Date:
Doc Link:

Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 12/2/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 7/12/2017
Received Issue Date: 7/12/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6326302&temptable=ENFORCEMENT
Title Description Comments:

NFA letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/12/2017
Received Issue Date: 6/12/2017
Doc Link:
Title Description Comments:

update LTCP Checklist and Path to Closure

Action Type: Notices
Action: Notification - Fee Title Owners Notice
Action Date: 5/4/2017
Received Issue Date: 5/4/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6318996&temptable=ENFORCEMENT
Title Description Comments:

Property Owner Notification of Proposed No Further Action

Action Type: Notices
Action: Notification - Public Notice of Case Closure
Action Date: 5/2/2017
Received Issue Date: 5/2/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6318641&temptable=ENFORCEMENT
Title Description Comments:

Public Notice of NFA

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/11/2017
Received Issue Date: 4/11/2017
Doc Link:
Title Description Comments:

update LTCP checklist

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/10/2017
Received Issue Date: 4/10/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6316777&temptable=ENFORCEMENT
Title Description Comments:

email to consultant RE: site meets LTCP criteria for site closure.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/27/2016
Received Issue Date: 6/27/2016
Doc Link:
Title Description Comments:

Update LTCP Checklist and Path to Closure

Action Type: Response Requested - Workplans
Action: Well Installation Workplan - Regulator Responded
Action Date: 6/14/2016
Received Issue Date: 6/14/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399063&doc_id=5892604
Title Description Comments:

Revised Workplan for Additional Well Installation approved

Action Type: Other Regulatory Actions
Action: File review
Action Date: 6/2/2016
Received Issue Date: 6/2/2016
Doc Link:
Title Description Comments:

review workplan, missing analytical task, emailed to consultant.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/25/2015
Received Issue Date: 6/25/2015
Doc Link:
Title Description Comments:

update LTCP Checklist and Path to Closure

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/14/2014
Received Issue Date: 11/14/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607399063&doc_id=5822028
Title Description Comments:

Complete Case Transfer from DEH to RWQCB

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 10/1/2014
Received Issue Date: 10/1/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6222834&temptable=ENFORCEMENT
Title Description Comments:

Transfer to RWQCB

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/21/2014
Received Issue Date: 7/21/2014
Doc Link:
Title Description Comments:

Discussion of Proposed Workplan with Consultant Consultant will submit work plan for installation of one monitoring well down-gradient of MW-2, and will keep me informed as to timeline for submission. Issue is funding for work.

Action Type: Notices
Action: Letter - Notice
Action Date: 6/11/2014
Received Issue Date: 6/11/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6206922&temptable=ENFORCEMENT
Title Description Comments:

Past Due Notice

Action Type: Other Regulatory Actions
Action: Site Visit / Inspection / Sampling
Action Date: 6/3/2014
Received Issue Date: 6/3/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6205448&temptable=ENFORCEMENT
Title Description Comments:

Site Visit

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/3/2014
Received Issue Date: 6/3/2014
Doc Link:
Title Description Comments:

E-mail to RP and consultant requesting status and date when workplan will be submitted.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/14/2014
Received Issue Date: 4/14/2014
Doc Link:
Title Description Comments:

E-mail to RP and consultant requesting status and date when workplan will be submitted.

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 3/3/2009 ***Submitted By:*** GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: B9 BORING LOG (B9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5655763924/T0607399063.PDF

Submitted: 3/3/2009 ***Submitted By:*** GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: B12 BORING LOG (B12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7306347072/T0607399063.PDF

Submitted: 3/3/2009 ***Submitted By:*** GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: B8 BORING LOG (B8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8288531243/T0607399063.PDF

Submitted: 3/3/2009 ***Submitted By:*** GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: B11 BORING LOG (B11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8231445789/T0607399063.PDF

Submitted: 3/3/2009 ***Submitted By:*** GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: B6 BORING LOG (B6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8154503941/T0607399063.PDF

Submitted: 3/3/2009 **Submitted By:** GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: B5 BORING LOG (B5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3070980250/T0607399063.PDF

Submitted: 3/3/2009 **Submitted By:** GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: B10 BORING LOG (B10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6935179769/T0607399063.PDF

Submitted: 3/3/2009 **Submitted By:** GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: B7 BORING LOG (B7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4815917074/T0607399063.PDF

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents **Document Date:** 6/14/2016
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: CHARLES CHENG (REGULATOR)
Title: REVISED WORKPLAN FOR ADDITIONAL WELL INSTALLATION APPROVED - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&document_id=5892604

Document Type: Site Documents **Document Date:** 6/11/2014
Type: LETTER - NOTICE **Submitted:**
Submitted By: COLLEEN HINES (REGULATOR)
Title: PAST DUE NOTICE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6206922

Document Type: Site Documents **Document Date:** 8/31/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: NASSER SIONIT (REGULATOR)
Title: ELECTRONIC CORRESPONDENCE WITH RP ABOUT CASE STATUS.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6029002

Document Type: Site Documents **Document Date:** 7/28/2008
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KATHY L. DENK (REGULATOR)
Title: WORKPLAN -- 7-28-08 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=5991866

Document Type: Site Documents **Document Date:** 5/4/2017
Type: NOTIFICATION - FEE TITLE OWNERS NOTICE **Submitted:**
Submitted By: CHARLES CHENG (REGULATOR)
Title: PROPERTY OWNER NOTIFICATION OF PROPOSED NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6318996

Document Type: Site Documents **Document Date:** 4/10/2017
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: CHARLES CHENG (REGULATOR)
Title: EMAIL TO CONSULTANT RE: SITE MEETS LTCP CRITERIA FOR SITE CLOSURE.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6316777

Document Type: Site Documents **Document Date:** 12/16/2008
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Submitted By: GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: SOIL AND GW SAMPLING AND ANALYSIS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8246926426/T0607399063.PDF

Document Type: Site Documents **Document Date:** 6/15/2011
Type: STAFF LETTER **Submitted:**
Submitted By: ELLEN BEACON (REGULATOR)
Title: PAST DUE NOTICE - SECOND **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6089536

Document Type: Site Documents **Document Date:** 10/29/2008
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KATHY L. DENK (REGULATOR)
Title: WORKPLAN -- 10-29-08 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=5991865

Document Type: Monitoring Reports **Document Date:** 2/23/2017
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: FOURTH QUARTER - 2016 GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9096869111/T0607399063.PDF

Document Type: Site Documents **Document Date:** 6/3/2014
Type: SITE VISIT / INSPECTION / SAMPLING **Submitted:**
Submitted By: COLLEEN HINES (REGULATOR)
Title: SITE VISIT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6205448

Document Type: Site Documents **Document Date:** 6/26/2012
Type: SITE CONCEPTUAL MODEL **Submitted:**
Submitted By: GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: SITE CONCEPTUAL MODEL **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2106946587/T0607399063.PDF

Document Type: Site Documents **Document Date:** 7/9/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: NASSER SIONIT (REGULATOR)
Title: GW MONITORING REDUCTION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6024088

Document Type: Site Documents **Document Date:** 3/24/2009
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KATHY L. DENK (REGULATOR)
Title: REPORT -- 3-24-09 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6007565

Document Type: Site Documents **Document Date:** 7/12/2017
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: CHARLES CHENG (REGULATOR)
Title: NFA LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6326302

Document Type: Site Documents **Document Date:** 6/3/2016
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: WORKPLAN FOR ADDITIONAL WELL INSTALLATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8487314581/T0607399063.PDF

Document Type: Site Documents **Document Date:** 11/14/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: COMPLETE CASE TRANSFER FROM DEH TO RWQCB - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&document_id=5822028

Document Type: Site Documents **Document Date:** 9/21/2011
Type: STAFF LETTER **Submitted:**
Submitted By: ELLEN BEACON (REGULATOR)
Title: PAST DUE NOTICE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6098992

Document Type: Site Documents **Document Date:** 10/1/2014
Type: REFERRAL TO REGIONAL BOARD **Submitted:**

Submitted By: LAURIE APECECHEA (REGULATOR)
Title: TRANSFER TO RWQCB **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6222834

Document Type: Site Documents ***Document Date:*** 5/14/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: COLLEEN HINES (REGULATOR)
Title: RESPONSE TO SITE CONCEPTUAL MODEL **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6158884

Document Type: Site Documents ***Document Date:*** 5/19/2011
Type: STAFF LETTER ***Submitted:***
Submitted By: ELLEN BEACON (REGULATOR)
Title: PAST DUE NOTICE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6087228

Document Type: Site Documents ***Document Date:*** 11/30/2010
Type: STAFF LETTER ***Submitted:***
Submitted By: NASSER SIONIT (REGULATOR)
Title: WELL INSTALLATION REPORT DECLINED.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6070539

Document Type: Site Documents ***Document Date:*** 10/24/2017*
Type: CLOSURE DOCUMENTS - NFA REQUESTS ***Submitted:***
Submitted By: GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: CLOSURE LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3081442475/T0607399063.PDF

Document Type: Site Documents ***Document Date:*** 5/2/2017
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE ***Submitted:***
Submitted By: CHARLES CHENG (REGULATOR)
Title: PUBLIC NOTICE OF NFA **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6318641

Document Type: Site Documents ***Document Date:*** 10/6/2016*
Type: WELL INSTALLATION REPORT ***Submitted:***
Submitted By: GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: ADDITIONAL WELL INSTALLATION AND THIRD QUARTER - 2016 GROUNDWATER MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3914068818/T0607399063.PDF

Document Type: Site Documents ***Document Date:*** 12/2/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: COLLEEN HINES (REGULATOR)
Title: DOCUMENT SUBMITTAL REQUIREMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607399063&enforcement_id=6184152

Document Type: Monitoring Reports ***Document Date:*** 11/7/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: GEOCON CONSULTANTS, INC. (AUTH_RP)
Title: GW SAMPLING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1713475108/T0607399063.PDF

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Identifier: T10000008489
Project Name: Chula Vista City Public Works
Status: COMPLETED - CASE CLOSED
Address: 707 F Street
City: CHULA VISTA
Association: Related Global ID
Description: Former TPCA Case
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000008489

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	12 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID:	DEH2002-HUPFP-104568	**GIS Record ID:**	DEH2002-HUPFP-104568
Facility Name:		**GIS Facility City:**	CHULA VISTA
Facility City:		**GIS Facility ZipCode:**	91910
Facility ZipCode:		**GIS Fac Latitude:**	32.6374065
Facility Latitude:		**GIS Fac Longitude:**	-117.0973574
Facility Longitude:			
Facility Address:			
GIS Facility Name:	CHULA VISTA CITY PUBLIC WORKS		
GIS Facility Address:	707 F ST, CHULA VISTA, CA 91910		
Tank Owner Name:			

HMD Permits Map Data

GIS Facility ID:		**Status:**	
GIS CERS ID:		**ER Contact:**	
GIS Record Type:	LUEG-DEH/HMD/UPFP/Facility	**ER Con Work Ph:**	
Per Type:		**Census Tract:**	
Per Sub Type:		**Parcel Zip:**	
Per Cat:		**Community:**	
Record Status:	Completed	**Jurisdiction:**	
HW Tier:		**Basin No:**	
LRG QTY MW Gener:		**BOS Dist:**	
EPA ID No:		**Tbpg Grid:**	
RMP CAL ARP:		**Insp Dist:**	
Tank Owner:		**Feature ID:**	5670312700
SIC Code:		**X Coord:**	6300767.057
NAICS Code:		**Y Coord:**	1812815.188
Disclose Qty Haz Mat:		**Kiva Per Typ:**	HK07 104568
Exp Date:		**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6300767.05713
UST Facility:		**Point Y:**	1812815.188
Total No USTs:	2	**Lat GS84:**	32.6374065
No of Tanks:		**Lon GS84:**	-117.0973574
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	Yes	**Side:**	
Recycle100:		**X Map Coord:**	-117.09747034778415
Onsite Haz Waste Tre:		**Y Map Coord:**	32.637561885424766
RCRA LRG Qty:		**User Fld:**	
Haz Wst Coll Site:		**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:		**ARC City:**	
Toxic Gas:		**ARC Zipcode:**	
Hazmat EHS:		**ARC State:**	
Hazmat Rad:		**ARC APN:**	
Haz Waste Rad:		**Zip:**	
Haz Waste EHS:		**Farm Nursery:**	
Full Name:		**Indian or Territory:**	
Email Perm:		**County ID:**	
Phone Perm:		**Bill Code 2:**	
Site Address:		**Bill Code 3:**	
Parcel No:	567-031-27-00	**Univ Waste Gen Type:**	
Record Ali:	Unified Program Facility Permit		
Address:	707 F ST		
Business Type:	Contractors-Street, Painting, Roofers, Building		
Bill Code:			
ER Con Name:			
ER Con Title:			
Water Purv:			
Fire Agency:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Geo SRC: Mapped to record APN/parcel center XY
Match Addr:
Hirt Flag:
Frhmbp Report Filename:
Frhmbp Sitemap Filename:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	13 of 25	N	0.23 / 1,216.83	39.60 / 21	COMMUNITY TRANSIT SERVICE 707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID: DEH2002-HUPFP-119710
Facility Name:
Facility City:
Facility ZipCode:
Facility Latitude:
Facility Longitude:
Facility Address:
GIS Facility Name: COMMUNITY TRANSIT SERVICE
GIS Facility Address: 707 F ST, CHULA VISTA, CA 91910
Tank Owner Name:

GIS Record ID: DEH2002-HUPFP-119710
GIS Facility City: CHULA VISTA
GIS Facility ZipCode: 91910
GIS Fac Latitude: 32.6374065
GIS Fac Longitude: -117.0973574

HMD Permits Map Data

GIS Facility ID:
GIS CERS ID:
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility
Per Type:
Per Sub Type:
Per Cat:
Record Status: Completed
HW Tier:
LRG QTY MW Gener:
EPA ID No:
RMP CAL ARP:
Tank Owner:
SIC Code:
NAICS Code:
Disclose Qty Haz Mat:
Exp Date:
Own/Operate USTs :
UST Facility:
Total No USTs:
No of Tanks:
Own Oper APS: N
Tot APSA Cap: 0
Capacity LR:
Haz Waste G: Yes
Recycle100:
Onsite Haz Waste Tre:
RCRA LRG Qty:
Haz Wst Coll Site:
Accept Offs:
Universal Waste Han:
Toxic Gas:
Hazmat EHS:
Hazmat Rad:
Haz Waste Rad:
Haz Waste EHS:
Full Name:
Email Perm:
Phone Perm:
Site Address:
Parcel No: 567-031-27-00
Record Ali: Unified Program Facility Permit
Address: 707 F ST
Business Type:
Bill Code:

Status:
ER Contact:
ER Con Work Ph:
Census Tract:
Parcel Zip:
Community:
Jurisdiction:
Basin No:
BOS Dist:
Tbpg Grid:
Insp Dist:
Feature ID: 5670312700
X Coord: 6300767.057
Y Coord: 1812815.188
Kiva Per Typ: HK07 119710
Agency Name: COSD
Point X: 6300767.05713
Point Y: 1812815.188
Lat GS84: 32.6374065
Lon GS84: -117.0973574
Loc Name:
Score:
Match Type:
Side:
X Map Coord: -117.09747034778415
Y Map Coord: 32.637561885424766
User Fld:
Addr Type:
ARC Address:
ARC City:
ARC Zipcode:
ARC State:
ARC APN:
Zip:
Farm Nursery:
Indian or Territory:
County ID:
Bill Code 2:
Bill Code 3:
Univ Waste Gen Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ER Con Name:
ER Con Title:
Water Purv:
Fire Agency:
Geo SRC: Mapped to record APN/parcel center XY
Match Addr:
Hirt Flag:
Frhmbp Report Filename:
Frhmbp Sitemap Filename:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	14 of 25	N	0.23 / 1,216.83	39.60 / 21	PENSKE TRUCK LEASING 707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID: DEH2002-HUPFP-102669
Facility Name:
Facility City:
Facility ZipCode:
Facility Latitude:
Facility Longitude:
Facility Address:
GIS Facility Name: PENSKE TRUCK LEASING
GIS Facility Address: 707 F ST, CHULA VISTA, CA 91910
Tank Owner Name:

GIS Record ID: DEH2002-HUPFP-102669
GIS Facility City: CHULA VISTA
GIS Facility ZipCode: 91910
GIS Fac Latitude: 32.6374065
GIS Fac Longitude: -117.0973574

HMD Permits Map Data

GIS Facility ID:
GIS CERS ID:
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility
Per Type:
Per Sub Type:
Per Cat:
Record Status: Completed
HW Tier:
LRG QTY MW Gener:
EPA ID No:
RMP CAL ARP:
Tank Owner:
SIC Code:
NAICS Code:
Disclose Qty Haz Mat:
Exp Date:
Own/Operate USTs :
UST Facility:
Total No USTs:
No of Tanks:
Own Oper APS: N
Tot APSA Cap: 0
Capacity LR:
Haz Waste G: Yes
Recycle100:
Onsite Haz Waste Tre:
RCRA LRG Qty:
Haz Wst Coll Site:
Accept Offs:
Universal Waste Han:
Toxic Gas:
Hazmat EHS:
Hazmat Rad:
Haz Waste Rad:
Haz Waste EHS:
Full Name:
Email Perm:
Phone Perm:
Site Address:
Parcel No: 567-031-27-00

Status:
ER Contact:
ER Con Work Ph:
Census Tract:
Parcel Zip:
Community:
Jurisdiction:
Basin No:
BOS Dist:
Tbpg Grid:
Insp Dist:
Feature ID: 5670312700
X Coord: 6300767.057
Y Coord: 1812815.188
Kiva Per Typ: HK07 102669
Agency Name: COSD
Point X: 6300767.05713
Point Y: 1812815.188
Lat GS84: 32.6374065
Lon GS84: -117.0973574
Loc Name:
Score:
Match Type:
Side:
X Map Coord: -117.09747034778415
Y Map Coord: 32.637561885424766
User Fld:
Addr Type:
ARC Address:
ARC City:
ARC Zipcode:
ARC State:
ARC APN:
Zip:
Farm Nursery:
Indian or Territory:
County ID:
Bill Code 2:
Bill Code 3:
Univ Waste Gen Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Ali: Unified Program Facility Permit
Address: 707 F ST
Business Type: Auto Repair, General - Waste USTs Only
Bill Code:
ER Con Name:
ER Con Title:
Water Purv:
Fire Agency:
Geo SRC: Mapped to record APN/parcel center XY
Match Addr:
Hirt Flag:
Frhmbp Report Filename:
Frhmbp Sitemap Filename:

44	15 of 25	N	0.23 / 1,216.83	39.60 / 21	PUBLIC WORKS/EQUIP MAINTENANCE 707 F STREET CHULA VISTA CA 92010	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002af01.pdf

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44	16 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F STREET CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T10000008489
County: SAN DIEGO
Status Date: 10/10/1997
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 32.63677
Longitude: -117.09719

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 15-02N89.02
Local Case No:
Begin Date: 12/29/1987
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Trichloroethylene (TCE), Chromium, Chromium VI, Lead, Other Metal
How Discovered:
Stop Method:
Stop Description:
Case Worker:
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 1997-10-10 00:00:00
Potential Media of Concern: Other Groundwater (uses other than drinking water), Soil
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source:
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%

File Location: Regional Board
Site History:

Former Toxic Pits Cleanup Act (TPCA) case.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 1987-12-29 00:00:00

Status: Completed - Case Closed
Status Date: 1997-10-10 00:00:00

Status: Open - Case Begin Date
Status Date: 1987-12-29 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000008489
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/10/1997
Potential COC: CHROMIUM, CHROMIUM VI, LEAD, OTHER CHLORINATED HYDROCARBONS, OTHER METAL, OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON, TRICHLOROETHYLENE (TCE)
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 15-02N89.02
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000008489&tabname=regulatoryhistory
Site History:

Former Toxic Pits Cleanup Act (TPCA) case.

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Site Assessment
Date: 12/29/1987

Status: Completed - Case Closed
Date: 10/10/1997

Status: Open - Case Begin Date
Date: 12/29/1987

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Description:
Identifier: T0607399063
Project Name: CHULA VISTA CITY PUBLIC WORKS
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607399063
Address: 707 F ST
City: CHULA VISTA
Status: COMPLETED - CASE CLOSED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	17 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T0607302137
Record ID: DEH1994-LSAM-H04568-002
Record Status: Completed
Opened Date: 11/8/1994
Case Type: LOP - Local Oversight Program
Historical Name: CITY OF CHULA VISTA
Lead Agency: DEH/SAM
Lead Agency Date: 1/3/1994
Funding: F - LOP Federal Fund
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CLOSED OR TRANSFERRED LOP CASES

Parcel No: 567-031-27-00
Census Tract: 125.02
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6374065
Longitude GS 84: -117.0973574
X Map Coord: 6300767.057
Y Map Coord: 1812815.188

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	18 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T06019774117
Record ID: DEH2004-LSAM-H04568-005
Record Status: Completed
Opened Date: 11/24/2004
Case Type: LOP - Local Oversight Program
Historical Name: CHULA VISTA CITY YARD
Lead Agency: DEH/SAM
Lead Agency Date: 11/30/2004
Funding: S - LOP State Fund
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CLOSED OR TRANSFERRED LOP CASES

Parcel No: 567-031-27-00
Census Tract: 125.02
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6374065
Longitude GS 84: -117.0973574
X Map Coord: 6300767.057
Y Map Coord: 1812815.188

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	19 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T0607399063
Record ID: DEH1999-LSAM-H04568-003
Record Status: Completed
Opened Date: 12/2/1999
Case Type: LOP - Local Oversight Program
Historical Name: CITY OF CHULA VISTA
Lead Agency: RWQCB
Lead Agency Date: 9/26/2014
Funding: S - LOP State Fund
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CLOSED OR TRANSFERRED LOP CASES

Parcel No: 567-031-27-00
Census Tract: 125.02
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6374065
Longitude GS 84: -117.0973574
X Map Coord: 6300767.057
Y Map Coord: 1812815.188

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	20 of 25	N	0.23 / 1,216.83	39.60 / 21	PUBLIC WORKS/EQUIP. MAINTENANC 707 F STREET CHULA VISTA CA	HIST TANK

Owner Name: CITY OF CHULA VISTA
Owner Street: 707 F STREET
Owner City: CHULA VISTA
Owner State: CA
Owner Zip: 92010
No of Containers: 8
County: SAN DIEGO
Facility State: CA
Facility Zip: 92010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	21 of 25	N	0.23 / 1,216.83	39.60 / 21	CITY OF CHULA VISTA 707 F STREET CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC003070628
Gen Status Universe: No Report
Contact Name: JONATHAN SALSMAN
Contact Address: 1800 MAXWELL ROAD, CHULA VISTA, CA, 91911,
Contact Phone No and Ext: 619-397-6115
Contact Email: JSALSMAN@CHULAVISTACA.GOV
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20200612
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200612
Handler Name: CITY OF CHULA VISTA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	276 FOURTH AVENUE
Name:	CITY OF CHULA VISTA	**Street 2:**	
Date Became Current:		**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-585-5766	**Country:**	
Source Type:	Implementer	**Zip Code:**	91911
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1800 MAXWELL ROAD
Name:	JONATHAN SALSMAN	**Street 2:**	
Date Became Current:		**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-397-6115	**Country:**	
Source Type:	Implementer	**Zip Code:**	91911

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	22 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST CHULA VISTA CA	UST SWEEPS

C C:	A37-000-4568	**D Filename:**	SITE02A
BOE:	44-022065	**Page No:**	53
Comp:	4568	**County:**	SAN DIEGO
Status:	ACTIVE	**State :**	CA
No of Tanks:	3	**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	32.637405
Agency:	SAN DIEGO COUNTY - U.S.T.	**Longitude:**	-117.093979
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000005	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-004568-000005	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	LEADED
Capac:	10000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000006	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-004568-000006	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	OTHER
Capac:	10000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-004568-000001	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	23 of 25	N	0.23 / 1,216.83	39.60 / 21	CHULA VISTA CITY PUBLIC WORKS 707 F ST CHULA VISTA CA	UST SWEEPS

C C:	I37-000-4568	**D Filename:**	NSITE1
BOE:	44-022065	**Page No:**	225
Comp:	4568	**County:**	SAN DIEGO
Status:	INACTIVE	**State :**	CA
No of Tanks:	3	**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	32.637405
Agency:	SAN DIEGO COUNTY - U.S.T.	**Longitude:**	-117.093979
Phone:	( ) 691-5027	**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000002	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-004568-000002	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-65-01	**P Contain:**	OTHER
A Date:		**Content:**	OTHER
Capac:	550	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	NTANK1

Tank Details

Tank ID:	000003	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-004568-000003	**Storage :**	WASTE
Removed:		**Storag Type:**	WASTE
Installed:	01-65-01	**P Contain:**	OTHER
A Date:		**Content:**	
Capac:	1000	**ONA:**	
Tank Use:	PETROLEUM	**D File Name:**	NTANK1

Tank Details

Tank ID:	000004	**S Contain:**	SINGLE & LINER
O Tank ID:		**Stg:**	
SWRCB No:	37-000-004568-000004	**Storage :**	PRODUCT
Removed:		**Storag Type:**	PRODUCT
Installed:	01-65-01	**P Contain:**	OTHER
A Date:		**Content:**	
Capac:	550	**ONA:**	
Tank Use:	UNKNOWN	**D File Name:**	NTANK1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	24 of 25	N	0.23 / 1,216.83	39.60 / 21	BLUE PACIFIC ENGINEERING & CONSTRUCTION 707 F ST CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAL000466398
Gen Status Universe:	No Report
Contact Name:	RICHARD SALINAS
Contact Address:	707 F ST, CHULA VISTA, CA, 91910,
Contact Phone No and Ext:	619-977-2615
Contact Email:	
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20211025
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20211025
Handler Name:	BLUE PACIFIC ENGINEERING & CONSTRUCTION
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	707 F ST
Name:	RICHARD SALINAS	***Street 2:***	
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-977-2615	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	3545 CAMINO DEL RIO S STE A
Name:	SHAHRAM ELIHU	***Street 2:***	
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	858-956-1456	***Country:***	
Source Type:	Implementer	***Zip Code:***	92108

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	25 of 25	N	0.23 / 1,216.83	39.60 / 21	***CHULA VISTA,CITY OF, PUB WORKS 707 F ST CHULA VISTA CA 91910***	WMUD

Wmu ID No:	9 000002N89	***Npid:***	
Wds ID No:	9 000002N89	***Rptf:***	Q
Swis ID No:		***Sic1:***	7535
Reg ID No:		***Sic2:***	
Edit Date:		***Swat Anms:***	
Last Edit:		***Swat Fnms:***	
Region:	9	***Atyp:***	CI

County:	37	**Anms:**	CHULA VISTA, CITY OF
Wds:	TRUE	**Adep:**	
Msw:		**A Street:**	276 4TH AVE
Superorder:		**A City:**	CHULA VISTA CA
Sc15:	TRUE	**A Zip:**	91910
Swat:	FALSE	**A County:**	CLIFFORD SWANSON
Tpca:	FALSE	**Afon:**	6196915021
Rcra:	TRUE	**Lnms:**	
Dod:		**Ldep:**	
Rbpo:	JPA	**L Street:**	
Openpub:		**L City:**	
Waste List:		**L State:**	
Tot Wmus:	1	**L Zip:**	
Secrange:		**L County:**	
Basemer:		**Lfon:**	
Fcnt:		**Ttwq:**	
Fdep:		**Toxi:**	N
F State:	CA	**Cplx:**	
Ffon:		**Wdrs:**	H
Ftyp:	MUN	**Wtp1:**	HCNSOIL
Tonnage:		**Wtp2:**	HCNWTRS
Fac Comment:			

WMU Details

Wmu ID:	9 000002N89-01	**G Monitor:**	FALSE
Edit Date:		**S Monitor:**	FALSE
Last Edit:		**V Monitor:**	FALSE
Wmu Type:	SURF. IMP.	**G Back:**	0
Wmu Name:	CITY OF CHULA VISTA	**S Back:**	0
Wmustatus:		**V Back:**	0
Wmu Size:		**G Nonback:**	0
Listed:		**S Nonback:**	0
Printed:		**V Nonback:**	0
Msw:	FALSE	**G Date:**	
Superorder:		**S Date:**	
Sc15:	TRUE	**V Date:**	
Swat:	FALSE	**Perm Test:**	
Tpca:	FALSE	**Gw Depth:**	0
Rcra:	TRUE	**Precip:**	0
Dod:	FALSE	**Site Alt:**	FALSE
Old Class:		**Site Alta:**	FALSE
Old Waste:		**Line Alt:**	FALSE
Old First:		**Line Alta:**	FALSE
New Class:		**Lcrs Alt:**	FALSE
New Waste:		**Lcrs Alta:**	FALSE
New First:		**Composite:**	
Stat Date:		**Line Des:**	FALSE
Cap Year:		**Liner1:**	FALSE
Closeplan:	FALSE	**Line1 Type:**	
Township:		**Liner2:**	FALSE
Fault Name:	UNKNOWN	**Line2 Type:**	
Fault Distance:		**Liner3:**	FALSE
Withquake:	FALSE	**Line3 Type:**	
Type Op:			
Gen Com1:			
Gen Com2:			
Gen Com3:			
Gen Com4:			
Formation:	UNKNOWN		
Form Type:	UNKNOWN		
Form Permit:	UNKNOWN		
Form Com1:			
Form Com2:			
Form Com3:			
Form Com4:			
Liner Com:			
Lcrs:	FALSE		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lcrs Type:						
Lcrs Des:		FALSE				
Cons Com1:						
Cons Com2:						
Cons Com3:						
Cons Com4:						
45	1 of 1	E	0.23 / 1,229.32	29.15 / 11	VISTAN APTS. 460 OAKLAWN AVENUE #G CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC002986948
Gen Status Universe: No Report
Contact Name: SAPPHRINA SANCHEZ
Contact Address: 460 OAKLAWN AVENUE #G, CHULA VISTA, CA, 91910,
Contact Phone No and Ext: 619-422-5304
Contact Email: SOCALREMEDIATION@GMAIL.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20181029
Location Latitude: 32.631409
Location Longitude: -117.093045

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181029
Handler Name: VISTAN APTS.
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: SHAPPHRINA SANCHEZ
Date Became Current:
Street No:
Street 1: 460 OAKLAWN AVENUE #G
Street 2:
City: CHULA VISTA

Date Ended Current:		**State:**	CA
Phone:	619-422-5304	**Country:**	
Source Type:	Implementer	**Zip Code:**	91910
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	460 OAKLAWN AVENUE #G
Name:	SAPPHRINA SANCHEZ	**Street 2:**	
Date Became Current:		**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-422-5304	**Country:**	
Source Type:	Implementer	**Zip Code:**	91910

46 **1 of 1** **SSW** **0.24 / 1,248.71** **7.80 / -11** **CA** ***PFAS GW***

Well ID:	SL209294204-PMW123(A)	**SRS Latitude:**	32.625899799999999
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.0997129
Gm Data Source:	GeoTracker	**Latitude:**	32.625899799999999
Gm Well Category:	MONITORING	**Longitude:**	-117.0997129
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW123(A)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		

Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	14.65
Gm Screen Bottom Depth Ft:	24.65
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1015
SRC Screen Top Depth Ft:	14.65
SRC Screen Bottom Depth Ft:	24.65
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	3.4
Gm Reporting Limit:	3.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	23	**SRC Result:**	23
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	1.6	***SRC Result:***	1.6
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	2.2
Gm Reporting Limit:	2.2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	1.1	***SRC Result:***	1.1
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	3.4
Gm Reporting Limit:	3.4	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	17	***SRC Result:***	17
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	61	**SRC Result:**	61
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 3.4
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI
SRC Chemical: MEFOSE
SRC Result: 1.1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 12
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:
SRC Chemical: PFNA
SRC Result: 12
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 5.6
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI
SRC Chemical: 10:2FTS
SRC Result: 1.1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 5.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	3.4
Gm Reporting Limit:	3.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	3.2	**SRC Result:**	3.2
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	1.8	**SRC Result:**	1.8
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		

Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 2.5
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:
SRC Chemical: PFNDCA
SRC Result: 2.5
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 64
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:
SRC Chemical: PFOA
SRC Result: 64
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 130
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 2.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: MB,CI
SRC Chemical: PFOS
SRC Result: 130
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	30	***SRC Result:***	30
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.56	***SRC Result:***	.56
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	2.2
Gm Reporting Limit:	2.2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	2.3	***SRC Result:***	2.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	19	**SRC Result:**	19
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	15	**SRC Result:**	15
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 3.2
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:
SRC Chemical: PFBSA
SRC Result: 3.2
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:
SRC Chemical: PFUNDCA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .56
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 3.4
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI
SRC Chemical: NETFOSAA
SRC Result: .56
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	32	**SRC Result:**	32
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	5.6
Gm Reporting Limit:	5.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	3.4
Gm Reporting Limit:	3.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		

Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	14.65
Gm Screen Bottom Depth Ft:	24.65
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1015
SRC Screen Top Depth Ft:	14.65
SRC Screen Bottom Depth Ft:	24.65
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	14.65
Gm Screen Bottom Depth Ft:	24.65
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1015
SRC Screen Top Depth Ft:	14.65
SRC Screen Bottom Depth Ft:	24.65
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.67	**SRC Result:**	.67
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	14.65
Gm Screen Bottom Depth Ft:	24.65
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1015
SRC Screen Top Depth Ft:	14.65
SRC Screen Bottom Depth Ft:	24.65
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorooctane sulfonamide
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	14.65
Gm Screen Bottom Depth Ft:	24.65
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1015
SRC Screen Top Depth Ft:	14.65
SRC Screen Bottom Depth Ft:	24.65
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.56	***SRC Result:***	.56
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	2.2
Gm Reporting Limit:	2.2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOS
Gm Result:	120	***SRC Result:***	120
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	MB		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	12	***SRC Result:***	12
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	2.2
Gm Reporting Limit:	2.2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	LR,RB		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	3.4
Gm Reporting Limit:	3.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .56
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 2.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI

SRC Chemical: PFTEDA
SRC Result: .56
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:

SRC Chemical: PFPES
SRC Result: 2.7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 14
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 2.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI

SRC Chemical: PFHPA
SRC Result: 14
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	21	**SRC Result:**	21
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	5.6
Gm Reporting Limit:	5.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		

Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	2.6	***SRC Result:***	2.6
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	2.2
Gm Reporting Limit:	2.2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	1.1	***SRC Result:***	1.1
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	3.4
Gm Reporting Limit:	3.4	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: LR,CI

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.56	***SRC Result:***	.56
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	2.2
Gm Reporting Limit:	2.2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSA	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.56	***SRC Result:***	.56
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	2.2
Gm Reporting Limit:	2.2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.58	***SRC Result:***	.58
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFNA
Gm Result:	10	***SRC Result:***	10
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	2.2	**SRC Result:**	2.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	5.6
Gm Reporting Limit:	5.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1015		
SRC Screen Top Depth Ft:	14.65		
SRC Screen Bottom Depth Ft:	24.65		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	14.65		
Gm Screen Bottom Depth Ft:	24.65		
SRC Samp Collection Date:	01/13/2022		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:

SRC Chemical: 4:2FTS
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 37
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:

SRC Chemical: PFHXSA
SRC Result: 37
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 14.65
Gm Screen Bottom Depth Ft: 24.65
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1015
SRC Screen Top Depth Ft: 14.65
SRC Screen Bottom Depth Ft: 24.65
SRC Lab Note:

SRC Chemical: ADONA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

47	*1 of 1*	*ESE*	*0.24 / 1,250.01*	*25.52 / 7*	***WOODLAWN GARDENS APTS. 545 WOODLAWN AVE. #30***	***RCRA NON GEN***

EPA Handler ID: CAC003163372
Gen Status Universe: No Report
Contact Name: PACIFICA WOODLAWN LP.
Contact Address: 1775 HANCOCK ST., #200, SAN DIEGO, CA, 92110,
Contact Phone No and Ext: 619-476-9933
Contact Email: BKAPLAN@PACIFICACOMPANIES.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20220223
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220223
Handler Name: WOODLAWN GARDENS APTS.
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: PACIFICA WOODLAWN LP.
Date Became Current:
Date Ended Current:
Phone: 619-476-9933
Source Type: Implementer
Street No:
Street 1: 1775 HANDCOCK ST.
Street 2: #200
City: SAN DIEGO
State: CA
Country:
Zip Code: 92110

Owner/Operator Ind: Current Operator
Type: Other
Name: PACIFICA WOODLAWN LP.
Date Became Current:
Date Ended Current:
Phone: 619-476-9933
Street No:
Street 1: 1775 HANCOCK ST.
Street 2: #200
City: SAN DIEGO
State: CA
Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type: Implementer **Zip Code:** 92110

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48 **1 of 1** **ESE** **0.24 / 1,253.95** **26.61 / 8**

CAL-GREEN EXPRESS TRANSPORT
692 H ST
CHULA VISTA CA 91910

INSP
COMP ENF

EPA ID: 3004912 **County:** SAN DIEGO
Geotracker Address: **Geotracker Lat:**
Geotracker City: **Geotracker Long:**
Report URL: https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report?global_id=3004912

Inspection Information

Inspection Type: Compliance Evaluation Inspection - Transporter
Violations: Class 1, Class 2
Inspection Date: 5/19/2022
Return to Compliance: 5/19/2022
Report Sent Date: 10/4/2022

Site Details (Download)

Envirostor ID: 3004912 **Address:**
Site Type: INSPECTION **City:**
Status: No Action **Zip:**
County:
Project Name:

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49 **1 of 1** **SSW** **0.24 / 1,254.84** **8.54 / -10**

CA

PFAS GW

Well ID: SL209294204-PMW123(UB) **SRS Latitude:** 32.625892800000003
Gm Dataset Name: WB_CLEANUP **SRS Longitude:** -117.09973720000001
Gm Data Source: GeoTracker **Latitude:** 32.625892800000003
Gm Well Category: MONITORING **Longitude:** -117.09973720000001
SRS Datum: NAD83
Gm Altwell Id1: PMW123(UB)
Gm Altwell Id2:
Gm Altwell Id3:

Well Details

Gm Cas No: **SRC Chemical:** MEFOSE
Gm Result: .99 **SRC Result:** .99
Gm Result Modifier: < **SRC Result Modifie:** <
Gm Result Units: NG/L **SRC Result Units:** NG/L
Gm Chemical Vvl: MEFOSE **SRC Report Limit:** 3
Gm Reporting Limit: 3 **SRC Analytic Meth:** QSMPFAS
Gm Well Depth Ft: **SRC Well Depth Ft:**
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI

Well Details

Gm Cas No: **SRC Chemical:** PFNA

Gm Result:	.98	**SRC Result:**	.98
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	5	**SRC Result:**	5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		

Gm Screen Top Depth Ft:	39.25
Gm Screen Bottom Depth Ft:	49.25
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1130
SRC Screen Top Depth Ft:	39.25
SRC Screen Bottom Depth Ft:	49.25
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	4.3	**SRC Result:**	4.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoropentanoicacid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	39.25
Gm Screen Bottom Depth Ft:	49.25
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1130
SRC Screen Top Depth Ft:	39.25
SRC Screen Bottom Depth Ft:	49.25
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	3.9	**SRC Result:**	3.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorobutanesulfonic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	39.25
Gm Screen Bottom Depth Ft:	49.25
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1130
SRC Screen Top Depth Ft:	39.25
SRC Screen Bottom Depth Ft:	49.25
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoropentanesulfonoicacid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	39.25
Gm Screen Bottom Depth Ft:	49.25
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1130
SRC Screen Top Depth Ft:	39.25
SRC Screen Bottom Depth Ft:	49.25
SRC Lab Note:	J,DX,CI

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	.99	***SRC Result:***	.99
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.99	***SRC Result:***	.99
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	2.4	**SRC Result:**	2.4
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		

SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 9.3
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: LN,AY,CI
SRC Chemical: PFBTA
SRC Result: 9.3
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 4.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .99
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI
SRC Chemical: ETFOSA
SRC Result: .99
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .99
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI
SRC Chemical: ETFOSE
SRC Result: .99
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
SRC Chemical: 11ClPF3OUDS
SRC Result: .49

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	8.3	**SRC Result:**	8.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.59	**SRC Result:**	.59
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		

Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .67
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: J,DX,CI
SRC Chemical: PFNDCA
SRC Result: .67
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI
SRC Chemical: HFPA-DA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .99
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI
SRC Chemical: 8:2FTS
SRC Result: .99
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	2	**SRC Result:**	2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.9
Gm Reporting Limit:	4.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		
SRC Screen Bottom Depth Ft:	49.25		
SRC Lab Note:	LN,AY,RA,BA,AY,LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.25		
Gm Screen Bottom Depth Ft:	49.25		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	39.25		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 5.8
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI

SRC Chemical: PFHA
SRC Result: 5.8
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: CI

SRC Chemical: PFNS
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 14
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.25
Gm Screen Bottom Depth Ft: 49.25
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 39.25
SRC Screen Bottom Depth Ft: 49.25
SRC Lab Note: LN,AY,MB,CI

SRC Chemical: PFOS
SRC Result: 14
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

50	1 of 1	WSW	0.24 / 1,265.99	10.20 / -8	CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - Chula Vista Bayfront Development San Diego Bayfront	CLEANUP SITES

Chula Vista CA 91910

Global ID:	T10000010383	***Latitude:***	32.62978
County:	San Diego	***Longitude:***	-117.10229
Status Date:	5/10/2017		
Status:	Open - Assessment & Interim Remedial Action		
Site Facility Type:	Cleanup Program Site		
Data Source:	Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	4090005
Local Case No:	
Begin Date:	1/13/2013
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Local Agency:	
CUF Case:	NO
CalEnvScreen Score:	
EPA Region:	9
Qty Rlsd Gallons:	
Potential COC:	Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Trichloroethylene (TCE), Polychlorinated biphenyls (PCBs), Other Metal, Other Petroleum
How Discovered:	
Stop Method:	
Stop Description:	
Case Worker:	TCA
Military DoD Site:	No
Leak Reported Dt:	
No Further Action Dt:	
Potential Media of Concern:	Contaminated Surface / Structure, Other Groundwater (uses other than drinking water), Sediments, Soil, Soil Vapor, Under Investigation
How Discovered Description:	
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	Severely Disadvantaged Community
Coordinate Source:	
Discharge Cause:	
Discharge Source:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	76-80%
Calenviroscreen 4 Score:	80-85%
File Location:	All Files are on GeoTracker or in the Local Agency Database
Site History:	

General File for information relating to activities associated with the Chula Vista Bayfront Master Plan. Coastal area along eastern San Diego Bay from Sweetwater Parcels south to the former South Bay Power Plant site in Chula Vista.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Assessment & Interim Remedial Action
Status Date:	2017-05-10 00:00:00
Status:	Open - Active
Status Date:	2017-05-10 00:00:00
Status:	Open - Case Begin Date
Status Date:	2013-01-13 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	TOM ALO
Organization Name:	SAN DIEGO RWQCB (REGION 9)
Address:	2375 NORTHSIDE DRIVE, SUITE 100

City: SAN DIEGO
Email: tom.alo@waterboards.ca.gov
Phone No: 6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000010383
Cleanup Status Detail: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION AS OF 5/10/2017
Potential COC: DICHLOROETHENE (DCE), OTHER CHLORINATED HYDROCARBONS, OTHER METAL, OTHER PETROLEUM, POLYCHLORINATED BIPHENYLS (PCBS), TRICHLOROETHYLENE (TCE)
Potential Media of Concern: CONTAMINATED SURFACE / STRUCTURE, OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SEDIMENTS, SOIL, SOIL VAPOR, UNDER INVESTIGATION
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 4090005
CASEWORKER: TOM ALO
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000010383&tabname=regulatoryhistory
Site History:

General File for information relating to activities associated with the Chula Vista Bayfront Master Plan. Coastal area along eastern San Diego Bay from Sweetwater Parcels south to the former South Bay Power Plant site in Chula Vista.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/20/2017
Received Issue Date: 6/20/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6323793&temptable=ENFORCEMENT
Title Description Comments:

FY 2017-18 Annual Estimation Letter

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 1/13/2013
Received Issue Date: 1/13/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6319504&temptable=ENFORCEMENT
Title Description Comments:

Chula Vista Bayfront Cost Recovery Agreement

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/24/2022

Received Issue Date: 3/24/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6490439&temptable=ENFORCEMENT
Title Description Comments:

Chula Vista Bayfront Parcel H-3

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/24/2022
Received Issue Date: 3/24/2022
Doc Link:
Title Description Comments:

Chula Vista Bayfront Parcel H-3

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 12/26/2018
Received Issue Date: 12/26/2018
Doc Link:
Title Description Comments:

Demolition Oversight at Parcel H-3

Action Type: Notices
Action: Letter - Notice
Action Date: 10/31/2018
Received Issue Date: 10/31/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6374569&temptable=ENFORCEMENT
Title Description Comments:

State Board Invoicing Delay Fiscal Year 2018-19 Letter

Action Type: Other Regulatory Actions
Action: Verbal Communication
Action Date: 8/1/2018
Received Issue Date: 8/1/2018
Doc Link:
Title Description Comments:

8/1/18 Meeting Adam Meyer from the Port of SD indicated that developers for Parcel H3 (Convention Center) will break ground late summer/early fall of 2019.

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 7/2/2018
Received Issue Date: 7/2/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6364783&temptable=ENFORCEMENT
Title Description Comments:

Annual Estimation Letter

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 5/25/2018
Received Issue Date: 5/25/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000010383&doc_id=5966008
Title Description Comments:

Environmental Import Soil from Sierra Pacific Project to Chula Vista Bay Front

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 9/1/2017
Received Issue Date: 9/1/2017
Doc Link:
Title Description Comments:

8/15/17 Email to Paul Brown & Robert Kurkjian: As we discussed in yesterday's conference call, please modify the Exchange Parcel's concrete classification flow chart and include it in the H3 Management Plan. Also, revise the text so that it's clear that the concrete, asphalt, joint compound, and soil samples were evaluated using the revised flow chart. Please submit a redline version of the Management Plan to us by 5:00 pm on September 1, 2017.

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 5/25/2018
Type: TECHNICAL MEMOS ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: ENVIRONMENTAL IMPORT SOIL FROM SIERRA PACIFIC PROJECT TO CHULA VISTA BAY FRONT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&document_id=5966008

Document Type: Site Documents ***Document Date:*** 1/13/2013
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: CHULA VISTA BAYFRONT COST RECOVERY AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6319504

Document Type: Site Documents ***Document Date:*** 6/20/2017
Type: ANNUAL ESTIMATION LETTER ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: FY 2017-18 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6323793

Document Type: Site Documents ***Document Date:*** 10/31/2018
Type: LETTER - NOTICE ***Submitted:***
Submitted By: STEVE TEEL (REGULATOR)
Title: STATE BOARD INVOICING DELAY FISCAL YEAR 2018-19 LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6374569

Document Type: Site Documents ***Document Date:*** 3/24/2022
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: CHULA VISTA BAYFRONT PARCEL H-3
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6490439

Document Type: Site Documents ***Document Date:*** 7/2/2018
Type: ANNUAL ESTIMATION LETTER ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000010383&enforcement_id=6364783

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Assessment & Interim Remedial Action
Date: 5/10/2017

Status: Open - Case Begin Date
Date: 1/13/2013

Status: Open - Active
Date: 5/10/2017

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Association: Related Global ID
Description: Pacifica Exchange Parcels
Identifier: T10000004581
Project Name: CVBD - Pacifica Exchange Parcels (H-13, H-14, H-15, HP-5)
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004581
Address: Marina Parkway
City: CHULA VISTA
Status: OPEN - REMEDIATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
51	1 of 2	E	0.24 / 1,271.58	30.52 / 12	DAVID BECK 430 OAKLAWN AVE UNIT E CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC003112317
Gen Status Universe: No Report
Contact Name: DAVID BECK
Contact Address: 619 KETTNER BLVD, STE A, SAN DIEGO, CA, 92101,
Contact Phone No and Ext: 619-297-3801
Contact Email: DAVIDB@ESSELMANAGERINC.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20210329
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210329
Handler Name: DAVID BECK
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Street No:
Street 1: 619 KETTNER BLVD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	DAVID BECK	**Street 2:**	STE A
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-297-3801	**Country:**	
Source Type:	Implementer	**Zip Code:**	92101
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	619 KETTNER BLVD
Name:	DAVID BECK	**Street 2:**	SUITE A
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-297-3801	**Country:**	
Source Type:	Implementer	**Zip Code:**	92101

51	2 of 2	E	0.24 / 1,271.58	30.52 / 12	**VISTAN APARTMENTS** **430 OAKLAWN AVE UNIT B** **CHULA VISTA CA 91910**	**RCRA NON GEN**

EPA Handler ID:	CAC003185129
Gen Status Universe:	No Report
Contact Name:	VISTAN APARTMENTS
Contact Address:	430 OAKLAWN AVE, UNIT B, CHULA VISTA, CA, 91910,
Contact Phone No and Ext:	619-352-9352
Contact Email:	VICTORA@ESSELMANAGERINC.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20220713
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220713
Handler Name:	VISTAN APARTMENTS
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	430 OAKLAWN AVE
Name:	VISTAN APARTMENTS	***Street 2:***	UNIT B
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-352-9352	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	430 OAKLAWN AVE
Name:	VISTAN APARTMENTS	***Street 2:***	UNIT B
Date Became Current:		***City:***	CHULA VISTA
Date Ended Current:		***State:***	CA
Phone:	619-352-9352	***Country:***	
Source Type:	Implementer	***Zip Code:***	91910

52	*1 of 19*	*ESE*	*0.24 / 1,277.47*	*28.20 / 10*	***WORLD OIL MARKETING CO. #46*** ***685 H ST*** ***CHULA VISTA CA 91910***	***DELISTED TNK***

Delisted Storage Tanks

Facility ID:	H03739	***County:***	San Diego
Latitude:	32.6317168	***Original Source:***	UST
Longitude:	-117.091557	***Record Date:***	30-JAN-2017
Permitting Agency:	SAN DIEGO COUNTY		

52	*2 of 19*	*ESE*	*0.24 / 1,277.47*	*28.20 / 10*	***WORLD OIL MARKETING CO. #46*** ***685 H ST*** ***Chula Vista CA***	***SAM SANDIEGO***

Record ID:	DEH1995-LSAM-H03739-001	***BOS District:***	1
Record ID (DEH):	DEH1995-LSAM-H03739-001	***Lead Agency:***	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	***Lead Agcy Date:***	6/30/2013, 8:00 PM
ID:	3717	***Opened Date:***	9/17/1995, 8:00 PM
Object ID:	3713	***ThomasBros Map Gd:***	1310 A 7
SWRCB Global ID:	T0607301884	***Jurisdiction:***	CHULA VISTA
Feature ID:	5672010300	***Census Tract:***	125.01
Parcel No:	567-201-03-00	***Watershed Basin:***	909.12
Case No:	H03739-001	***GT Global ID:***	T0607301884
H No:	H03739	***GT RB Case No:***	9UT3117
KIVA per Tp per No:	6SAM H03739	***GT Status Date:***	
Status:	Completed	***GT Case Type:***	LUST Cleanup Site
Record Status:	Completed	***GT Lead Agency:***	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	***GT CUF Case:***	NO
Record Alias:	SAM Investigation	***GT County:***	San Diego
Date:	09/18/1995	***GT Latitude:***	32.63025063
Per Type:	LWQD	***GT Longitude:***	-117.09288416
Primary Parcel:	YES	***Latitude GS84:***	32.6303221
Primary Address:	YES	***Longitude GS84:***	-117.0929299
Address Type:	MASTER	***Point X:***	6302161.26005498
City:	CHULA VISTA	***Point Y:***	1810177.21001081
Community:	Chula Vista	***X:***	6302026.9572584
Zip Code:	91910	***Y:***	1810142.49592449
Zip Community:	91910	***X1:***	-117.09287254077968
Agency Name:	COSD	***Y1:***	32.63034296405858
Project Name:	WORLD OIL MARKETING CO. #46		
Address:	685 H ST, CHULA VISTA CA 91910		
Historical Name:	WORLD OIL #46		
Record Name:	WORLD OIL MARKETING CO. #46		
Street String:	685 H ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Water Purveyor: SOUTH BAY IRRIGATION LAND
GT Status: Open - Verification Monitoring
Case Type: LOP - Local Oversight Program
Funding: S - LOP State Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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52 | **3 of 19** | **ESE** | **0.24 / 1,277.47** | **28.20 / 10** | **WORLD OIL MARKETING CO. #46**
685 H ST
Chula Vista CA
SAM SANDIEGO

Record ID:	DEH1999-LSAM-H03739-002	**BOS District:**	1
Record ID (DEH):	DEH1999-LSAM-H03739-002	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	4/29/1999, 8:00 PM
ID:	4707	**Opened Date:**	4/28/1999, 8:00 PM
Object ID:	4703	**ThomasBros Map Gd:**	1310 A 7
SWRCB Global ID:	T0607302686	**Jurisdiction:**	CHULA VISTA
Feature ID:	5672010300	**Census Tract:**	125.01
Parcel No:	567-201-03-00	**Watershed Basin:**	909.12
Case No:	H03739-002	**GT Global ID:**	T0607302686
H No:	H03739	**GT RB Case No:**	9UT3926
KIVA per Tp per No:	6SAM H03739	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	04/29/1999	**GT Latitude:**	32.63023821
Per Type:	LWQD	**GT Longitude:**	-117.09278673
Primary Parcel:	YES	**Latitude GS84:**	32.6303221
Primary Address:	YES	**Longitude GS84:**	-117.0929299
Address Type:	MASTER	**Point X:**	6302161.26005498
City:	CHULA VISTA	**Point Y:**	1810177.21001081
Community:	Chula Vista	**X:**	6302140.886
Zip Code:	91910	**Y:**	1810180.249
Zip Community:	91910	**X1:**	-117.09287254077968
Agency Name:	COSD	**Y1:**	32.63034296405858

Project Name: WORLD OIL MARKETING CO. #46
Address: 685 H ST, CHULA VISTA CA 91910
Historical Name: WORLD OIL MARKETING #46
Record Name: WORLD OIL MARKETING CO. #46
Street String: 685 H ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: LOP - Local Oversight Program
Funding: F - LOP Federal Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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52 | **4 of 19** | **ESE** | **0.24 / 1,277.47** | **28.20 / 10** | **WORLD OIL #46**
685 H ST
CHULA VISTA CA 919104222
LUST

Global ID:	T0607302686	**Census Tract:**	6073012501
Status Date:	4/25/2000	**Match Key:**	T0607302686
Case Type:	LUST CLEANUP SITE	**County:**	SAN DIEGO
Oil Field:		**Latitude:**	32.630238209174
Oil Field Operator:		**Longitude:**	-117.092786729336
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	SAN DIEGO COUNTY LOP
Case Worker:	EM
Local Agency:	SAN DIEGO COUNTY LOP
RB Case No:	9UT3926
Local Case No:	H03739-002
File Location:	Local Agency
Potential COC:	Waste Oil / Motor / Hydraulic / Lubricating
Potential Media of Concern:	Aquifer used for drinking water supply
Begin Date:	4/29/1999
How Discovered:	
How Discovered Description:	
Stop Method:	Close and Remove Tank
Stop Description:	CLOSE AND REMOVE TANK **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Manual Entry on Screens
Discharge Cause:	Other
Discharge Source:	Other
EPA Region:	9
Leak Reported Dt:	1999-04-29 00:00:00
Military DoD Site:	No
No Further Action Dt:	2000-04-25 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	90-95%
Site History:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Local Agency Caseworker
Contact Name:	EWAN MOFFAT
Organization Name:	SAN DIEGO COUNTY LOP
Address:	P.O. Box 129261
City:	San Diego
Email:	ewan.moffat@sdcounty.ca.gov
Phone No:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Case Begin Date
Status Date:	4/29/1999
Status:	Completed - Case Closed
Status Date:	4/25/2000

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	WORLD OIL #46
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	685 H ST
City:	CHULA VISTA
Zip:	919104222
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302686
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 4/25/2000
Project Status:	

Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607302686&tabname=regulatoryhistory
Potential COC: WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H03739-002
CASEWORKER: EWAN MOFFAT
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT3926
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Case Begin Date
Date : 4/29/1999

Status: Completed - Case Closed
Date : 4/25/2000

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 4/25/2000
Received Issue Date: 4/25/2000
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302686&enforcement_id=6380291&temptable=ENFORCEMENT
Title Description Comments:

H03739-002 Closure Documents

Action Type: Leak Action
Action: Leak Began
Action Date: 4/29/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 4/29/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Leak Reported
Action Date: 4/29/1999
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents
Document Date: 4/25/2000
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H03739-002 CLOSURE DOCUMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302686&enforcement_id=6380291

52	5 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO. #46 685 H ST CHULA VISTA CA 919104222	LUST

Global ID: T0607301884
Census Tract: 6073012501
Status Date: 6/21/2017
Match Key: T0607301884
Case Type: LUST CLEANUP SITE
County: SAN DIEGO
Oil Field:
Latitude: 32.6302506340439
Oil Field Operator:
Longitude: -117.092884163229
Status: COMPLETED - CASE CLOSED

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Worker: SM
Local Agency:
RB Case No: 9UT3117
Local Case No:
File Location: Local Agency
Potential COC: Gasoline
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 9/18/1995
How Discovered: Site Assessment/Site Investigation
How Discovered Description: Phase II property assessment **Note: Many records provided by the department have a truncated [How Discovered Description] field.
Stop Method: Close and Replace Tank
Stop Description: CLOSE AND REPLACE TANK **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Disadvantaged Community
CalEnvScreen Score:
Coordinate Source: Google Map Move
Discharge Cause: Other
Discharge Source: Other
EPA Region: 9
Leak Reported Dt: 1995-09-18 00:00:00
Military DoD Site: No
No Further Action Dt: 2017-06-21 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 90-95%
Site History:

In August 1995 two hand-auger borings were advanced near the UST pit which detected petroleum hydrocarbon impacted soil. DEH case H03739-001 was opened and multiple wells and borings were advanced on and offsite to assess hydrocarbon impacted soil and groundwater. On April 23, 2003, an IRAP was implemented with the startup of a high vacuum dual-phase extraction system in an effort to mitigate several feet of liquid-phase hydrocarbons observed across the site. The system operated until 2007 when DEH directed the RP to shut down the system until disagreements with the adjacent

Thrifty Station (H20174) about responsibility for offsite impacts could be alleviated.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	SEAN MCCLAIN
Organization Name:	SAN DIEGO RWQCB (REGION 9)
Address:	2375 NORTHSIDE DRIVE, SUITE 100
City:	SAN DIEGO
Email:	sean.mcclain@waterboards.ca.gov
Phone No:	6195213374

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Remediation
Status Date:	9/18/1998
Status:	Open - Verification Monitoring
Status Date:	2/29/2016
Status:	Open - Eligible for Closure
Status Date:	12/15/2016
Status:	Open - Case Begin Date
Status Date:	9/18/1995
Status:	Completed - Case Closed
Status Date:	6/21/2017

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	WORLD OIL MARKETING CO. #46
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	685 H ST
City:	CHULA VISTA
Zip:	919104222
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301884
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 6/21/2017
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607301884&tabname=regulatoryhistory
Potential COC:	GASOLINE
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT3117 CASEWORKER: SEAN MCCLAIN SAN DIEGO COUNTY LOP - CASE #: H03739-001
CUF Claim:	CP0060
CUF Priority Assig:	
CUF Amount Paid:	$1,482,170
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Gndwater Monitoring Freque:	# OF WELLS MONITORED - SEMI-ANNUALLY : 17
Designated Beneficial Use	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply

Desc:
Site History:

In August 1995 two hand-auger borings were advanced near the UST pit which detected petroleum hydrocarbon impacted soil. DEH case H03739-001 was opened and multiple wells and borings were advanced on and offsite to assess hydrocarbon impacted soil and groundwater. On April 23, 2003, an IRAP was implemented with the startup of a high vacuum dual-phase extraction system in an effort to mitigate several feet of liquid-phase hydrocarbons observed across the site. The system operated until 2007 when DEH directed the RP to shut down the system until disagreements with the adjacent Thrifty Station (H20174) about responsibility for offsite impacts could be alleviated.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Case Begin Date
Date : 9/18/1995

Status: Completed - Case Closed
Date : 6/21/2017

Status: Open - Verification Monitoring
Date : 2/29/2016

Status: Open - Remediation
Date : 9/18/1998

Status: Open - Eligible for Closure
Date : 12/15/2016

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/14/2013
Received Issue Date: 1/14/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6147120&temptable=ENFORCEMENT
Title Description Comments:

DEH Request for Revised Second Half 2012 Semi-Annual Report

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/14/2013
Received Issue Date: 1/14/2013
Doc Link:
Title Description Comments:

Status Report for Quarter 4, 2012 - No gw sampling, but well destructions and well installations (except TSG-MW-14)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/19/2012
Received Issue Date: 11/19/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6143189&temptable=ENFORCEMENT
Title Description Comments:

DEH Off-site Property Access Request- Second Request

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 11/5/2012
Received Issue Date: 11/5/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5756733
Title Description Comments:

Semi-Annual Groundwater Monitoring and Status Report- Second and Third Quarter 2012 - Revise and resubmit

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/23/2012
Received Issue Date: 10/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6141111&temptable=ENFORCEMENT
Title Description Comments:

DEH Off-site Property Access Request (Revised address)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/18/2012
Received Issue Date: 10/18/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6140447&temptable=ENFORCEMENT
Title Description Comments:

DEH Off-site Property Access Request

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: 8/2/2012
Received Issue Date: 8/2/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5749252
Title Description Comments:

Status Report for Quarter 2, 2012 - Free-product removal continues, no sampling this qtr. No DEH response required.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/19/2012
Received Issue Date: 6/19/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6125521&temptable=ENFORCEMENT
Title Description Comments:

DEH Response to Comments

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 5/18/2012
Received Issue Date: 5/18/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5739604
Title Description Comments:

RP Comments on Conditional Workplan Approval Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/3/2012
Received Issue Date: 5/3/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6120757&temptable=ENFORCEMENT
Title Description Comments:

Conditional Workplan Approval Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/3/2012
Received Issue Date: 5/3/2012

Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6120742&temptable=ENFORCEMENT
Title Description Comments:

Concurrence Regarding Installation/Location of a Proposed Well (e-mail)

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 5/2/2012
Received Issue Date: 5/2/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5736162
Title Description Comments:

Semi-Annual Groundwater Monitoring and Status Report (Fourth Quarter 2011 and First Quarter 2012) - No DEH response required.

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Regulator Responded
Action Date: 3/2/2012
Received Issue Date: 3/2/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5732737
Title Description Comments:

Conceptual Site Model and Workplan for Groundwater Assessment

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 2/3/2012
Received Issue Date: 2/3/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5731058
Title Description Comments:

Status Report for Quarter 4, 2011 - Conceptual Site Model for Commingled Plume still being finalized. Semi-Annual report (1st qtr. 2012) submittal by April 30, 2012. Monthly FP removal.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 11/3/2011
Received Issue Date: 11/3/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5724950
Title Description Comments:

Semi-Annual Groundwater Monitoring and Status Report- Second and Third Quarter 2011 - No response required. SCM/FS being finalized.

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 7/21/2011
Received Issue Date: 7/21/2011
Doc Link:
Title Description Comments:

Status Report for Quarter 2, 2011 (no groundwater monitoring conducted)

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 5/9/2011
Received Issue Date: 5/9/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5712968
Title Description Comments:

Semi-Annual Groundwater Monitoring and Status Report- Fourth Quarter 2010 and First Quarter 2011 - Commingled Plume w/ H20174-001 (Thrifty Oil Station 80)

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Date: 4/11/2011
Received Issue Date: 4/11/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6392672&temptable=ENFORCEMENT
Title Description Comments:

5-Year Review Summary Report for Claim Number 11458; World Oil #46, 685 H Street, Chula Vista, CA

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 6/21/2017
Received Issue Date: 6/21/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6323884&temptable=ENFORCEMENT
Title Description Comments:

No Further Action

Action Type: Response Requested - Reports
Action: Well Destruction Report
Action Date: 6/21/2017
Received Issue Date: 6/21/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5929431
Title Description Comments:

Well Destruction and System Decommissioning Report

Action Type: Other Regulatory Actions
Action: Email Correspondence
Action Date: 6/14/2017
Received Issue Date: 6/14/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6323883&temptable=ENFORCEMENT
Title Description Comments:

Well Destruction Completion

Action Type: Notices
Action: Notification - Fee Title Owners Notice
Action Date: 9/29/2016
Received Issue Date: 9/29/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6299951&temptable=ENFORCEMENT
Title Description Comments:

Property Owner Notification, World Oil Marketing Co. #46

Action Type: Notices
Action: Notification - Public Notice of Case Closure
Action Date: 9/29/2016
Received Issue Date: 9/29/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6299953&temptable=ENFORCEMENT
Title Description Comments:

60-day Public Comment Notice of proposed no further action for World Oil Marketing Co. #46

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 2/23/2016
Received Issue Date: 2/23/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5881271
Title Description Comments:

January 2016 Self-Monitoring Report of Non-Discharge - See response to semi-annual groundwater monitoring report 2-29-2016.

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 2/2/2016
Received Issue Date: 2/2/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5881272
Title Description Comments:

Semi-Annual GW Mon and Status Report, Third and Fourth Quarter 2015

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 11/5/2015
Received Issue Date: 11/5/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6299103&temptable=ENFORCEMENT
Title Description Comments:

Well Destruction

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 3/6/2015
Received Issue Date: 3/6/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5836402
Title Description Comments:

February 2015 Self-Monitoring Report of Process Discharge

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 10/21/2014
Received Issue Date: 10/21/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5819652
Title Description Comments:

Complete Case Transfer from DEH to RWQCB

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 1/20/2014
Received Issue Date: 1/20/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5797038
Title Description Comments:

Workplan for Bioattenuation Zone Assessment

Action Type: Response Requested - Reports
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded
Action Date: 1/20/2014
Received Issue Date: 1/20/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5803287
Title Description Comments:

Response to Bio Attenuation Zone Work Plan

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 12/20/2013
Received Issue Date: 12/20/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5793767
Title Description Comments:

Workplan for Bioattenuation Zone Assessment - The San Diego Water Board will send an email response to the RP.

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 7/1/2013
Received Issue Date: 7/1/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6165312&temptable=ENFORCEMENT
Title Description Comments:

DEH Transfer Letter

Action Type: Response Requested - Workplans
Action: Corrective Action Plan / Remedial Action Plan - Regulator Responded
Action Date: 5/13/2013
Received Issue Date: 5/13/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5770687
Title Description Comments:

Update to Site Conceptual Model and Corrective Action Plan

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 5/7/2013
Received Issue Date: 5/7/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5770518
Title Description Comments:

Semi-Annual Groundwater Monitoring and Status Report - No response required.

Action Type: Response Requested - Reports
Action: CAP/RAP - Other Report - Regulator Responded
Action Date: 5/7/2013
Received Issue Date: 5/7/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5803290
Title Description Comments:

Response to SCM and CAP

Action Type: Response Requested - Reports
Action: Well Installation Report
Action Date: 4/8/2013
Received Issue Date: 4/8/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5768250
Title Description Comments:

Groundwater Monitoring Well Construction and Destruction Report - No DEH Response Required

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/16/2013
Received Issue Date: 1/16/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5762236
Title Description Comments:

Revised Semi-Annual Groundwater Monitoring and Status Report- 2nd and 3rd Quarter 2012 - No DEH response required

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/15/2013
Received Issue Date: 1/15/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5760498
Title Description Comments:

Response to DEH Request - No DEH response required

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 3/28/2011
Received Issue Date: 3/28/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5710211
Title Description Comments:

Request [to the San Diego Metropolitan Wastewater District] for Groundwater Discharge Permit Extension

Action Type: Response Requested - Reports
Action: Monitoring Report - Other
Action Date: 1/31/2011
Received Issue Date: 1/5/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5710216
Title Description Comments:

Status Report for Quarter 4, 2010

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 11/30/2010
Received Issue Date: 11/8/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5702968
Title Description Comments:

Semi-Annual Groundwater Monitoring and Status Report- Second Quarter and Third Quarter 2010

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 5/5/2010
Received Issue Date: 5/5/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5710206
Title Description Comments:

Status Report- Fourth Quarter 2009 and First Quarter 2010

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Action Date: 4/6/2010
Received Issue Date: 4/6/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6390541&temptable=ENFORCEMENT
Title Description Comments:

5 Year Review Response to State Fund (with summary report)

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Action Date: 3/18/2010
Received Issue Date: 3/18/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6390845&temptable=ENFORCEMENT
Title Description Comments:

5-Year Review 2nd, 2010

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/31/2010
Received Issue Date: 1/29/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5664819
Title Description Comments:

Status Report- Quarter 4, 2009

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/5/2010
Received Issue Date: 1/5/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6039749&temptable=ENFORCEMENT
Title Description Comments:

Commingled Plume Determination Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 11/6/2009
Received Issue Date: 11/6/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5664818
Title Description Comments:

Status Report- Quarter 3, 2009

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/12/2009
Received Issue Date: 8/12/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6028157&temptable=ENFORCEMENT
Title Description Comments:

WP Disapproval and Report Response Letter

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/31/2009
Received Issue Date: 8/6/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5648011
Title Description Comments:

Status Report - Quarter 2, 2009

Action Type: Notices
Action: Letter - Notice
Action Date: 7/9/2009
Received Issue Date: 7/9/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6019970&temptable=ENFORCEMENT
Title Description Comments:

GW Monitoring Reduction Letter

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/4/2009
Received Issue Date: 5/4/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5647984
Title Description Comments:

Status Report - Quarter 1, 2009

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 3/30/2009
Received Issue Date: 3/30/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5647983

Title Description Comments:

Proposed Groundwater Sampling Reduction Plan and 60-Day Rule: Notice of Intent to Proceed with Groundwater Sampling Reduction

Action Type: Response Requested - Reports
Action: Monitoring Report - Quarterly
Action Date: 1/30/2009
Received Issue Date: 2/4/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607301884&doc_id=5650632
Title Description Comments:

Status Report for Quarter 4, 2008

Action Type: Notices
Action: Notice of Responsibility
Action Date: 10/17/1995
Received Issue Date: 10/17/1995
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 9/18/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 9/18/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 9/18/1995
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 12/7/2005 ***Submitted By:*** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (TSG-MW-10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2875059366/T0607301884.PDF

Submitted: 12/7/2005 ***Submitted By:*** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (TSG-MW-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9174560368/T0607301884.PDF

Submitted: 12/7/2005 ***Submitted By:*** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-MW-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8252552628/T0607301884.PDF

Submitted: 12/7/2005 ***Submitted By:*** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (EW-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4056501626/T0607301884.PDF

Submitted: 12/7/2005 ***Submitted By:*** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-B-5)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9454868912/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (RE-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4301079928/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (RS-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6024656176/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-MW-12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8963075160/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-RE3R)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9088454484/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-RS8R)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9535462856/T0607301884.PDF

Submitted: 11/8/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7931100070/T0607301884.PDF

Submitted: 7/23/2014 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4468874096/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-MW-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5186582267/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-MW-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3918563663/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (EW-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4471921622/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (EW-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2331647574/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-HB-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4686017692/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (VP-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7713849723/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-MW-11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4759484469/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-MW-13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6845931947/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-B-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4892423331/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-B-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8789273917/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-B-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6214079141/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-B-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8391706168/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (RS-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1763196825/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-RS4R)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2847415983/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-MW-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5368641495/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-B-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6485990762/T0607301884.PDF

Submitted: 8/14/2014 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: SOIL VAPOR PROBE CONSTRUCTION REPORT (SGI-SB-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7433260083/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-MW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7282028019/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (EW-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4634519279/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-HB-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1153597772/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (RE-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5112776994/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-RE6R)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1392408251/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-RS9R)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4311935365/T0607301884.PDF

Submitted: 8/14/2014 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: SOIL VAPOR PROBE CONSTRUCTION REPORT (SGI-SB-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5434775650/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-B-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5038129508/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (RS-9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3417236268/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (TSG-MW-15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6321704924/T0607301884.PDF

Submitted: 8/14/2014 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: SOIL VAPOR PROBE CONSTRUCTION REPORT (SGI-SB-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9611046969/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (TSG-MW-8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9890928506/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (VP-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7787693619/T0607301884.PDF

Submitted: 3/13/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT (RE-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9213151454/T0607301884.PDF

Submitted: 4/2/2013 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2656949639/T0607301884.PDF

Submitted: 12/8/2003 **Submitted By:** STACY MCKENNA (RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2503681778/T0607301884.pdf

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-MW-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6966779947/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (EW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4837020695/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-B-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7205143570/T0607301884.PDF

Submitted: 12/7/2005 **Submitted By:** KARL BOWERS (AUTH_RP)
Title: GEO_BORE (SE-MW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5088900506/T0607301884.PDF

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Monitoring Reports **Document Date:** 12/1/2009
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5363115608/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/21/2017
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6323884

Document Type: Site Documents **Document Date:** 6/14/2017
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: WELL DESTRUCTION COMPLETION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6323883

Document Type: Site Documents **Document Date:** 10/31/2014*
Type: STATUS / PROGRESS REPORTS **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 3,2014 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9031699478/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/21/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: COMPLETE CASE TRANSFER FROM DEH TO RWQCB - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&document_id=5819652

Document Type: Site Documents **Document Date:** 4/4/2014*
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2014 SELF MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2855828464/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/19/2013
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL INSTALLATION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8856919765/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 2/27/2009
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8376427769/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/31/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: Q3-08 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3261448740/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/22/2013
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4495896816/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/22/2013
Type: WELL DESTRUCTION REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL DESTRUCTION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4831801652/T0607301884.PDF

Document Type: Site Documents **Document Date:** 12/4/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2012 SELF MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8602201104/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/18/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: DEH OFF-SITE PROPERTY ACCESS REQUEST **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6140447

Document Type: Site Documents **Document Date:** 5/3/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: CONCURRENCE REGARDING INSTALLATION/LOCATION OF A PROPOSED WELL (E-MAIL) **Note: Many records provided by the department have a truncated [Title] field.

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6120742

Document Type: Site Documents **Document Date:** 3/1/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2012 SELF-MONITORING REPORT OF NON-DISCHARG **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3105412304/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/30/2008
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1504616856/T0607301884.PDF

Document Type: Site Documents **Document Date:** 8/1/2008
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5934010386/T0607301884.PDF

Document Type: Site Documents **Document Date:** 2/29/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2768725335/T0607301884.PDF

Document Type: Site Documents **Document Date:** 12/12/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3885389029/T0607301884.PDF

Document Type: Site Documents **Document Date:** 5/1/2006
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR Q106 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3337858438/T0607301884.PDF

Document Type: Site Documents **Document Date:** 8/2/2005
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2005 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4300122916/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 3/4/2016*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2016 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3241914749/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/30/2016
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEMI-ANNUAL GW MON AND STATUS REPORT, THIRD AND FOURTH QUARTER 2015 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9811438024/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 11/3/2014*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCTOBER 2014 SELF MONITORING OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7383826971/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 7/11/2014*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2014 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8524680435/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 6/11/2014*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY 2014 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9274156689/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/29/2013
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEMI-ANNUAL GROUNDWATER MONITORING & STATUS REPORT 4Q12 & 1Q13 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8809146940/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 11/2/2012
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCTOBER 2012 SELF-MONITORING REPORT OF NON DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2030576586/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 2/5/2016
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2016 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5189901769/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 2/2/2016
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: SEMI-ANNUAL GW MON AND STATUS REPORT, THIRD AND FOURTH QUARTER 2015 - RESPONSE TO SEMI-ANNUAL GROUNDWATER MONITORING REPORT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3161238729/Response%20to%20Semi%2DAnnual%20Groundwater%20Monitoring%20Report%202%2D29%2D16%2Epdf

Document Type: Monitoring Reports **Document Date:** 9/2/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2015 SELF-MONITORING REPORT ON NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3991111516/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/4/2012
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2012 SELF MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5051640331/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 12/1/2011
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4683323681/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 6/3/2011
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)

Title: MAY 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7330154359/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 7/1/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8416672706/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 6/9/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8936257898/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 8/3/2009
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: Q2-09 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4232509791/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/3/2013*
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3973239958/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/6/2016*
Type: WELL DESTRUCTION REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: WELL DESTRUCTION AND SYSTEM DECOMMISSIONING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1811256110/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/31/2014*
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: LPH REMOVAL PROGRESS REPORT FOR QUARTER 2, 2014 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4703223526/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/4/2014*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2014 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3999093234/T0607301884.PDF

Document Type: Site Documents **Document Date:** 4/11/2011
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: 5-YEAR REVIEW SUMMARY REPORT FOR CLAIM NUMBER 11458; WORLD OIL #46, 685 H STREET, CHULA VISTA, CA **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6392672

Document Type: Site Documents **Document Date:** 3/24/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: REQUEST FOR GW DISCHARGE PERMIT EXTENSION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4309289097/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/4/2013
Type: OPERATION AND MAINTENANCE PLAN/MONITORING REPORT **Submitted:**

Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6401624560/T0607301884.PDF

Document Type: Site Documents **Document Date:** 4/2/2013
Type: WELL INSTALLATION REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL INSTALLATION AND REPLACEMENT REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1601196229/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/23/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: DEH OFF-SITE PROPERTY ACCESS REQUEST (REVISED ADDRESS) **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6141111

Document Type: Site Documents **Document Date:** 3/31/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2750309824/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/31/2008
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 4, 2007 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8595777213/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/31/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCTOBER 2007 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2401001453/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/27/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2007 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2766571521/T0607301884.PDF

Document Type: Site Documents **Document Date:** 8/3/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2007 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2342730462/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 9/12/2014*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: WO46 2014-09-12 AUG 2014 SELF MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3722237765/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 5/7/2014*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING & STATUS REPORT 4Q2013 & 1Q2014 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9578321337/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/31/2014*

Type: MONITORING REPORT - OTHER ***Submitted:***
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 4, 2013 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2625708878/T0607301884.PDF

Document Type: Monitoring Reports ***Document Date:*** 2/1/2013
Type: MONITORING REPORT - OTHER ***Submitted:***
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1039903759/T0607301884.PDF

Document Type: Site Documents ***Document Date:*** 9/29/2016
Type: NOTIFICATION - FEE TITLE OWNERS NOTICE ***Submitted:***
Submitted By: KELLY FLINT (REGULATOR)
Title: PROPERTY OWNER NOTIFICATION, WORLD OIL MARKETING CO. #46 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6299951

Document Type: Site Documents ***Document Date:*** 1/20/2014
Type: OTHER WORKPLAN ***Submitted:***
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: WORKPLAN FOR BIOATTENUATION ZONE ASSESSMENT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&document_id=5797038

Document Type: Site Documents ***Document Date:*** 9/3/2013*
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) ***Submitted:***
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1993366301/T0607301884.PDF

Document Type: Monitoring Reports ***Document Date:*** 11/3/2009
Type: MONITORING REPORT - OTHER ***Submitted:***
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCTOBER 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1389883756/T0607301884.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/13/2009
Type: MONITORING REPORT - OTHER ***Submitted:***
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1625520110/T0607301884.PDF

Document Type: Monitoring Reports ***Document Date:*** 4/25/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: KARL BOWERS (AUTH_RP)
Title: 1Q-07 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4171935856/T0607301884.PDF

Document Type: Site Documents ***Document Date:*** 1/14/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: TERESA SHERMAN (REGULATOR)
Title: DEH REQUEST FOR REVISED SECOND HALF 2012 SEMI-ANNUAL REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6147120

Document Type: Site Documents ***Document Date:*** 10/1/2012
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: KARL BOWERS (AUTH_RP)
Title: WO46 2012-10-01 SEPTEMBER 2012 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9162200212/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/9/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2012 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4937881410/T0607301884.PDF

Document Type: Site Documents **Document Date:** 5/1/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2012 SELF-MONITORING REPORT OF NON DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4250874340/T0607301884.PDF

Document Type: Site Documents **Document Date:** 2/28/2012
Type: SITE CONCEPTUAL MODEL **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: CONCEPTUAL SITE MODEL & WORKPLAN FOR GW ASSESSMENT- COMMINGLED PLUME SITE CP0060 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6415082812/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/22/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 2, 2010 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1827485084/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/5/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KEITH KEZER (REGULATOR)
Title: COMMINGLED PLUME DETERMINATION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6039749

Document Type: Site Documents **Document Date:** 6/30/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY AND JUNE 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7549040853/T0607301884.PDF

Document Type: Site Documents **Document Date:** 2/5/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2007 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3312864005/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/13/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1770599186/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 7/30/2015*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND STATUS REPORT, FIRST AND SECOND QUARTER 2015 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3412454962/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 8/13/2014*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2014 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5750891149/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 11/1/2013*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCTOBER 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9369875073/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 8/2/2013*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3826585888/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 11/5/2012
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND STATUS REPORT- SECOND AND THIRD QUARTER 2012 - DEH REQUEST FOR REVISED REPORT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4720840275/DEH%20Request%20for%20Revised%20Report%2Epdf

Document Type: Monitoring Reports **Document Date:** 7/30/2012
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 2, 2012 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2269515275/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/31/2012
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 4, 2011 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1065551042/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/4/2011
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5419570207/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 3/7/2011
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3962748229/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 2/3/2011
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7430317699/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/5/2011
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: W046 2011-01-05 STATUS REPORT FOR QUARTER 4, 2010 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4277161598/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 9/3/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the

department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1514420866/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 8/2/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2791398048/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 11/3/2010
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: WO46 2010-11-3 SEMI-ANNUAL GROUNDWATER MONITORING AND STATUS REPORT SECOND QUARTER AND THIRD QUARTER 2010 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5430933654/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/6/2010
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: Q3-09 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8121140480/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 3/2/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3364480435/T0607301884.PDF

Document Type: Site Documents **Document Date:** 11/5/2015
Type: STAFF LETTER **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: WELL DESTRUCTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6299103

Document Type: Site Documents **Document Date:** 4/30/2014*
Type: PROGRESS REPORT (SOIL/GW/ UPDATES) **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2014 SELF MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7060274243/T0607301884.PDF

Document Type: Site Documents **Document Date:** 2/25/2014*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: REQUEST FOR GROUNDWATER DISCHARGE PERMIT EXTENSION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4657998263/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/1/2013
Type: REFERRAL TO REGIONAL BOARD **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: DEH TRANSFER LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6165312

Document Type: Monitoring Reports **Document Date:** 8/3/2009
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9507845222/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/30/2009
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 1, 2009 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5615251839/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 7/26/2006
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 2, 2006 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6051480948/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 8/3/2005
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR 2Q05 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4722547233/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/1/2012
Type: NPDES / WDR REPORTS **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY 2012 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9981931567/T0607301884.PDF

Document Type: Site Documents **Document Date:** 2/1/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2012 SEL-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5239943742/T0607301884.PDF

Document Type: Site Documents **Document Date:** 8/2/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2081750452/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/1/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1756240785/T0607301884.PDF

Document Type: Site Documents **Document Date:** 5/10/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2702271461/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/1/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2085069954/T0607301884.PDF

Document Type: Site Documents **Document Date:** 5/1/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2452536344/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/5/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9322213292/T0607301884.PDF

Document Type: Site Documents **Document Date:** 5/9/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2448775351/T0607301884.PDF

Document Type: Site Documents **Document Date:** 2/4/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2008 SELF-MONITORING REPORT OF NON- DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3187428355/T0607301884.PDF

Document Type: Site Documents **Document Date:** 8/15/2007
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 2, 2007 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6761418223/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/10/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2007 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1785338461/T0607301884.PDF

Document Type: Site Documents **Document Date:** 4/2/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2007 SELF-MONITORING REPORT OF PROCESS NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7992848277/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/1/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2007 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5719969034/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/26/2007
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: 4Q-06 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4428896844/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/9/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1186872184/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/5/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4450636148/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/12/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2006 SELF MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8869964420/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/13/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9386752068/T0607301884.PDF

Document Type: Site Documents **Document Date:** 4/12/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2006 SELF MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3956250846/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/27/2006
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR Q405 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7604908585/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/10/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2015 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5927039861/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 12/12/2014*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2014 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1717729091/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 7/19/2013*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 2, 2013 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5251787304/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 5/1/2013
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8309800624/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/4/2013
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2012 SELF-MONITORING REPORT OF NON-DISHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6288176774/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/21/2017
Type: WELL DESTRUCTION REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: WELL DESTRUCTION AND SYSTEM DECOMMISSIONING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4899728596/T0607301884.PDF

Document Type: Site Documents **Document Date:** 8/14/2014*
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: RESULTS OF SOIL GAS PROBE INSTALLATION AND OFF-SITE SOIL GAS ASSESSMENT SAMPLING **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6135194301/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/23/2014*
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SOIL VAPOR PROBE CONSTRUCTION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5966585278/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/30/2012
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: 1H (4Q11 & 1Q12) GWM & STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6085815370/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/30/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT, QUARTER 4, 2009 AND QUARTER 1, 2010 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1783883631/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 2/4/2009
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6637829005/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 7/31/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 2, 2008 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9102467417/T0607301884.PDF

Document Type: Site Documents **Document Date:** 4/30/2013
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: UPDATE TO SITE CONCEPTUAL MODEL & CORRECTIVE ACTION PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3850921571/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/11/2013
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: GROUNDWATER MONITORING WELL CONSTRUCTION & DESTRUCTION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5590684413/T0607301884.PDF

Document Type: Site Documents **Document Date:** 11/19/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: DEH OFF-SITE PROPERTY ACCESS REQUEST- SECOND REQUEST **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6143189

Document Type: Site Documents **Document Date:** 7/19/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 2, 2011 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7463404357/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/22/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: REQUEST FOR GROUNDWATER DISCHARGE PERMIT EXTENSION **Note: Many records provided by the department have a truncated [Title] field.

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3272816479/T0607301884.PDF

Document Type: Site Documents **Document Date:** 2/28/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: REQUEST FOR GROUNDWATER DISCHARGE PERMIT EXTENSION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7184844076/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/9/2008
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2007 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1065569818/T0607301884.PDF

Document Type: Site Documents **Document Date:** 11/30/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2007 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9747007071/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/4/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2007 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2534056723/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/5/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY 2007 SELF-MONITORING REPORT OF PROCESS NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2024525523/T0607301884.PDF

Document Type: Site Documents **Document Date:** 5/7/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2007 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8237975895/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/6/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2005 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8725376725/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/3/2005
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2005 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8062469303/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/8/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2014 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5746468722/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 7/10/2013*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9763756930/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 3/1/2013
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2013 SELF-MONITORING REPROT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7966632902/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/6/2014*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2014 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3332050383/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 2/3/2014*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2014 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7893059909/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/31/2013*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEMI-ANNUAL GROUNDWATER MONITORING & STATUS REPORT 2Q & 3Q, 2013 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4939385592/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/1/2013*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6009693205/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/30/2012
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: (RESUBMITTAL) 2H12 GWM & STATUS REPORT (2Q12 & 3Q12), DATED 2012-10-30 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2434921205/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/29/2016
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE **Submitted:**
Submitted By: KELLY FLINT (REGULATOR)
Title: 60-DAY PUBLIC COMMENT NOTICE OF PROPOSED NO FURTHER ACTION FOR WORLD OIL MARKETING CO. #46 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6299953

Document Type: Site Documents **Document Date:** 5/7/2013
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: RESPONSE TO SCM AND CAP - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&document_id=5803290

Document Type: Site Documents **Document Date:** 8/10/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2012 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2235732316/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/15/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AMENDMENT TO COMMINGLED PLUME CLAIM NO. CP0060 **Note: Many records provided by the department

have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2015970885/T0607301884.PDF

Document Type: Site Documents **Document Date:** 4/6/2010
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: 5 YEAR REVIEW RESPONSE TO STATE FUND (WITH SUMMARY REPORT) **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6390541

Document Type: Site Documents **Document Date:** 8/12/2009
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KEITH KEZER (REGULATOR)
Title: WP DISAPPROVAL AND REPORT RESPONSE LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6028157

Document Type: Site Documents **Document Date:** 6/23/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: 60-DAY RULE NOTICE OF INTENT TO PROCEED WITH GW SAMPLING REDUCTION PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7492128670/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/31/2008
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCTOBER 2008 SELF MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3858981072/T0607301884.PDF

Document Type: Site Documents **Document Date:** 11/13/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCTOBER 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4983294427/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/31/2006
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: Q3-06 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3976163566/T0607301884.PDF

Document Type: Site Documents **Document Date:** 8/14/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9116625726/T0607301884.PDF

Document Type: Site Documents **Document Date:** 5/12/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2653135538/T0607301884.PDF

Document Type: Site Documents **Document Date:** 11/8/2005
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCOTBER 2005 SELF MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6711425602/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 11/2/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)

Title: OCTOBER 2015 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6523222506/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/2/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2015 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8440370559/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 8/3/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JULY 2015 SELF-MONITORING REPORT ON NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4800935864/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 7/1/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JUNE 2015 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6144064366/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 9/1/2009
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7096398770/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/27/2005
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 3, 2005 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7240338981/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 11/1/2011
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: OCTOBER 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8060849785/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/28/2011
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEMI-ANNUAL GROUNDWATER MONITORING AND STATUS REPORT - SECOND AND THIRD QUARTER 2011 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7907948315/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 5/19/2011
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: WO46 2011-04-30 SEMI-ANNUAL GROUNDWATER MONITORING & STATUS REPORT 4Q2010 AND 1Q2011 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1360772669/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/3/2014*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5502709567/T0607301884.PDF

Document Type: Site Documents **Document Date:** 7/19/2013*
Type: CAP/RAP - OTHER REPORT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)

Title: CAP STATUS UPDATE FOR COMMINGLED PLUME SITE CP0060 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1818169772/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/1/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1063915431/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 5/4/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2484376311/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/2/2009
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6096315681/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/30/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: Q1-08 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9086669743/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 12/13/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: INITIAL SCM AND Q3-07 GROUNDWATER MONITORING AND SAMPLING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6429768443/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/15/2013
Type: CORRESPONDENCE **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: RESPONSE TO DEH REQUEST - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&document_id=5760498

Document Type: Site Documents **Document Date:** 1/10/2013
Type: STATUS / PROGRESS REPORTS **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 4, 2012 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7518796801/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/4/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2012 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1297657072/T0607301884.PDF

Document Type: Site Documents **Document Date:** 5/18/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: RP COMMENTS ON CONDITIONAL WORKPLAN APPROVAL LETTER - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&document_id=5739604

Document Type: Site Documents **Document Date:** 3/2/2012
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)

Title: CONCEPTUAL SITE MODEL AND WORKPLAN FOR GROUNDWATER ASSESSMENT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&document_id=5732737

Document Type: Site Documents **Document Date:** 5/13/2013
Type: CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: UPDATE TO SITE CONCEPTUAL MODEL AND CORRECTIVE ACTION PLAN - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&document_id=5770687

Document Type: Site Documents **Document Date:** 8/24/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: COMMINGLED PLUME ACCOUNT AND WORK STATUS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4854913175/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/18/2010
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Submitted By: RAMESH SUNDARESWARAN (REGULATOR)
Title: 5-YEAR REVIEW 2ND, 2010 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6390845

Document Type: Site Documents **Document Date:** 1/5/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2735787808/T0607301884.PDF

Document Type: Site Documents **Document Date:** 10/1/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEPTEMBER 2009 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9363564908/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/8/2008
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5300980091/T0607301884.PDF

Document Type: Site Documents **Document Date:** 9/8/2011
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: AUGUST 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3291757166/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/15/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1232328116/T0607301884.PDF

Document Type: Site Documents **Document Date:** 2/2/2006
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2006 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6488874137/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 12/4/2015*
Type: MONITORING REPORT - OTHER **Submitted:**

Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2015 SELF-MONIITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2823313117/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 3/6/2015
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: FEBRUARY 2015 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4918402135/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 2/6/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2015 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7025361537/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/30/2015*
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: SEMI-ANNUAL GROUNDWATER MONITORING & STATUS REPORT 3Q & 4Q, 2014 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3010351598/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 5/7/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: APRIL 2015 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9233573257/T0607301884.PDF

Document Type: Site Documents **Document Date:** 12/2/2005
Type: REPORTS - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2005 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1730695426/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/4/2016*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2015 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9533751070/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 10/30/2015*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 3, 2015 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2467103958/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 6/5/2015*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MAY 2015 SELF-MONITORING REPORT OF PROCESS DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3564034640/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 12/2/2013*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4400484204/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/2/2013
Type: MONITORING REPORT - OTHER **Submitted:**

Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2013 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4227693080/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/4/2012
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: DECEMBER 2011 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1871912658/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/8/2011
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2011 SELF-MONITORING REPORT OF NON DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7710046350/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 4/5/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: MARCH 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7147897183/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 2/2/2010
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: JANUARY 2010 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5735505461/T0607301884.PDF

Document Type: Monitoring Reports **Document Date:** 1/26/2010
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: QUARTER 4, 2009 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8317117154/T0607301884.PDF

Document Type: Site Documents **Document Date:** 4/30/2015*
Type: STATUS / PROGRESS REPORTS **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: STATUS REPORT FOR QUARTER 1, 2015 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6847963452/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/20/2014
Type: OTHER WORKPLAN **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: WORKPLAN FOR BIOATTENUATION ZONE ASSESSMENT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7181639909/T0607301884.PDF

Document Type: Site Documents **Document Date:** 1/20/2014
Type: SOIL VAPOR INTRUSION INVESTIGATION REPORT **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: RESPONSE TO BIO ATTENUATION ZONE WORK PLAN - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&document_id=5803287

Document Type: Monitoring Reports **Document Date:** 2/2/2009
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: Q4-08 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1465478062/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/18/2013*
Type: CORRESPONDENCE **Submitted:**

Submitted By: KARL BOWERS (AUTH_RP)
Title: NOTIFICATION OF UPDATED ASSESSMENT REPORT SUBMITTAL SCHEDULE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9962281703/T0607301884.PDF

Document Type: Site Documents **Document Date:** 6/19/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: DEH RESPONSE TO COMMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6125521

Document Type: Site Documents **Document Date:** 5/3/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: CONDITIONAL WORKPLAN APPROVAL LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6120757

Document Type: Site Documents **Document Date:** 7/9/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: KEITH KEZER (REGULATOR)
Title: GW MONITORING REDUCTION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607301884&enforcement_id=6019970

Document Type: Site Documents **Document Date:** 3/27/2009
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: PROPOSED GW SAMPLING REDUCTION PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5234163582/T0607301884.PDF

Document Type: Site Documents **Document Date:** 12/1/2008
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: NOVEMBER 2008 SELF-MONITORING REPORT OF NON-DISCHARGE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3166691660/T0607301884.PDF

Document Type: Site Documents **Document Date:** 3/19/2008
Type: CORRESPONDENCE - DIRECTIVE RELATED **Submitted:**
Submitted By: KARL BOWERS (AUTH_RP)
Title: LPH VS. TIME RESULTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4419133067/T0607301884.PDF

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Identifier: CP0060
Project Name: THRIFTY OIL COMPANY #080
Status: COMPLETED - CASE CLOSED
Address: 666 H ST
City: CHULA VISTA
Association: Comingled Plume
Description: SCUFIIS Comingled Plume
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302991

52	6 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO 46 685 H STREET OAKLAND CHULA VISTA CA 92010	HHSS

County:
Tank Details Microfiche: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002f5aa.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	7 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO. #46 685 H ST CHULA VISTA CA 91910	DELISTED TNK

Delisted San Diego County - UST List

Record ID:	DEH2002-HUPFP-103739	**Haz. Waste Gen:**	true
CERS ID:	10357825	**Recycle:**	false
Permit Status:	Permit Renewed	**Onsite Haz Wt Trt:**	false
Active Permit:	true	**RCRA Large Qty Gen:**	false
Facility Type UST:		**HHW Collection:**	false
Business Phone:	562-928-0100	**Last Updated:**	2020 Feb 13 06:37:10 AM
Business Fax:	5629280391.0	**Atoms:**	
Facility ID:	37-000-103739	**ZIP Codes:**	
EPA ID No:	CAD981160674	**Latitude:**	
Haz. Mat. On-Site:	true	**Longitude:**	
Own or Operate UG:	true	**Original Source:**	USSD
Own or Operate AG:	false	**Record Date:**	19-JUN-2020
Mailing Address:	9302 Garfield Ave., South Gate, CA 90280		
New Georeferenced:	(32.63014564070581, -117.09259855281942)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	8 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO. #46 685 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID:	T0607302686	**Parcel No:**	567-201-03-00
Record ID:	DEH1999-LSAM-H03739-002	**Census Tract:**	125.01
Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	4/29/1999	**Community:**	Chula Vista
Case Type:	LOP - Local Oversight Program	**Jurisdiction:**	CHULA VISTA
Historical Name:	WORLD OIL MARKETING #46	**Watershed Basin No:**	909.12
Lead Agency:	DEH/SAM	**Latitude GS 84:**	32.6303221
Lead Agency Date:	4/30/1999	**Longitude GS 84:**	-117.0929299
Funding:	F - LOP Federal Fund	**X Map Coord:**	6302140.886
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1810180.249
Water Purveyor:	CHULA VISTA		
File Case Type:	CLOSED OR TRANSFERRED LOP CASES		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	9 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO. #46 685 H ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID:	T0607301884	**Parcel No:**	567-201-03-00
Record ID:	DEH1995-LSAM-H03739-001	**Census Tract:**	125.01
Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	9/18/1995	**Community:**	Chula Vista
Case Type:	LOP - Local Oversight Program	**Jurisdiction:**	CHULA VISTA
Historical Name:	WORLD OIL #46	**Watershed Basin No:**	909.12
Lead Agency:	RWQCB	**Latitude GS 84:**	32.6303221
Lead Agency Date:	7/1/2013	**Longitude GS 84:**	-117.0929299
Funding:	S - LOP State Fund	**X Map Coord:**	6302026.9572584
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1810142.49592449
Water Purveyor:	SOUTH BAY IRRIGATION LAND		
File Case Type:	CLOSED OR TRANSFERRED LOP CASES		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	10 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO. #46 685 H ST CHULA VISTA CA 91910	HAZ SANDIEGO

Record ID:	DEH2002-HUPFP-103739	**GIS Record ID:**	DEH2002-HUPFP-103739
Facility Name:	WORLD OIL MARKETING CO. #46	**GIS Facility City:**	CHULA VISTA

Facility City:	CHULA VISTA	**GIS Facility ZipCode:**	91910
Facility ZipCode:	91910	**GIS Fac Latitude:**	32.6303221
Facility Latitude:		**GIS Fac Longitude:**	-117.0929299
Facility Longitude:			
Facility Address:	685 H ST		
GIS Facility Name:	WORLD OIL MARKETING CO. #46		
GIS Facility Address:	685 H ST, CHULA VISTA, CA 91910		
Tank Owner Name:			

Hazardous Materials Facility Data

CERS ID:	10357825	**Onsite H Waste Trtmt:**	false
Facility ID No:	37-000-103739	**Haz Mat on Site:**	true
EPA ID No:	CAD981160674	**Haz Waste Generator:**	true
Active Permit:	true	**Own/Oper Under:**	true
Permit Status:	Permit Renewed	**Own/Oper Above:**	false
Bus. Phone:	562-928-0100	**Recycle:**	false
Bus. Fax:	5629280391	**RCRA Large Qty Gen:**	false
Last Updated:	04/16/2022 12:54:26 AM	**HHW Collection:**	false
New Georeferenced Column:			
Mailing Address:	9302 Garfield Ave., South Gate, CA 90280		

Hazardous Waste and Materials

ID:	470656	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2022-HCHEM-0319806	**Active Permit:**	true
CAS No:	86290-81-5	**Haz Material Type:**	Mixture
Last Updated:	04/16/2022 12:54:28 AM	**Trade Secret:**	false
Chemical Name:	Gasoline, Unleaded		
Common Name Inventory:	Gasoline		

ID:	131099	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2018-HWAST-0142722	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	04/22/2019 11:41:35 AM	**Trade Secret:**	false
Chemical Name:	Waste Gasoline/Water Mixture		
Common Name Inventory:	Waste Gasoline/Water Mixture		

ID:	427372	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2021-HCHEM-0302840	**Active Permit:**	true
CAS No:	86290-81-5	**Haz Material Type:**	Mixture
Last Updated:	07/14/2021 02:32:20 AM	**Trade Secret:**	false
Chemical Name:	Gasoline, Unleaded		
Common Name Inventory:	Gasoline		

ID:	5262	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2016-HCHEM-0120479	**Active Permit:**	true
CAS No:	8006-61-9	**Haz Material Type:**	Mixture
Last Updated:	11/29/2016 12:34:56 AM	**Trade Secret:**	false
Chemical Name:	Regular Unleaded Gasoline		
Common Name Inventory:	Regular Unleaded Gasoline		

ID:	77019	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2017-HCHEM-0149245	**Active Permit:**	true
CAS No:	8006-61-9	**Haz Material Type:**	Mixture
Last Updated:	10/24/2017 12:16:22 PM	**Trade Secret:**	false
Chemical Name:	Plus Unleaded Gasoline		
Common Name Inventory:	Plus Unleaded Gasoline		

ID:	401170	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2021-HCHEM-0293735	**Active Permit:**	true
CAS No:	86290-81-5	**Haz Material Type:**	Mixture
Last Updated:	05/03/2021 02:20:41 PM	**Trade Secret:**	false
Chemical Name:	Gasoline, Unleaded		
Common Name Inventory:	Gasoline		

ID:	427374	**Permit Status:**	Permit Renewed

Child Record ID: DEH2021-HWAST-0270477 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 07/14/2021 02:32:20 AM **Trade Secret:** false
Chemical Name: Used filters and hoses
Common Name Inventory: Used filters and hoses

ID: 77017 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0149243 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Mixture
Last Updated: 10/24/2017 12:16:22 PM **Trade Secret:** false
Chemical Name: Regular Unleaded Gasoline
Common Name Inventory: Regular Unleaded Gasoline

ID: 5264 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0120481 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Mixture
Last Updated: 11/29/2016 12:34:56 AM **Trade Secret:** false
Chemical Name: Plus Unleaded Gasoline
Common Name Inventory: Plus Unleaded Gasoline

ID: 401172 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0262498 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 05/03/2021 02:20:41 PM **Trade Secret:** false
Chemical Name: Used filters and hoses
Common Name Inventory: Used filters and hoses

ID: 77018 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0149244 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Mixture
Last Updated: 10/24/2017 12:16:22 PM **Trade Secret:** false
Chemical Name: Regular Unleaded Gasoline
Common Name Inventory: Regular Unleaded Gasoline

ID: 401171 **Permit Status:** Permit Renewed
Child Record ID: DEH2021-HWAST-0262497 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 05/03/2021 02:20:41 PM **Trade Secret:** false
Chemical Name: Waste Gasoline/Water Mixture
Common Name Inventory: Waste Gasoline/Water Mixture

ID: 77021 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0127595 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 10/24/2017 12:16:22 PM **Trade Secret:** false
Chemical Name: Waste Oil/Water Mixture
Common Name Inventory: Waste Oil/Waster Mixture

ID: 5265 **Permit Status:** Permit Renewed
Child Record ID: DEH2016-HCHEM-0120482 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Mixture
Last Updated: 11/29/2016 12:34:56 AM **Trade Secret:** false
Chemical Name: Super Unleaded Gasoline
Common Name Inventory: Super Unleaded Gasoline

ID: 77022 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HWAST-0127596 **Active Permit:** true
CAS No: **Haz Material Type:**
Last Updated: 10/24/2017 12:16:22 PM **Trade Secret:** false
Chemical Name: Used filters and hoses
Common Name Inventory: Used filters and hoses

ID: 77020 **Permit Status:** Permit Renewed
Child Record ID: DEH2017-HCHEM-0149246 **Active Permit:** true
CAS No: 8006-61-9 **Haz Material Type:** Mixture
Last Updated: 10/24/2017 12:16:22 PM **Trade Secret:** false
Chemical Name: Super Unleaded Gasoline
Common Name Inventory: Super Unleaded Gasoline

ID:	131100	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2018-HWAST-0142723	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	04/22/2019 11:41:35 AM	**Trade Secret:**	false
Chemical Name:	Used filters and hoses		
Common Name Inventory:	Used filters and hoses		

ID:	5263	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2016-HCHEM-0120480	**Active Permit:**	true
CAS No:	8006-61-9	**Haz Material Type:**	Mixture
Last Updated:	11/29/2016 12:34:56 AM	**Trade Secret:**	false
Chemical Name:	Regular Unleaded Gasoline		
Common Name Inventory:	Regular Unleaded Gasoline		

ID:	5267	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2016-HWAST-0101418	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	11/29/2016 12:34:57 AM	**Trade Secret:**	false
Chemical Name:	Used filters and hoses		
Common Name Inventory:	Used filters and hoses		

ID:	427373	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2021-HWAST-0270476	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	07/14/2021 02:32:20 AM	**Trade Secret:**	false
Chemical Name:	Waste Gasoline/Water Mixture		
Common Name Inventory:	Waste Gasoline/Water Mixture		

ID:	470657	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2022-HWAST-0287008	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	04/16/2022 12:54:28 AM	**Trade Secret:**	false
Chemical Name:	Waste Gasoline/Water Mixture		
Common Name Inventory:	Waste Gasoline/Water Mixture		

ID:	470658	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2022-HWAST-0287009	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	04/16/2022 12:54:28 AM	**Trade Secret:**	false
Chemical Name:	Used filters and hoses		
Common Name Inventory:	Used filters and hoses		

ID:	5266	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2016-HWAST-0101417	**Active Permit:**	true
CAS No:		**Haz Material Type:**	
Last Updated:	11/29/2016 12:34:57 AM	**Trade Secret:**	false
Chemical Name:	Waste Oil/Water Mixture		
Common Name Inventory:	Waste Oil/Waster Mixture		

ID:	131098	**Permit Status:**	Permit Renewed
Child Record ID:	DEH2018-HCHEM-0168437	**Active Permit:**	true
CAS No:	86290-81-5	**Haz Material Type:**	Mixture
Last Updated:	04/22/2019 11:41:35 AM	**Trade Secret:**	false
Chemical Name:	Gasoline, Unleaded		
Common Name Inventory:	Gasoline		

Hazardous Materials Inspection Violations

Container Tank ID:		**Inspection No:**	6389041
Facility ID No:	37-000-103739	**Inspection Type:**	Routine
ID:	51915	**Inspection Date:**	02/12/2020 03:09:26 PM
UST ID:	17791	**Compliance Date:**	02/12/2020 12:00:00 AM
Permit Status:	Permit Renewed	**Last Updated:**	04/16/2022 12:54:24 AM
Active Permit:	true	**NOV:**	false
Program Element:	Underground Storage Tank		
Violation Classification:	Class II		
Violation Code:	2060020 (TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of		

liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2

Container Tank ID:
Facility ID No: 37-000-103739
ID: 51913
UST ID:
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification:
Violation Code: 2010012 Failure to maintain UST records in sufficient detail to enable the CUPA to determine whether the UST systems are in compliance. HSC 25293
Inspection No: 6389041
Inspection Type: Routine
Inspection Date: 02/12/2020 03:09:26 PM
Compliance Date:
Last Updated: 04/16/2022 12:54:24 AM
NOV:

Container Tank ID:
Facility ID No: 37-000-103739
ID: 51914
UST ID: 17791
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification: Class II
Violation Code: 2030017 (TCR 9d) Failure to meet one or more of the following monitoring requirements in lieu of the requirement to be tightness tested every 12 months: The monitoring system maintains all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected. The monitoring system shuts down the pump or stops flow when a leak is detected in the under dispenser containment (UDC). 23 CCR 2636(f)
Inspection No: 6389041
Inspection Type: Routine
Inspection Date: 02/12/2020 03:09:26 PM
Compliance Date: 02/12/2020 12:00:00 AM
Last Updated: 04/16/2022 12:54:24 AM
NOV: false

Container Tank ID:
Facility ID No: 37-000-103739
ID: 2153
UST ID: 17791
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification: Class I
Violation Code: 2030008 Failure to maintain under dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. HSC 25290.1, 25290.2, 25291
Inspection No: 5254941
Inspection Type: Routine
Inspection Date: 09/30/2015 11:19:18 AM
Compliance Date: 09/30/2015 12:00:00 AM
Last Updated: 04/16/2022 12:54:24 AM
NOV: false

Container Tank ID:
Facility ID No: 37-000-103739
ID: 2154
UST ID: 17793
Permit Status: Permit Renewed
Active Permit: true
Program Element: Underground Storage Tank
Violation Classification: Class II
Violation Code: 2060020 (RP) Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket, have a minimum capacity of 5 gallons, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion. 23 CCR 2635(b), 2665
Inspection No: 5727707
Inspection Type: Routine
Inspection Date: 09/26/2017 02:05:50 PM
Compliance Date: 09/26/2017 12:00:00 AM
Last Updated: 04/16/2022 12:54:24 AM
NOV: false

HMD Permits Map Data

GIS Facility ID: 37-000-103739
GIS CERS ID: 10357825
GIS Record Type: LUEG-DEH/HMD/UPFP/Facility
Per Type:
Per Sub Type:
Per Cat:
Record Status: Permit Renewed
HW Tier: Not Applicable
LRG QTY MW Gener: No
EPA ID No: CAD981160674
RMP CAL ARP: Not Applicable
Tank Owner: 8
SIC Code: 5541
Status:
ER Contact: 310-936-7136
ER Con Work Ph: 619-420-9710
Census Tract: 125.01
Parcel Zip: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Basin No: 909.12
BOS Dist: 1
Tbpg Grid:
Insp Dist: HT204
Feature ID: 5672010300
X Coord: 6302140.886

NAICS Code:	447110	**Y Coord:**	1810180.249
Disclose Qty Haz Mat:	Y	**Kiva Per Typ:**	HK07 103739
Exp Date:	6/29/2020	**Agency Name:**	COSD
Own/Operate USTs :		**Point X:**	6302140.88600001
UST Facility:	Motor Vehicle Fueling	**Point Y:**	1810180.249
Total No USTs:	4	**Lat GS84:**	32.6303221
No of Tanks:		**Lon GS84:**	-117.0929299
Own Oper APS:	N	**Loc Name:**	
Tot APSA Cap:	0	**Score:**	
Capacity LR:		**Match Type:**	
Haz Waste G:	Y	**Side:**	
Recycle100:	N	**X Map Coord:**	-117.09293879228605
Onsite Haz Waste Tre:	N	**Y Map Coord:**	32.63035086359414
RCRA LRG Qty:	N	**User Fld:**	
Haz Wst Coll Site:	N	**Addr Type:**	
Accept Offs:		**ARC Address:**	
Universal Waste Han:	N	**ARC City:**	
Toxic Gas:	No	**ARC Zipcode:**	
Hazmat EHS:	N	**ARC State:**	
Hazmat Rad:	No	**ARC APN:**	
Haz Waste Rad:	N	**Zip:**	
Haz Waste EHS:	N	**Farm Nursery:**	
Full Name:	World Oil Marketing Company	**Indian or Territory:**	N
Email Perm:		**County ID:**	
Phone Perm:	562-928-0100	**Bill Code 2:**	Not Applicable
Site Address:	685 H ST	**Bill Code 3:**	Not Applicable
Parcel No:	567-201-03-00	**Univ Waste Gen Type:**	

Record Ali:	Unified Program Facility Permit
Address:	685 H ST
Business Type:	UST - Retail Site - No Repair Service
Bill Code:	Not Applicable
ER Con Name:	Jaber Almasri
ER Con Title:	Company Representative
Water Purv:	CHULA VISTA
Fire Agency:	CHULA VISTA
Geo SRC:	Mapped to record APN/Parcel XY center
Match Addr:	
Hirt Flag:	Yes
Frhmbp Report Filename:	HMBP103739.pdf
Frhmbp Sitemap Filename:	MAP_103739.pdf

HMD Facility Data

ID:	29166	**Tank Status:**	Active
Record ID:	DEH2002-HUPFP-103739	**Tank Contents:**	Regular Unleaded
Facility ID No:	37-000-103739	**Tank Use:**	1a
Tank ID No:	17791	**Type of Tank:**	Double Wall
Permit Status:	Permit Renewed	**Piping System Type:**	Pressure
Active Permit:	true	**Last Updated:**	04/16/2022 12:54:28 AM
Tank Owner Name:	World Oil Marketing Company		
Facility Type Ust Facility:	Motor Vehicle Fueling		
Tank Capacity in Galons:	20000		
Date Ust Permanently Closed:			

HMD Facility Data

ID:	29169	**Tank Status:**	Active
Record ID:	DEH2002-HUPFP-103739	**Tank Contents:**	Premium Unleaded
Facility ID No:	37-000-103739	**Tank Use:**	1a
Tank ID No:	17794	**Type of Tank:**	Double Wall
Permit Status:	Permit Renewed	**Piping System Type:**	Pressure
Active Permit:	true	**Last Updated:**	04/16/2022 12:54:28 AM
Tank Owner Name:	World Oil Marketing Company		
Facility Type Ust Facility:	Motor Vehicle Fueling		
Tank Capacity in Galons:	20000		
Date Ust Permanently Closed:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

HMD Facility Data

ID:	29168	***Tank Status:***	Active
Record ID:	DEH2002-HUPFP-103739	***Tank Contents:***	Regular Unleaded
Facility ID No:	37-000-103739	***Tank Use:***	1a
Tank ID No:	17793	***Type of Tank:***	Double Wall
Permit Status:	Permit Renewed	***Piping System Type:***	Pressure
Active Permit:	true	***Last Updated:***	04/16/2022 12:54:28 AM
Tank Owner Name:	World Oil Marketing Company		
Facility Type Ust Facility:	Motor Vehicle Fueling		
Tank Capacity in Galons:	20000		
Date Ust Permanently Closed:			

HMD Facility Data

ID:	29167	***Tank Status:***	Active
Record ID:	DEH2002-HUPFP-103739	***Tank Contents:***	Regular Unleaded
Facility ID No:	37-000-103739	***Tank Use:***	1a
Tank ID No:	17792	***Type of Tank:***	Double Wall
Permit Status:	Permit Renewed	***Piping System Type:***	Pressure
Active Permit:	true	***Last Updated:***	04/16/2022 12:54:28 AM
Tank Owner Name:	World Oil Marketing Company		
Facility Type Ust Facility:	Motor Vehicle Fueling		
Tank Capacity in Galons:	20000		
Date Ust Permanently Closed:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	11 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO. #46 685 H ST CHULA VISTA CA 91910	UST

Facility ID:	37-000-103739	***Latitude:***	32.63032
CERS ID:	10357825	***Longitude:***	-117.09293
County:	San Diego		
Permitting Agency:	San Diego County Department of Environmental Health		
Site Facility Type:	PERMITTED UNDERGROUND STORAGE TANK (UST)		
Note:	Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search		

Tank Details

Epa Region:	9	***Tank Closure Date:***	
No. of Closed UST:	0	***Tank Configuration:***	Stand Alone Tank
No. of Inuse UST:		***Tank Contents:***	Regular Unleaded
No. of Oos UST:	0	***Tank Cp Impr Curr:***	No
Owner Type:	Non-Government	***Tank Cp Shutoff:***	No
Tank ID No.:	17791	***Tank Installatn Dt:***	6/23/1999 12:00:00 AM
Tank Status:	Renewal Permit	***Tank No of Compart:***	1
Tank Type:	Double Wall	***Tank Pc Constructn:***	Fiberglass
Tank Alarms:	Yes	***Tank Spill Bucket:***	Yes
Tank Ball Float:	Yes	***Tribal Lands:***	No
Tank Operator Name:	World Oil Marketing Company		
Tank Operator Mail Address:	9302 Garfield Ave.		
Tank Operator Mail City:	South Gate		
Tank Operator Mail State:	CA		
Tank Operator Mail Zip:	90280		
Tank Owner Name:	World Oil Marketing Company		
Tank Owner Mailing Address:	9302 Garfield Ave.		
Tank Owner Mailing City:	South Gate		
Tank Owner Mailing State:	CA		
Tank Owner Mailing Zip:	90280		
Tank Capacity Gallons:	20000		
Tank Piping Construction:	Double Walled		
Tank Piping Type:	Pressure		
Tank Pw Piping Construction:	Fiberglass		
Tank Sacrificial Anode:	No		

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: 17794
Tank Status: Renewal Permit
Tank Type: Double Wall
Tank Alarms: Yes
Tank Ball Float: Yes
Tank Operator Name: World Oil Marketing Company
Tank Operator Mail Address: 9302 Garfield Ave.
Tank Operator Mail City: South Gate
Tank Operator Mail State: CA
Tank Operator Mail Zip: 90280
Tank Owner Name: World Oil Marketing Company
Tank Owner Mailing Address: 9302 Garfield Ave.
Tank Owner Mailing City: South Gate
Tank Owner Mailing State: CA
Tank Owner Mailing Zip: 90280
Tank Capacity Gallons: 20000
Tank Piping Construction: Double Walled
Tank Piping Type: Pressure
Tank Pw Piping Construction: Fiberglass
Tank Sacrificial Anode: No

Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Premium Unleaded
Tank Cp Impr Curr: No
Tank Cp Shutoff: No
Tank Installatn Dt: 6/23/1999 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Fiberglass
Tank Spill Bucket: Yes
Tank Tribal Lands: No

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: 17793
Tank Status: Renewal Permit
Tank Type: Double Wall
Tank Alarms: Yes
Tank Ball Float: Yes
Tank Operator Name: World Oil Marketing Company
Tank Operator Mail Address: 9302 Garfield Ave.
Tank Operator Mail City: South Gate
Tank Operator Mail State: CA
Tank Operator Mail Zip: 90280
Tank Owner Name: World Oil Marketing Company
Tank Owner Mailing Address: 9302 Garfield Ave.
Tank Owner Mailing City: South Gate
Tank Owner Mailing State: CA
Tank Owner Mailing Zip: 90280
Tank Capacity Gallons: 20000
Tank Piping Construction: Double Walled
Tank Piping Type: Pressure
Tank Pw Piping Construction: Fiberglass
Tank Sacrificial Anode: No

Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Regular Unleaded
Tank Cp Impr Curr: No
Tank Cp Shutoff: No
Tank Installatn Dt: 6/23/1999 12:00:00 AM
Tank No of Compart: 1
Tank Pc Constructn: Fiberglass
Tank Spill Bucket: Yes
Tank Tribal Lands: No

Tank Details

Epa Region: 9
No. of Closed UST: 0
No. of Inuse UST:
No. of Oos UST: 0
Owner Type: Non-Government
Tank ID No.: 17792

Tank Closure Date:
Tank Configuration: Stand Alone Tank
Tank Contents: Regular Unleaded
Tank Cp Impr Curr: No
Tank Cp Shutoff: No
Tank Installatn Dt: 6/23/1999 12:00:00 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Status:	Renewal Permit	**Tank No of Compart:**	1
Tank Type:	Double Wall	**Tank Pc Constructn:**	Fiberglass
Tank Alarms:	Yes	**Tank Spill Bucket:**	Yes
Tank Ball Float:	Yes	**Tribal Lands:**	No
Tank Operator Name:	World Oil Marketing Company		
Tank Operator Mail Address:	9302 Garfield Ave.		
Tank Operator Mail City:	South Gate		
Tank Operator Mail State:	CA		
Tank Operator Mail Zip:	90280		
Tank Owner Name:	World Oil Marketing Company		
Tank Owner Mailing Address:	9302 Garfield Ave.		
Tank Owner Mailing City:	South Gate		
Tank Owner Mailing State:	CA		
Tank Owner Mailing Zip:	90280		
Tank Capacity Gallons:	20000		
Tank Piping Construction:	Double Walled		
Tank Piping Type:	Pressure		
Tank Pw Piping Construction:	Fiberglass		
Tank Sacrificial Anode:	No		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	12 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OILCHULA VISTA 685 H ST CHULA VISTA CA 91910	EMISSIONS

2003 Criteria Data

Facility ID:	1905	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	4.4951424
CO:	37	**ROGT:**	4.4951424
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2003 Toxic Data

Facility ID:	1905	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	13 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL / CHULA VISTA 685 H ST CHULA VISTA CA 91910	EMISSIONS

1999 Criteria Data

Facility ID:	1905	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	4.0600476
CO:	37	**ROGT:**	4.0600476
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

1999 Toxic Data

Facility ID:	1905	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	1905	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	4.4951424
CO:	37	***ROGT:***	4.4951424
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2000 Toxic Data

Facility ID:	1905	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	1905	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	4.5
CO:	37	***ROGT:***	4.5
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2001 Toxic Data

Facility ID:	1905	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Criteria Data

Facility ID:	1905	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	4.4951424

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO:	37	**ROGT:**	4.4951424
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2002 Toxic Data

Facility ID:	1905	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	14 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL CO 685 H ST CHULA VISTA CA 91910	EMISSIONS

2006 Criteria Data

Facility ID:	1905	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	5.23
CO:	37	**ROGT:**	5.23
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2006 Toxic Data

Facility ID:	1905	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	15 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL CO 685H ST CHULA VISTA CA 91910	EMISSIONS

2004 Criteria Data

Facility ID:	1905	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	5.23
CO:	37	**ROGT:**	5.23
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2004 Toxic Data

Facility ID:	1905	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2005 Criteria Data

Facility ID:	1905	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	5.23
CO:	37	***ROGT:***	5.23
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2005 Toxic Data

Facility ID:	1905	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2007 Criteria Data

Facility ID:	1905	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	5.23
CO:	37	***ROGT:***	5.23
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2007 Toxic Data

Facility ID:	1905	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	1905	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	5.23

CO:	37	**ROGT:**	5.23
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2008 Toxic Data

Facility ID:	1905	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	1905	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	5.23
CO:	37	**ROGT:**	5.23
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2009 Toxic Data

Facility ID:	1905	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	1905	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	1905	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	5.23
CO:	37	**ROGT:**	5.23
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	

CHAPIS: **PM10T:**

2011 Toxic Data

Facility ID: 1905
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2012 Criteria Data

Facility ID: 1905
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:

CERR Code:
TOGT: 5.23
ROGT: 5.23
COT:
NOXT:
SOXT:
PMT:
PM10T:

2012 Toxic Data

Facility ID: 1905
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2013 Criteria Data

Facility ID: 1905
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:

CERR Code:
TOGT: 5.23
ROGT: 5.23
COT:
NOXT:
SOXT:
PMT:
PM10T:

2013 Toxic Data

Facility ID: 1905
Facility SIC Code: 5541
CO: 37
Air Basin: SD
District: SD
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

COID: SD
DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:

2014 Criteria Data

Facility ID:	1905	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	5.23
CO:	37	**ROGT:**	5.23
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2014 Toxic Data

Facility ID:	1905	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	1905	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	5.23
CO:	37	**ROGT:**	5.23
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2015 Toxic Data

Facility ID:	1905	**COID:**	SD
Facility SIC Code:	5541	**DISN:**	SAN DIEGO COUNTY APCD
CO:	37	**CHAPIS:**	
Air Basin:	SD	**CERR Code:**	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	1905	**CERR CODE:**	
Facility SIC Code:	5541	**TOGT:**	5.23
CO:	37	**ROGT:**	5.23
Air Basin:	SD	**COT:**	
District:	SD	**NOXT:**	
COID:	SD	**SOXT:**	
DISN:	SAN DIEGO COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2016 Toxic Data

Facility ID:	1905	**TS:**	
Facility SIC Code:	5541	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	SD	**AH Index:**	
CO:	37	**Air Basin:**	SD
DISN:	SAN DIEGO COUNTY APCD	**District:**	SD

CHAPIS:

2017 Criteria Data

Facility ID:	1905	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	5.23
CO:	37	***ROGT:***	5.23
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2017 Toxic Data

Facility ID:	1905	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	1905	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	5.23
CO:	37	***ROGT:***	5.23
Air Basin:	SD	***COT:***	
District:	SD	***NOXT:***	
COID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2018 Toxic Data

Facility ID:	1905	***COID:***	SD
Facility SIC Code:	5541	***DISN:***	SAN DIEGO COUNTY APCD
CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
District:	SD		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	37	***CHAPIS:***	
Air Basin:	SD	***CERR Code:***	
Facility ID:	1905	***ROGT:***	5.23
District:	SD	***COT:***	
Facility SIC Code:	5541	***NOXT:***	
CO ID:	SD	***SOXT:***	
DISN:	SAN DIEGO COUNTY APCD		
PM10T:			
TOGT:	5.23		
PMT:			

2019 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO: 37
Air Basin: SD
Faccility ID: 1905
District: SD
Facility SIC Code: 5541
COID: SD
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

DISN: SAN DIEGO COUNTY APCD
CHAPIS:
CERR Code:
TS:
Health Risk Asmt:

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52 | **16 of 19** | **ESE** | **0.24 / 1,277.47** | **28.20 / 10** | **WORLD OIL MARKETING CO. #46**
685 H ST
CHULA VISTA CA 91910 | ***CERS TANK***

Site ID: 172366
Longitude: -117.092884

Latitude: 32.630251

Regulated Programs

EI ID: T0607301884
EI Description: Leaking Underground Storage Tank Cleanup Site

EI ID: 10357825
EI Description: Hazardous Waste Generator

EI ID: 10357825
EI Description: Chemical Storage Facilities

EI ID: 10357825
EI Description: Underground Storage Tank

EI ID: 110018988871
EI Description: US EPA Air Emission Inventory System (EIS)

Violations

Violation Date: 02/12/2020
Violation Program: UST
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Notes:

Violation Source: CERS
Violation Division: San Diego County Department of Env Health

Returned to compliance on 02/12/2020. Inspection Sequence ID:6389041;Tank ID:17791,17792;Violation Description:(TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2

Violation Description:

"Failure to meet one or more of the following requirements:

Install or maintain a liquid-tight spill container.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill container.

Be resistant to galvanic corrosion.

Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container.

Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Tested by a certified UST service technician.

Maintain records of spill containment testing for 36 months.

"

Violations

Violation Date: 02/12/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2636(f)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(4)
Violation Notes:

Returned to compliance on 02/12/2020. Inspection Sequence ID:6389041;Tank ID:17791,17792,17793;Violation Description:(TCR 9d) Failure to meet one or more of the following monitoring requirements in lieu of the requirement to be tightness tested every 12 months: The monitoring system maintains all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected. The monitoring system shuts down the pump or stops flow when a leak is detected in the under dispenser containment (UDC). 23 CCR 2636(f)

Violation Description:

Failure to meet one or more of the following monitoring requirements in lieu of the requirement to be tightness tested every 12 months: The monitoring system maintains all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected. The monitoring system shuts down the pump or stops flow when a leak is detected in the under dispenser containment (UDC).

Violations

Violation Date: 09/26/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Notes:

Returned to compliance on 09/26/2017.

Violation Description:

Failure to comply with one or more of the following:

Failure to install or maintain a liquid-tight spill bucket.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container.

Be resistant to galvanic corrosion.

Violations

Violation Date: 02/12/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Notes:

Returned to compliance on 02/12/2020. Inspection Sequence ID:6389041;Tank ID:17791,17792,17793,17794;Violation Description:Failure to maintain UST records in sufficient detail to enable the CUPA to determine whether the UST systems are in compliance. HSC 25293

Violation Description:

Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.

Violations

Violation Date: 09/30/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** San Diego County Department of Env Health
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Notes:

Returned to compliance on 09/30/2015. Inspection Sequence ID:5254941;Tank ID:17791,17792,17793,17794;Violation Description:Failure to maintain under dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. HSC 25290.1, 25290.2, 25291

Violation Description:

Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

Evaluations

Eval Date: 02/24/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6866539; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/24/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6866539; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/02/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5898801; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/28/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5500361; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/02/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:4086938; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/02/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5898801; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/01/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Tank HT205 Inspection ID:5110174; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/25/2021
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

"No On-site Inspection" Inspector: Kiener Michael Inspection ID:6651993; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/30/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5254941; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/26/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5727707; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/02/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5898801; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/01/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Tank HT205 Inspection ID:5110174; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/26/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5727707; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/14/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6079706; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/28/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5500361; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/14/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6079706; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/26/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST

Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5727707; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/12/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6389041; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/30/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:5254941; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/01/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS
Eval Notes:

Inspector: Tank HT205 Inspection ID:5110174; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/02/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Archer Veronica Inspection ID:4086938; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/24/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6866539; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/14/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency

Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspector: Kiener Michael Inspection ID:6079706; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Regional Board Caseworker
Entity Name: SEAN MCCLAIN - SAN DIEGO RWQCB (REGION 9)
Entity Title:
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
State: CA
Country:
Zip Code:
Phone: 6195213374

Affil Type Desc: UST Property Owner Name
Entity Name: World Oil Corp.
Entity Title:
Address: 9302 Garfield Ave.
City: South Gate
State: CA
Country: United States
Zip Code: 90280
Phone: (562) 928-0100

Affil Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title:
Address: PO Box 129261
City: San Diego
State: CA
Country:
Zip Code: 92112-9261
Phone: (858) 505-6880

Affil Type Desc: Environmental Contact
Entity Name: John Hundley
Entity Title:
Address: 9302 Garfield Ave.
City: South Gate
State: CA
Country:
Zip Code: 90280
Phone:

Affil Type Desc: Parent Corporation
Entity Name: World Oil Marketing Company
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Regional Board Caseworker
Entity Name: SEAN MCCLAIN SAN DIEGO RWQCB REGN 9
Entity Title:
Address: 2375 NORTHSIDE DRIVENA SUITE 100
City: SANDIEGO
State:
Country:
Zip Code:

Phone:

Affil Type Desc: UST PO Name
Entity Name: WLD OIL CORPRT
Entity Title:
Address: 9302 GARFIELD AVE
City: SOUTHGATE
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Local Agency Caseworker
Entity Name: EWAN MOFFAT SAN DIEGO CNTY LOP
Entity Title:
Address: POBOX 129261
City: SANDIEGO
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: World Oil Marketing Company
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (562) 928-0100

Affil Type Desc: Identification Signer
Entity Name: Jim Tostado
Entity Title: Director
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: World Oil Corp.
Entity Title:
Address: 9302 Garfield Ave.
City: South Gate
State: CA
Country: United States
Zip Code: 90280
Phone: (562) 928-0100

Affil Type Desc: UST Permit Applicant
Entity Name: Jim Tostado
Entity Title: Director
Address:
City:
State:
Country:
Zip Code:
Phone: (562) 928-0100

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 9302 Garfield Ave.
City: South Gate
State: CA
Country:

Zip Code: 90280
Phone:

Affil Type Desc: Property Owner
Entity Name: WLD OIL CORPRT
Entity Title:
Address: 9302 GARFIELD AVE
City: SOUTHGATE
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Evelyn Kywe
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: World Oil Marketing Company
Entity Title:
Address: 9302 Garfield Ave.
City: South Gate
State: CA
Country: United States
Zip Code: 90280
Phone: (562) 928-0100

Affil Type Desc: Environmental Contact
Entity Name: JOHN HUNDLEY
Entity Title:
Address: 9302 GARFIELD AVE
City: SOUTHGATE
State:
Country:
Zip Code:
Phone:

Affil Type Desc: UST Tank Owner
Entity Name: World Oil Marketing Company
Entity Title:
Address: 9302 Garfield Ave.
City: South Gate
State: CA
Country: United States
Zip Code: 90280
Phone: (562) 928-0100

Affil Type Desc: UST Tank Operator
Entity Name: World Oil Marketing Company
Entity Title:
Address: 9302 Garfield Ave.
City: South Gate
State: CA
Country: United States
Zip Code: 90280
Phone: (562) 928-0100

Coordinates

Env Int Type Code: HWG
Program ID: 10357825
Latitude: 32.630320
Longitude: -117.092930
Coord Name:
Ref Point Type Desc: Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	17 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO. #46 685 "H" STREET CHULA VISTA CA	HIST TANK

Owner Name:	WORLD OIL MARKETING COMPANY	**No of Containers:**	5
Owner Street:	9302 S. GARFIELD AVENUE	**County:**	SAN DIEGO
Owner City:	SOUTH GATE	**Facility State:**	CA
Owner State:	CA	**Facility Zip:**	92010
Owner Zip:	90280		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
52	18 of 19	ESE	0.24 / 1,277.47	28.20 / 10	WORLD OIL MARKETING CO. #46 685 H ST CHULA VISTA CA	UST SWEEPS

C C:	A37-000-3739	**D Filename:**	SITE02A
BOE:	44-011115	**Page No:**	54
Comp:	3739	**County:**	SAN DIEGO
Status:	ACTIVE	**State :**	CA
No of Tanks:	5	**Zip:**	91910
Jurisdict:	SAN DIEGO COUNTY	**Latitude:**	32.630274
Agency:	SAN DIEGO COUNTY - U.S.T.	**Longitude:**	-117.092304
Phone:		**Georesult:**	S5HPNTSCZA

Tank Details

Tank ID:	000004	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-003739-000004	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	LEADED
Capac:	10000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000005	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-003739-000005	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	LEADED
Capac:	10000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000003	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-003739-000003	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	LEADED
Capac:	10000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000001	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-003739-000001	**Storage :**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

Tank Details

Tank ID:	000002	**S Contain:**	
O Tank ID:		**Stg:**	P
SWRCB No:	37-000-003739-000002	**Storage :**	
Removed:		**Storag Type:**	PRODUCT
Installed:		**P Contain:**	
A Date:		**Content:**	REG UNLEADED
Capac:	12000	**ONA:**	
Tank Use:	M.V. FUEL	**D File Name:**	TANK2A

52	19 of 19	ESE	0.24 / 1,277.47	28.20 / 10	**WORLD OIL MARKETING CO. #46** **685 H ST** **CHULA VISTA CA 91910**	**UST** **SANDIEGO**

Facility ID:	37-000-103739	**RCRA Large Qty. Gen:**	false
Record ID:	DEH2002-HUPFP-103739	**HHW Collection:**	false
CERS ID:	10357825	**Recycle:**	false
EPA ID No:	CAD981160674	**Own or Operate UG:**	true
Permit Status:	Permit Renewed	**Own or Operate AG:**	false
Active Permit:	true	**Business Phone:**	562-928-0100
Haz. Mat. On-Site:	true	**Business Fax:**	5629280391
Haz. Waste Gen:	true	**Last Updated:**	2022 Sep 30 01:23:47 AM
Onsite Haz Wt Trt:	false		
Mailing Address:	9302 Garfield Ave., South Gate, CA 90280		

Tank Information

Tank ID:	17791	**Tank Capacity in Gal:**	20000
Tank Status:	Active	**Tank Contents:**	Regular Unleaded
Permit Status:	Permit Renewed	**Tank Use:**	1a
Active Permit:	true	**Piping Sys Type:**	Pressure
Dt UST Perm Closed:		**Fac Type (UST Fac):**	Motor Vehicle Fueling
Type of Tank:	Double Wall	**Last Updated:**	2022 Sep 30 01:23:50 AM
Tank Owner Name:	World Oil Marketing Company		

Tank ID:	17794	**Tank Capacity in Gal:**	20000
Tank Status:	Active	**Tank Contents:**	Premium Unleaded
Permit Status:	Permit Renewed	**Tank Use:**	1a
Active Permit:	true	**Piping Sys Type:**	Pressure
Dt UST Perm Closed:		**Fac Type (UST Fac):**	Motor Vehicle Fueling
Type of Tank:	Double Wall	**Last Updated:**	2022 Sep 30 01:23:50 AM
Tank Owner Name:	World Oil Marketing Company		

Tank ID:	17793	**Tank Capacity in Gal:**	20000
Tank Status:	Active	**Tank Contents:**	Regular Unleaded
Permit Status:	Permit Renewed	**Tank Use:**	1a
Active Permit:	true	**Piping Sys Type:**	Pressure
Dt UST Perm Closed:		**Fac Type (UST Fac):**	Motor Vehicle Fueling
Type of Tank:	Double Wall	**Last Updated:**	2022 Sep 30 01:23:50 AM
Tank Owner Name:	World Oil Marketing Company		

Tank ID:	17792	**Tank Capacity in Gal:**	20000
Tank Status:	Active	**Tank Contents:**	Regular Unleaded
Permit Status:	Permit Renewed	**Tank Use:**	1a
Active Permit:	true	**Piping Sys Type:**	Pressure
Dt UST Perm Closed:		**Fac Type (UST Fac):**	Motor Vehicle Fueling
Type of Tank:	Double Wall	**Last Updated:**	2022 Sep 30 01:23:50 AM
Tank Owner Name:	World Oil Marketing Company		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
53	1 of 1	ENE	0.24 / 1,279.54	33.47 / 15	VISTAN APARTMENTS - ESSEL MANAGEMENT 417 OAKLAWN AVENUE UNIT C CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC003173668
Gen Status Universe: No Report
Contact Name: VISTAN APARTMENTS-ESSEL MANAGEMENT
Contact Address: 619 KETTNER BOULEVARD, SUITE A, SAN DIEGO, CA, 92101,
Contact Phone No and Ext: 619-297-3801
Contact Email: DAVIDB@ESSELMANAGERINC.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20220429
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220429
Handler Name: VISTAN APARTMENTS - ESSEL MANAGEMENT
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: VISTAN APARTMENTS-ESSEL MANAGEMENT
Date Became Current:
Date Ended Current:
Phone: 619-297-3801
Source Type: Implementer

Street No:
Street 1: 619 KETTNER BOULEVARD
Street 2: SUITE A
City: SAN DIEGO
State: CA
Country:
Zip Code: 92101

Owner/Operator Ind: Current Operator
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	619 KETTNER BOULEVARD
Name:	VISTAN APARTMENTS-ESSEL MANAGEMENT	**Street 2:**	SUITE A
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-297-3801	**Country:**	
Source Type:	Implementer	**Zip Code:**	92101

54 **1 of 1** **SSW** **0.24 / 1,280.16** **7.73 / -11** **CA** **PFAS GW**

Well ID:	SL209294204-PMW103(UB)	**SRS Latitude:**	32.626540499999997
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.1007414
Gm Data Source:	GeoTracker	**Latitude:**	32.626540499999997
Gm Well Category:	MONITORING	**Longitude:**	-117.1007414
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW103(UB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L

Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.54	**SRC Result:**	.54
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time:	1140
SRC Screen Top Depth Ft:	40.17
SRC Screen Bottom Depth Ft:	50.17
SRC Lab Note:	J,DX

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	.66	**SRC Result:**	.66
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	3.7	**SRC Result:**	3.7
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.7	**SRC Result:**	.7
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.58	**SRC Result:**	.58
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		

Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:
SRC Chemical: PFUNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: LR,CI
SRC Chemical: PFODA
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: CI
SRC Chemical: PFDOA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOSA
Gm Result:	.55	***SRC Result:***	.55
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.4
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: J,DX,CI
SRC Chemical: PFBSA
SRC Result: 1.4
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: CI
SRC Chemical: ETFOSE
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .68
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: J,DX
SRC Chemical: PFHA
SRC Result: .68
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	3.9	**SRC Result:**	3.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	MB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		

Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	40.17
Gm Screen Bottom Depth Ft:	50.17
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1140
SRC Screen Top Depth Ft:	40.17
SRC Screen Bottom Depth Ft:	50.17
SRC Lab Note:	J,DX,CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	2.9	**SRC Result:**	2.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.8
Gm Reporting Limit:	4.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	3.3	***SRC Result:***	3.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	1.3	**SRC Result:**	1.3
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	3.3	**SRC Result:**	3.3
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: J,DX

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:

SRC Chemical: ADONA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .85
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: J,DX,CI

SRC Chemical: PFHPA
SRC Result: .85
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: CI

SRC Chemical: PFDSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	.91	**SRC Result:**	.91
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		

Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:
SRC Chemical: PFHXSA
SRC Result: 1.9
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:
SRC Chemical: 10:2FTS
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .56
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NMEFOSAA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:
SRC Chemical: NMEFOSAA
SRC Result: .56
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	1.3	***SRC Result:***	1.3
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note: CI
SRC Chemical: 9ClPF3ONS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:
SRC Chemical: MEFOSA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.17
Gm Screen Bottom Depth Ft: 50.17
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1140
SRC Screen Top Depth Ft: 40.17
SRC Screen Bottom Depth Ft: 50.17
SRC Lab Note:
SRC Chemical: PFHPSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		

Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	40.17
Gm Screen Bottom Depth Ft:	50.17
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1140
SRC Screen Top Depth Ft:	40.17
SRC Screen Bottom Depth Ft:	50.17
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	3.9	***SRC Result:***	3.9
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.8
Gm Reporting Limit:	4.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.17		
Gm Screen Bottom Depth Ft:	50.17		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1140		
SRC Screen Top Depth Ft:	40.17		
SRC Screen Bottom Depth Ft:	50.17		
SRC Lab Note:			

55	***1 of 1***	***ENE***	***0.24 / 1,283.94***	***31.70 / 13***	***VISTAN APARTMENTS - ESSEL MANAGEMENT 425 OAKLAWN AVENUE UNIT C CHULA VISTA CA 92101***	***RCRA NON GEN***

EPA Handler ID:	CAC003173669
Gen Status Universe:	No Report

Contact Name:	VISTAN APARTMENTS-ESSEL MANAGEMENT
Contact Address:	619 KETTNER BOULEVARD, SUITE A, SAN DIEGO, CA, 92101,
Contact Phone No and Ext:	619-297-3801
Contact Email:	DAVIDB@ESSELMANAGERINC.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20220429
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220429
Handler Name:	VISTAN APARTMENTS - ESSEL MANAGEMENT
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	619 KETTNER BOULEVARD
Name:	VISTAN APARTMENTS-ESSEL MANAGEMENT	***Street 2:***	SUITE A
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-297-3801	***Country:***	
Source Type:	Implementer	***Zip Code:***	92101

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	619 KETTNER BOULEVARD
Name:	VISTAN APARTMENTS-ESSEL MANAGEMENT	***Street 2:***	SUITE A
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-297-3801	***Country:***	
Source Type:	Implementer	***Zip Code:***	92101

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
56	1 of 1	SSW	0.24 / 1,286.77	7.73 / -11	CA	PFAS GW

Well ID: SL209294204-PMW103(A)
Gm Dataset Name: WB_CLEANUP
Gm Data Source: GeoTracker
Gm Well Category: MONITORING
SRS Datum: NAD83
Gm Altwell Id1: PMW103(A)
Gm Altwell Id2:
Gm Altwell Id3:

SRS Latitude: 32.626534700000001
SRS Longitude: -117.1007637
Latitude: 32.626534700000001
Longitude: -117.1007637

Well Details

Gm Cas No:
Gm Result: 1.5
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: J,DX,CI

SRC Chemical: PFNDCA
SRC Result: 1.5
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI

SRC Chemical: PFNS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022

SRC Chemical: PFHPSA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

SRC Samp Collection Time:	1400
SRC Screen Top Depth Ft:	10.1
SRC Screen Bottom Depth Ft:	25.1
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	4.9	**SRC Result:**	4.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	MB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	4.4	**SRC Result:**	4.4
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	7.1	**SRC Result:**	7.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	4.9	**SRC Result:**	4.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.9
Gm Reporting Limit:	4.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		

Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.1
Gm Screen Bottom Depth Ft:	25.1
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1400
SRC Screen Top Depth Ft:	10.1
SRC Screen Bottom Depth Ft:	25.1
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.58	**SRC Result:**	.58
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	4.3	***SRC Result:***	4.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1.1
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: J,DX,CI
SRC Chemical: NETFOSAA
SRC Result: 1.1
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI
SRC Chemical: PFUNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI
SRC Chemical: PFOSA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		

Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.1
Gm Screen Bottom Depth Ft:	25.1
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1400
SRC Screen Top Depth Ft:	10.1
SRC Screen Bottom Depth Ft:	25.1
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.1
Gm Screen Bottom Depth Ft:	25.1
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1400
SRC Screen Top Depth Ft:	10.1
SRC Screen Bottom Depth Ft:	25.1
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorodecanesulfonic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.1
Gm Screen Bottom Depth Ft:	25.1
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1400
SRC Screen Top Depth Ft:	10.1
SRC Screen Bottom Depth Ft:	25.1
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	2.2	**SRC Result:**	2.2
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoroheptanoic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.1
Gm Screen Bottom Depth Ft:	25.1
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1400
SRC Screen Top Depth Ft:	10.1
SRC Screen Bottom Depth Ft:	25.1
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	4.2	***SRC Result:***	4.2
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	2	***SRC Result:***	2
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	1.2	***SRC Result:***	1.2
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	9.1	**SRC Result:**	9.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.9
Gm Reporting Limit:	4.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1.3
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: J,DX,CI
SRC Chemical: PFNA
SRC Result: 1.3
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .91
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: J,DX,CI
SRC Chemical: NETFOSAA
SRC Result: .91
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.4
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: J,DX,CI
SRC Chemical: PFNA
SRC Result: 1.4
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.9
Gm Reporting Limit:	4.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	4.7	**SRC Result:**	4.7
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	6.8	**SRC Result:**	6.8
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		

Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.1
Gm Screen Bottom Depth Ft:	25.1
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1400
SRC Screen Top Depth Ft:	10.1
SRC Screen Bottom Depth Ft:	25.1
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	1.7	**SRC Result:**	1.7
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.99	***SRC Result:***	.99
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	.99	***SRC Result:***	.99
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.99	***SRC Result:***	.99
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.59	**SRC Result:**	.59
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		

SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .99
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: LR,CI

SRC Chemical: PFHXDA
SRC Result: .99
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI

SRC Chemical: PFHPA
SRC Result: 2.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI

SRC Chemical: HFPA-DA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	8.1	**SRC Result:**	8.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		

Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI
SRC Chemical: 10:2FTS
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI
SRC Chemical: ADONA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.1
Gm Screen Bottom Depth Ft: 25.1
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1400
SRC Screen Top Depth Ft: 10.1
SRC Screen Bottom Depth Ft: 25.1
SRC Lab Note: CI
SRC Chemical: PFHPSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	1.2	***SRC Result:***	1.2
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.1		
Gm Screen Bottom Depth Ft:	25.1		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1400		
SRC Screen Top Depth Ft:	10.1		
SRC Screen Bottom Depth Ft:	25.1		
SRC Lab Note:	LR,CI		

57	*1 of 1*	*SW*	*0.24 / 1,287.73*	*9.65 / -9*	*CA*	*PFAS GW*

Well ID:	SL209294204-PMW101(A)	**SRS Latitude:**	32.627179699999999
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.101277
Gm Data Source:	GeoTracker	**Latitude:**	32.627179699999999
Gm Well Category:	MONITORING	**Longitude:**	-117.101277
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW101(A)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorononanesulfonic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorononanesulfonic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	4.3	**SRC Result:**	4.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorooctanoic sulfonate
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06

SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	Perfluorohexadecanoic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	LR,CI

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.56	***SRC Result:***	.56
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	.92	***SRC Result:***	.92
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	8:2FTS	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<

Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	1.8	***SRC Result:***	1.8
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.6
Gm Reporting Limit:	4.6	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		

SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: CI

SRC Chemical: PFPES
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: CI

SRC Chemical: PFOA
SRC Result: 2
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

SRC Chemical: PFPES
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	.68	**SRC Result:**	.68
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorohexadecanoic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	LR

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorononanoic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	J,DX

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	.83	**SRC Result:**	.83
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorobutanesulfonic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	J,DX,CI

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06

SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	PFOS
Gm Result:	4.3	***SRC Result:***	4.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	MB,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		

SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Chemical: PFNDCA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Chemical: 11ClPF3OUDS
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Chemical: PFHXSA
SRC Result: .92
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	.62	**SRC Result:**	.62
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
SRC Chemical: PFTEDA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
SRC Chemical: PFOSA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
SRC Chemical: NETFOSAA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06

SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	Perfluorobutanoic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		

SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Chemical: HFPA-DA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Chemical: 9ClPF3ONS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Chemical: PFNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: CI

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	.74	**SRC Result:**	.74
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoropentanoicacid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	10.06
Gm Screen Bottom Depth Ft:	25.06
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1420
SRC Screen Top Depth Ft:	10.06
SRC Screen Bottom Depth Ft:	25.06
SRC Lab Note:	J,DX

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	.83	**SRC Result:**	.83
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		

SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: J,DX
SRC Chemical: PFHA
SRC Result: .92
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: CI
SRC Chemical: PFDSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.8
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.6
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:
SRC Chemical: 6:2FTS
SRC Result: 1.8
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: <
SRC Chemical: PFODA
SRC Result: .92
SRC Result Modifie: <

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		

SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: J,DX

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note: LR,CI

SRC Chemical: PFODA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

SRC Chemical: PFDSA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 10.06
Gm Screen Bottom Depth Ft: 25.06
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1420
SRC Screen Top Depth Ft: 10.06
SRC Screen Bottom Depth Ft: 25.06
SRC Lab Note:

SRC Chemical: ADONA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	2.1	**SRC Result:**	2.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	10.06		
Gm Screen Bottom Depth Ft:	25.06		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1420		
SRC Screen Top Depth Ft:	10.06		
SRC Screen Bottom Depth Ft:	25.06		
SRC Lab Note:	CI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
58	1 of 1	SW	0.24 / 1,288.87	9.65 / -9	CA	PFAS GW

Well ID:	SL209294204-PMW101(UB)	**SRS Latitude:**	32.627160199999999
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.1012691
Gm Data Source:	GeoTracker	**Latitude:**	32.627160199999999
Gm Well Category:	MONITORING	**Longitude:**	-117.1012691
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW101(UB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		

SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:
SRC Chemical: PFNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI
SRC Chemical: HFPA-DA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:
SRC Chemical: 9ClPF3ONS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
SRC Chemical: 8:2FTS
SRC Result: .92

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.61	**SRC Result:**	.61
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		

Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: J,DX

Well Details

Gm Cas No:
Gm Result: 5.8
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: MB,CI
SRC Chemical: PFOS
SRC Result: 5.8
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:
SRC Chemical: MEFOSE
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.3
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: J,DX,CI
SRC Chemical: PFBSA
SRC Result: 1.3
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	2.4	***SRC Result:***	2.4
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNA
Gm Result:	1.1	***SRC Result:***	1.1
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		

SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .55
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NMEFOSAA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI
SRC Chemical: NMEFOSAA
SRC Result: .55
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:
SRC Chemical: 8:2FTS
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .81
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: J,DX,CI
SRC Chemical: PFNA
SRC Result: .81
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.4
SRC Chemical: PFHPA
SRC Result: 3.4

Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		

Gm Screen Bottom Depth Ft:	50.98
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1445
SRC Screen Top Depth Ft:	40.98
SRC Screen Bottom Depth Ft:	50.98
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.54	**SRC Result:**	.54
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	.92	***SRC Result:***	.92
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSA	***SRC Report Limit:***	4.6
Gm Reporting Limit:	4.6	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSA	***SRC Report Limit:***	4.8
Gm Reporting Limit:	4.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** MEFOSA
Gm Result: .92 ***SRC Result:*** .92
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: MEFOSA ***SRC Report Limit:*** 2.8
Gm Reporting Limit: 2.8 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** HFPA-DA
Gm Result: .48 ***SRC Result:*** .48
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: HFPA-DA ***SRC Report Limit:*** 2.9
Gm Reporting Limit: 2.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:

Well Details

Gm Cas No: ***SRC Chemical:*** 11ClPF3OUDS
Gm Result: .48 ***SRC Result:*** .48
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: 11ClPF3OUDS ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98

SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI
SRC Chemical: PFOSA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.9
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI
SRC Chemical: PFOA
SRC Result: 3.9
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:
SRC Chemical: PFUNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
SRC Chemical: PFTEDA
SRC Result: .46

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		

Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: LR

Well Details

Gm Cas No:
Gm Result: 1.8
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.6
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI
SRC Chemical: 6:2FTS
SRC Result: 1.8
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.6
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: J,DX
SRC Chemical: PFBSA
SRC Result: 1.6
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:
SRC Chemical: PFHXSA
SRC Result: 3.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.92	***SRC Result:***	.92
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	2.6	***SRC Result:***	2.6
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.6
Gm Reporting Limit:	4.6	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		

SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: LR,CI

SRC Chemical: PFODA
SRC Result: .92
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.2
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:

SRC Chemical: PFPA
SRC Result: 3.2
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI

SRC Chemical: PFNS
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.9

SRC Chemical: 6:2FTS
SRC Result: 1.9

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	5.5	**SRC Result:**	5.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		

Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 3.3
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: J,DX

SRC Chemical: PFBTA
SRC Result: 3.3
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .64
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: J,DX,CI

SRC Chemical: PFPES
SRC Result: .64
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note:

SRC Chemical: PFHA
SRC Result: 3.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	2.4	***SRC Result:***	2.4
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	2.3	***SRC Result:***	2.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	4.7	**SRC Result:**	4.7
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		
SRC Screen Bottom Depth Ft:	50.98		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	40.98		
Gm Screen Bottom Depth Ft:	50.98		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	40.98		

SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 3.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 40.98
Gm Screen Bottom Depth Ft: 50.98
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 40.98
SRC Screen Bottom Depth Ft: 50.98
SRC Lab Note: CI

SRC Chemical: PFHXSA
SRC Result: 3.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

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59 | ***1 of 1*** | ***SW*** | ***0.24 / 1,290.27*** | ***9.65 / -9*** | ***CA*** | ***PFAS GW***

Well ID: SL209294204-PMW101(LB)
Gm Dataset Name: WB_CLEANUP
Gm Data Source: GeoTracker
Gm Well Category: MONITORING
SRS Datum: NAD83
Gm Altwell Id1: PMW101(LB)
Gm Altwell Id2:
Gm Altwell Id3:

SRS Latitude: 32.627135600000003
SRS Longitude: -117.1012588
Latitude: 32.627135600000003
Longitude: -117.1012588

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI

SRC Chemical: PFTRIDA
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/12/2022

SRC Chemical: PFNDCA
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Gm Screen Top Depth Ft:	116.2
Gm Screen Bottom Depth Ft:	126.2
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1500
SRC Screen Top Depth Ft:	116.2
SRC Screen Bottom Depth Ft:	126.2
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	116.2
Gm Screen Bottom Depth Ft:	126.2
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1500
SRC Screen Top Depth Ft:	116.2
SRC Screen Bottom Depth Ft:	126.2
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorooctane sulfonamide
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	116.2
Gm Screen Bottom Depth Ft:	126.2
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1500
SRC Screen Top Depth Ft:	116.2
SRC Screen Bottom Depth Ft:	126.2
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.91	**SRC Result:**	.91
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date:	01/12/2022
Gm Screen Top Depth Ft:	116.2
Gm Screen Bottom Depth Ft:	126.2
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1500
SRC Screen Top Depth Ft:	116.2
SRC Screen Bottom Depth Ft:	126.2
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.91	***SRC Result:***	.91
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.7
Gm Reporting Limit:	2.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	1.8	***SRC Result:***	1.8
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.5
Gm Reporting Limit:	4.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	.45	***SRC Result:***	.45
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	.45	***SRC Result:***	.45
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		

SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI
SRC Chemical: 9ClPF3ONS
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .55
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NMEFOSAA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI
SRC Chemical: NMEFOSAA
SRC Result: .55
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI
SRC Chemical: PFNA
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .45
SRC Chemical: PFPA
SRC Result: .45

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		

Gm Screen Bottom Depth Ft:	126.2
SRC Samp Collection Date:	01/12/2022
SRC Samp Collection Time:	1500
SRC Screen Top Depth Ft:	116.2
SRC Screen Bottom Depth Ft:	126.2
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.91	**SRC Result:**	.91
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.91	**SRC Result:**	.91
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.5
Gm Reporting Limit:	4.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.8	***SRC Result:***	1.8
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.5
Gm Reporting Limit:	4.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.45	***SRC Result:***	.45
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.91	***SRC Result:***	.91
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.7
Gm Reporting Limit:	2.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.91	***SRC Result:***	.91
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.7
Gm Reporting Limit:	2.7	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: LR,CI

Well Details

Gm Cas No: ***SRC Chemical:*** ETFOSA
Gm Result: .91 ***SRC Result:*** .91
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: ETFOSA ***SRC Report Limit:*** 4.5
Gm Reporting Limit: 4.5 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** PFUNDCA
Gm Result: .45 ***SRC Result:*** .45
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFUNDCA ***SRC Report Limit:*** 1.8
Gm Reporting Limit: 1.8 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** 4:2FTS
Gm Result: .45 ***SRC Result:*** .45
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: 4:2FTS ***SRC Report Limit:*** 1.8
Gm Reporting Limit: 1.8 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2

SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .91
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.7
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI
SRC Chemical: 8:2FTS
SRC Result: .91
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI
SRC Chemical: PFBSA
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/12/2022
Gm Screen Top Depth Ft: 116.2
Gm Screen Bottom Depth Ft: 126.2
SRC Samp Collection Date: 01/12/2022
SRC Samp Collection Time: 1500
SRC Screen Top Depth Ft: 116.2
SRC Screen Bottom Depth Ft: 126.2
SRC Lab Note: CI
SRC Chemical: PFPES
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .45
SRC Chemical: PFOS
SRC Result: .45

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/12/2022		
Gm Screen Top Depth Ft:	116.2		
Gm Screen Bottom Depth Ft:	126.2		
SRC Samp Collection Date:	01/12/2022		
SRC Samp Collection Time:	1500		
SRC Screen Top Depth Ft:	116.2		
SRC Screen Bottom Depth Ft:	126.2		
SRC Lab Note:	CI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
60	1 of 1	E	0.25 / 1,294.22	28.38 / 10	ESSEL MANAGER INC 448 OAKLAWN AVENUE UNIT G CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAC003166433
Gen Status Universe:	No Report
Contact Name:	DAVID BECK
Contact Address:	619 KETTNER BLVD, STE A, SAN DIEGO, CA, 92101,
Contact Phone No and Ext:	619-297-3801
Contact Email:	DAVIDB@ESSELMANAGERINC.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09

Land Type:
Receive Date: 20220315
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220315
Handler Name:	ESSEL MANAGER INC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	619 KETTNER BLVD
Name:	DAVID BECK	***Street 2:***	STE A
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-297-3801	***Country:***	
Source Type:	Implementer	***Zip Code:***	92101

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	619 KETTNER BLVD
Name:	ESSEL MANAGER INC	***Street 2:***	STE A
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-297-3801	***Country:***	
Source Type:	Implementer	***Zip Code:***	92101

61	***1 of 1***	***E***	***0.25 / 1,298.80***	***29.91 / 11***	***VISTAN APARTMENTS 437 OAKLAWN AVE UNIT A CHULA VISTA CA 91910***	***RCRA NON GEN***

EPA Handler ID: CAC003124814
Gen Status Universe: No Report
Contact Name: DAVID BECK
Contact Address: 619 KETTNER BLVD, STE A, SAN DIEGO, CA, 92101,

Contact Phone No and Ext: 619-297-3801
Contact Email: DAVIDB@ESSELMANAGERINC.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20210616
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210616
Handler Name: VISTAN APARTMENTS
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: ESSEL MANAGER INC
Date Became Current:
Date Ended Current:
Phone: 619-297-3801
Source Type: Implementer
Street No:
Street 1: 619 KETTNER BLVD
Street 2: STE A
City: SAN DIEGO
State: CA
Country:
Zip Code: 92101

Owner/Operator Ind: Current Operator
Type: Other
Name: DAVID BECK
Date Became Current:
Date Ended Current:
Phone: 619-297-3801
Source Type: Implementer
Street No:
Street 1: 619 KETTNER BLVD
Street 2: STE A
City: SAN DIEGO
State: CA
Country:
Zip Code: 92101

62	1 of 1	E	0.25 / 1,301.42	29.91 / 11	ESSEL MANAGER INC 401 OAKLAWN AVENUE UNIT K CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID:	CAC003166448
Gen Status Universe:	No Report
Contact Name:	DAVID BECK
Contact Address:	619 KETTNER BLVD, STE A, SAN DIEGO, CA, 92101,
Contact Phone No and Ext:	619-297-3801
Contact Email:	DAVIDB@ESSELMANAGERINC.COM
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20220315
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220315
Handler Name:	ESSEL MANAGER INC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	619 KETTNER BLVD
Name:	DAVID BECK	***Street 2:***	STE A
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-297-3801	***Country:***	
Source Type:	Implementer	***Zip Code:***	92101

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	619 KETTNER BLVD
Name:	DAVID BECK	***Street 2:***	STE A
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-297-3801	***Country:***	
Source Type:	Implementer	***Zip Code:***	92101

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
63	1 of 1	E	0.25 / 1,312.19	27.50 / 9	VISTAN APARTMENTS - ESSEL MANAGEMENT 462 OAKLAWN AVENUE UNIT M CHULA VISTA CA 91910	RCRA NON GEN

EPA Handler ID: CAC003173895
Gen Status Universe: No Report
Contact Name: VISTAN APARTMENTS-ESSEL MANAGEMENT
Contact Address: 619 KETTNER BOULEVARD, SUITE A, SAN DIEGO, CA, 92101,
Contact Phone No and Ext: 619-297-3801
Contact Email: DAVIDB@ESSELMANAGERINC.COM
Contact Country:
County Name: SAN DIEGO
EPA Region: 09
Land Type:
Receive Date: 20220502
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220502
Handler Name: VISTAN APARTMENTS - ESSEL MANAGEMENT
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: VISTAN APARTMENTS-ESSEL MANAGEMENT
Date Became Current:
Date Ended Current:
Phone: 619-297-3801
Source Type: Implementer

Street No:
Street 1: 619 KETTNER BOULEVARD
Street 2: SUITE A
City: SAN DIEGO
State: CA
Country:
Zip Code: 92101

Owner/Operator Ind: Current Operator
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	619 KETTNER BOULEVARD
Name:	VISTAN APARTMENTS-ESSEL MANAGEMENT	**Street 2:**	SUITE A
Date Became Current:		**City:**	SAN DIEGO
Date Ended Current:		**State:**	CA
Phone:	619-297-3801	**Country:**	
Source Type:	Implementer	**Zip Code:**	92101

64 | **1 of 1** | **S** | **0.25 / 1,337.72** | **9.37 / -9** | **CA** | **PFAS GW**

Well ID:	SL209294204-PMW113(UB)	**SRS Latitude:**	32.625162000000003
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.09809919999999
Gm Data Source:	GeoTracker	**Latitude:**	32.625162000000003
Gm Well Category:	MONITORING	**Longitude:**	-117.09809919999999
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW113(UB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.89	**SRC Result:**	.89
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L

Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	1.7	**SRC Result:**	1.7
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.8	**SRC Result:**	1.8
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.4
Gm Reporting Limit:	4.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		

SRC Samp Collection Time:	0940
SRC Screen Top Depth Ft:	41.75
SRC Screen Bottom Depth Ft:	51.75
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	2.3	**SRC Result:**	2.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	2.1	**SRC Result:**	2.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	12	**SRC Result:**	12
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.89	**SRC Result:**	.89
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		

Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI
SRC Chemical: PFPES
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .44
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note:
SRC Chemical: 9ClPF3ONS
SRC Result: .44
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note:
SRC Chemical: PFHA
SRC Result: 3.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.44	***SRC Result:***	.44
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	.44	***SRC Result:***	.44
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.8	***SRC Result:***	1.8
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		

SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: J,DX

Well Details

Gm Cas No:
Gm Result: .44
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note:

SRC Chemical: PFTEDA
SRC Result: .44
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.6
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI

SRC Chemical: 10:2FTS
SRC Result: .92
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 4.1
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.4
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: J,DX

SRC Chemical: PFBTA
SRC Result: 4.1
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 4.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	14	**SRC Result:**	14
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	7.3	**SRC Result:**	7.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		

Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .44
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note:
SRC Chemical: PFTRIDA
SRC Result: .44
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.3
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI
SRC Chemical: PFHPA
SRC Result: 2.3
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .72
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: J,DX
SRC Chemical: PFHPA
SRC Result: .72
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	1.3	***SRC Result:***	1.3
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDOA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.53	***SRC Result:***	.53
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	1.8	**SRC Result:**	1.8
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	MB		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		

SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI
SRC Chemical: PFDSA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI
SRC Chemical: MEFOSE
SRC Result: .92
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .89
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.4
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note:
SRC Chemical: 10:2FTS
SRC Result: .89
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	3.1	**SRC Result:**	3.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	.67	**SRC Result:**	.67
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		

Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: J,DX

Well Details

Gm Cas No:
Gm Result: .89
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.4
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note:
SRC Chemical: ETFOSA
SRC Result: .89
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI
SRC Chemical: PFHPSA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: CI
SRC Chemical: MEFOSA
SRC Result: .92
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.89	***SRC Result:***	.89
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.7
Gm Reporting Limit:	2.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.89	***SRC Result:***	.89
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.7
Gm Reporting Limit:	2.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	.7	***SRC Result:***	.7
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.89	**SRC Result:**	.89
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		

SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: LR

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: LR,RB,CI

SRC Chemical: PFODA
SRC Result: .92
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 5.7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note: MB,CI

SRC Chemical: PFOS
SRC Result: 5.7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .44
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 41.75
Gm Screen Bottom Depth Ft: 51.75
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0940
SRC Screen Top Depth Ft: 41.75
SRC Screen Bottom Depth Ft: 51.75
SRC Lab Note:

SRC Chemical: PFUNDCA
SRC Result: .44
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	4.1	**SRC Result:**	4.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		

Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	41.75
Gm Screen Bottom Depth Ft:	51.75
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0940
SRC Screen Top Depth Ft:	41.75
SRC Screen Bottom Depth Ft:	51.75
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.44	**SRC Result:**	.44
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.89	**SRC Result:**	.89
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.55	***SRC Result:***	.55
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.44	***SRC Result:***	.44
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	.92	***SRC Result:***	.92
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSA	***SRC Report Limit:***	4.6
Gm Reporting Limit:	4.6	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	41.75		
Gm Screen Bottom Depth Ft:	51.75		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0940		
SRC Screen Top Depth Ft:	41.75		
SRC Screen Bottom Depth Ft:	51.75		
SRC Lab Note:	CI		

65	***1 of 1***	***S***	***0.25 / 1,344.03***	***9.37 / -9***	***CA***	***PFAS GW***

Well ID:	SL209294204-PMW113(A)	***SRS Latitude:***	32.625143799999996
Gm Dataset Name:	WB_CLEANUP	***SRS Longitude:***	-117.0980923
Gm Data Source:	GeoTracker	***Latitude:***	32.625143799999996

Gm Well Category:	MONITORING	**Longitude:**	-117.0980923
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW113(A)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	5.5
Gm Reporting Limit:	5.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.81	**SRC Result:**	.81
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	32	**SRC Result:**	32
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	MB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	3.3
Gm Reporting Limit:	3.3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.66	**SRC Result:**	.66
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:
Gm Result: 1.1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 3.3
Gm Well Depth Ft:
SRC Chemical: MEFOSE
SRC Result: 1.1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 8.1
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 5.5
Gm Well Depth Ft:
SRC Chemical: 6:2FTS
SRC Result: 8.1
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 5.5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1.1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 5.5
Gm Well Depth Ft:
SRC Chemical: 10:2FTS
SRC Result: 1.1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 5.5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41

SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .55
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 3.3
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI
SRC Chemical: HFPA-DA
SRC Result: .55
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .55
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 2.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI
SRC Chemical: PFPES
SRC Result: .55
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .55
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 2.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI
SRC Chemical: PFDSA
SRC Result: .55
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 22
Gm Result Modifier: =
SRC Chemical: PFHXSA
SRC Result: 22
SRC Result Modifie: =

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	4.1	**SRC Result:**	4.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	3.3
Gm Reporting Limit:	3.3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		

SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1525
SRC Screen Top Depth Ft:	9.41
SRC Screen Bottom Depth Ft:	24.41
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	3.3
Gm Reporting Limit:	3.3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	27	**SRC Result:**	27
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	5.5
Gm Reporting Limit:	5.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	26	**SRC Result:**	26
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	3.3
Gm Reporting Limit:	3.3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	9.41
Gm Screen Bottom Depth Ft:	24.41
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1525
SRC Screen Top Depth Ft:	9.41
SRC Screen Bottom Depth Ft:	24.41
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorononanesulfonic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	9.41
Gm Screen Bottom Depth Ft:	24.41
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1525
SRC Screen Top Depth Ft:	9.41
SRC Screen Bottom Depth Ft:	24.41
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	110	**SRC Result:**	110
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorooctanoic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	9.41
Gm Screen Bottom Depth Ft:	24.41
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1525
SRC Screen Top Depth Ft:	9.41
SRC Screen Bottom Depth Ft:	24.41
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	6.2	**SRC Result:**	6.2
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorobutanesulfonic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	9.41
Gm Screen Bottom Depth Ft:	24.41
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1525
SRC Screen Top Depth Ft:	9.41
SRC Screen Bottom Depth Ft:	24.41

SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1.1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 3.3
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI
SRC Chemical: ETFOSE
SRC Result: 1.1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .66
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NMEFOSAA
Gm Reporting Limit: 2.2
Gm Well Depth Ft:
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI
SRC Chemical: NMEFOSAA
SRC Result: .66
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 3.3
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI
SRC Chemical: NETFOSAA
SRC Result: 3.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 3.3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 27
Gm Result Modifier: =
SRC Chemical: PFHPA
SRC Result: 27
SRC Result Modifie: =

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1525		
SRC Screen Top Depth Ft:	9.41		
SRC Screen Bottom Depth Ft:	24.41		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	2.2
Gm Reporting Limit:	2.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	9.41		
Gm Screen Bottom Depth Ft:	24.41		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 36
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 2.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 9.41
Gm Screen Bottom Depth Ft: 24.41
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1525
SRC Screen Top Depth Ft: 9.41
SRC Screen Bottom Depth Ft: 24.41
SRC Lab Note: CI

SRC Chemical: PFHA
SRC Result: 36
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

66	1 of 1	S	0.26 / 1,350.13	9.06 / -9	CA	PFAS GW

Well ID: SL209294204-PMW127(UB)
Gm Dataset Name: WB_CLEANUP
Gm Data Source: GeoTracker
Gm Well Category: MONITORING
SRS Datum: NAD83
Gm Altwell Id1: PMW127(UB)
Gm Altwell Id2:
Gm Altwell Id3:

SRS Latitude: 32.625137000000002
SRS Longitude: -117.0981828
Latitude: 32.625137000000002
Longitude: -117.0981828

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI

SRC Chemical: NETFOSAA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.8

SRC Chemical: 11ClPF3OUDS
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS

Gm Well Depth Ft: **SRC Well Depth Ft:**
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI
SRC Chemical: PFTEDA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .64
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: J,DX,CI
SRC Chemical: PFNA
SRC Result: .64
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Chemical: PFPES
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI
SRC Chemical: PFHPSA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.8
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI
SRC Chemical: PFPA
SRC Result: 1.8
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .46
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI
SRC Chemical: PFDOA
SRC Result: .46
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .92
SRC Chemical: PFODA
SRC Result: .92

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	LN,AY,LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		

Gm Screen Bottom Depth Ft:	49.36
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1445
SRC Screen Top Depth Ft:	39.36
SRC Screen Bottom Depth Ft:	49.36
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	2.5	**SRC Result:**	2.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	1.3	**SRC Result:**	1.3
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.92	***SRC Result:***	.92
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	1.5	***SRC Result:***	1.5
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	1.7	**SRC Result:**	1.7
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		

SRC Screen Bottom Depth Ft:	49.36
SRC Lab Note:	J,DX,CI

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.55	**SRC Result:**	.55
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.92	**SRC Result:**	.92

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.46	**SRC Result:**	.46
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	7.3	**SRC Result:**	7.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.6
Gm Reporting Limit:	4.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		

Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .92
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI
SRC Chemical: 8:2FTS
SRC Result: .92
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 6.2
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI
SRC Chemical: PFHA
SRC Result: 6.2
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.8
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.6
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 39.36
Gm Screen Bottom Depth Ft: 49.36
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1445
SRC Screen Top Depth Ft: 39.36
SRC Screen Bottom Depth Ft: 49.36
SRC Lab Note: CI
SRC Chemical: 6:2FTS
SRC Result: 1.8
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	3.1	***SRC Result:***	3.1
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	.92	***SRC Result:***	.92
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.46	***SRC Result:***	.46
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	39.36		
Gm Screen Bottom Depth Ft:	49.36		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1445		
SRC Screen Top Depth Ft:	39.36		
SRC Screen Bottom Depth Ft:	49.36		
SRC Lab Note:	CI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
67	*1 of 3*	*ESE*	*0.27 / 1,451.27*	*31.10 / 13*	***THRIFTY OIL STN #080*** ***666 H ST*** ***Chula Vista CA***	***SAM SANDIEGO***

Record ID:	DEH1987-LSAM-H20174-001	***BOS District:***	1
Record ID (DEH):	DEH1987-LSAM-H20174-001	***Lead Agency:***	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	***Lead Agcy Date:***	6/30/2013, 8:00 PM
ID:	847	***Opened Date:***	3/16/1987, 7:00 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Object ID:	846	**ThomasBros Map Gd:**	1310 A 7
SWRCB Global ID:	T0607302991	**Jurisdiction:**	CHULA VISTA
Feature ID:	5710622100	**Census Tract:**	126.00
Parcel No:	571-062-21-00	**Watershed Basin:**	909.12
Case No:	H20174-001	**GT Global ID:**	T0607302991
H No:	H20174	**GT RB Case No:**	9UT728
KIVA per Tp per No:	6SAM H20174	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	**GT CUF Case:**	YES
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	03/17/1987	**GT Latitude:**	32.63000103
Per Type:	LWQD	**GT Longitude:**	-117.09215641
Primary Parcel:	YES	**Latitude GS84:**	32.6298758
Primary Address:	YES	**Longitude GS84:**	-117.0922415
Address Type:	MASTER	**Point X:**	6302344.67996372
City:	CHULA VISTA	**Point Y:**	1810014.60994232
Community:	Chula Vista	**X:**	6302363.81624117
Zip Code:	91910	**Y:**	1809920.30864198
Zip Community:	91910	**X1:**	-117.0922725533913
Agency Name:	COSD	**Y1:**	32.629900162333165

Project Name: THRIFTY OIL STN #080
Address: 666 H ST, CHULA VISTA CA 91910
Historical Name: THRIFTY #080 (EL POLLO LOCO)
Record Name: THRIFTY OIL STN #080
Street String: 666 H ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: SOUTH BAY IRRIGATION LAND
GT Status: Open - Eligible for Closure
Case Type: LOP - Local Oversight Program
Funding: S - LOP State Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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67	2 of 3	ESE	0.27 / 1,451.27	31.10 / 13	THRIFTY OIL COMPANY #080 666 H ST CHULA VISTA CA 919104220	LUST

Global ID:	T0607302991	**Census Tract:**	6073012600
Status Date:	1/27/2017	**Match Key:**	T0607302991
Case Type:	LUST CLEANUP SITE	**County:**	SAN DIEGO
Oil Field:		**Latitude:**	32.6300010274634
Oil Field Operator:		**Longitude:**	-117.092156410217
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Worker: SM
Local Agency:
RB Case No: 9UT728
Local Case No:
File Location: Local Agency
Potential COC: Gasoline
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 3/17/1987
How Discovered: Tank Closure
How Discovered Description: UST removal **Note: Many records provided by the department have a truncated [How Discovered Description] field.
Stop Method: Other Means
Stop Description: OTHER MEANS **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)

DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	Severely Disadvantaged Community
CalEnvScreen Score:	
Coordinate Source:	Manual Entry on Screens
Discharge Cause:	Other
Discharge Source:	Other
EPA Region:	9
Leak Reported Dt:	1987-03-17 00:00:00
Military DoD Site:	No
No Further Action Dt:	2017-01-27 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	71-75%
Calenviroscreen 4 Score:	80-85%
Site History:	

Commingled Plume Account: Please search on H03739-001 for additional 2010 and later reports. Uploaded under World Oil #80. Following the removal of USTs and demolition of site improvements in 1987, hydrocarbon impacts were observed with a series of investigation trenches and borings. Liquid-phase hydrocarbons (LPH) were observed at the site during these and subsequent investigations prompting LPH removal activities via tanker truck extraction and LPH bailing operations. Soil vapor extraction and limited dual-phase extraction have been implemented at the site with some success. World Oil Station #46 (H03739), located across the intersection, reported a significant unauthorized release in 1997. Based on available data, LPH appears inseparably commingled from the Thrifty and World Oil sites and extends offsite. Cleanup activities for these sites must be coordinated.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	SEAN MCCLAIN
Organization Name:	SAN DIEGO RWQCB (REGION 9)
Address:	2375 NORTHSIDE DRIVE, SUITE 100
City:	SAN DIEGO
Email:	sean.mcclain@waterboards.ca.gov
Phone No:	6195213374

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Completed - Case Closed
Status Date:	1/27/2017
Status:	Open - Eligible for Closure
Status Date:	3/3/2014
Status:	Open - Case Begin Date
Status Date:	3/17/1987
Status:	Open - Remediation
Status Date:	4/30/1989

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	THRIFTY OIL COMPANY #080
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	666 H ST
City:	CHULA VISTA
Zip:	919104220
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302991
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 1/27/2017
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607302991&tabname=regulatoryhistory
Potential COC:	GASOLINE
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND

DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT728 CASEWORKER: SEAN MCCLAIN SAN DIEGO COUNTY LOP - CASE #: H20174-001
CUF Claim:	CP0060
CUF Priority Assig:	
CUF Amount Paid:	$834,473
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Gndwater Monitoring Freque:	# OF WELLS MONITORED - SEMI-ANNUALLY : 9
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:	

Commingled Plume Account: Please search on H03739-001 for additional 2010 and later reports. Uploaded under World Oil #80.

Following the removal of USTs and demolition of site improvements in 1987, hydrocarbon impacts were observed with a series of investigation trenches and borings. Liquid-phase hydrocarbons (LPH) were observed at the site during these and subsequent investigations prompting LPH removal activities via tanker truck extraction and LPH bailing operations. Soil vapor extraction and limited dual-phase extraction have been implemented at the site with some success. World Oil Station #46 (H03739), located across the intersection, reported a significant unauthorized release in 1997. Based on available data, LPH appears inseparably commingled from the Thrifty and World Oil sites and extends offsite. Cleanup activities for these sites must be coordinated.

LUST Sites from GeoTracker Search - Cleanup Status History

Status:	Open - Remediation
Date :	4/30/1989
Status:	Open - Case Begin Date
Date :	3/17/1987
Status:	Completed - Case Closed
Date :	1/27/2017
Status:	Open - Eligible for Closure
Date :	3/3/2014

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type:	Other Regulatory Actions
Action:	Technical Correspondence / Assistance / Other
Action Date:	1/6/2010
Received Issue Date:	1/6/2010
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6039750&temptable=ENFORCEMENT
Title Description Comments:	

Commingled Plume Determination Letter

Action Type:	Other Regulatory Actions
Action:	Technical Correspondence / Assistance / Other
Action Date:	10/1/2009
Received Issue Date:	10/1/2009
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6032311&temptable=ENFORCEMENT
Title Description Comments:	

Workplan Approval Letter

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan
Action Date: 9/30/2009
Received Issue Date: 9/9/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5650631
Title Description Comments:

Workplan for Collecting Free product Samples for Fuel Fingerprinting

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Action Date: 9/28/2009
Received Issue Date: 9/28/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6389251&temptable=ENFORCEMENT
Title Description Comments:

Preliminary USTCF 5-Year Review Summary

Action Type: Other Regulatory Actions
Action: File review
Action Date: 8/11/2009
Received Issue Date: 8/11/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6028156&temptable=ENFORCEMENT
Title Description Comments:

DEH Response to SWRCB 5 Year Review

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2009
Received Issue Date: 7/28/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5647064
Title Description Comments:

Groundwater Monitoring and Site Conceptual Model Update Report, First Half 2009

Action Type: Notices
Action: Letter - Notice
Action Date: 7/9/2009
Received Issue Date: 7/9/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6019961&temptable=ENFORCEMENT
Title Description Comments:

GW Monitoring Reduction Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/9/2009
Received Issue Date: 4/9/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6009553&temptable=ENFORCEMENT
Title Description Comments:

WORKPLAN -- 4-9-09

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/30/2009
Received Issue Date: 2/3/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5647063
Title Description Comments:

Groundwater Monitoring and Site Conceptual Model Update Report, Second Half 2008

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 7/30/2008
Received Issue Date: 7/24/2008
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5647062
Title Description Comments:

Groundwater Monitoring and Site Conceptual Model Update Report, First Half 2008

Action Type: Notices
Action: Notice of Responsibility
Action Date: 3/19/1987
Received Issue Date: 3/19/1987
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 3/17/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 3/17/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 3/17/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 3/17/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 1/27/2017
Received Issue Date: 1/27/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6309882&temptable=ENFORCEMENT
Title Description Comments:

No Further Action

Action Type: Response Requested - Reports
Action: Well Destruction Report
Action Date: 10/5/2016
Received Issue Date: 10/5/2016

Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5911229
Title Description Comments:

Well Destruction Report

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/22/2016
Received Issue Date: 1/22/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5875998
Title Description Comments:

Thrifty Oil #080 Well Destruction Update

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/5/2015
Received Issue Date: 11/5/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6266495&temptable=ENFORCEMENT
Title Description Comments:

Thrifty Oil Directive to Destroy Monitoring Wells

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 11/25/2014
Received Issue Date: 11/25/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5822789
Title Description Comments:

Complete Case Transfer from DEH to RWQCB

Action Type: Notices
Action: Notification - Public Notice of Case Closure
Action Date: 5/2/2014
Received Issue Date: 5/2/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6201896&temptable=ENFORCEMENT
Title Description Comments:

60 Day Public Notice of Proposed No Further Action

Action Type: Notices
Action: Notification - Fee Title Owners Notice
Action Date: 5/2/2014
Received Issue Date: 5/2/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6201895&temptable=ENFORCEMENT
Title Description Comments:

Property Owner Notification of Proposed No Further Action

Action Type: Response Requested - Other
Action: Request for Closure - Regulator Responded
Action Date: 2/14/2014
Received Issue Date: 2/14/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5799133
Title Description Comments:

Request for Low-Threat Closure Based on Low-Threat UST Closure Policy - The San Diego Water Board agrees with the closure request.

Action Type: Referral to Other Agency
Action: Referral to Regional Board

Action Date: 7/1/2013
Received Issue Date: 7/1/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6165313&temptable=ENFORCEMENT
Title Description Comments:

DEH Transfer Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/18/2013
Received Issue Date: 4/18/2013
Doc Link:
Title Description Comments:

Note: Commingled Plume Site CP0060. Site documents are being uploaded to Case H03739-001 (World Oil #46)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/18/2012
Received Issue Date: 10/18/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6140449&temptable=ENFORCEMENT
Title Description Comments:

DEH Off-site Property Access Request

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/19/2012
Received Issue Date: 6/19/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6125522&temptable=ENFORCEMENT
Title Description Comments:

DEH Response to Comments

Action Type: Other Regulatory Actions
Action: File review
Action Date: 5/4/2012
Received Issue Date: 5/4/2012
Doc Link:
Title Description Comments:

Note:Commingled plume. Recent reports submitted under Case #H03739-001 (World Oil #46).

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/3/2012
Received Issue Date: 5/3/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6120743&temptable=ENFORCEMENT
Title Description Comments:

Concurrence Regarding Installation/Location of a Proposed Well (e-mail)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/3/2012
Received Issue Date: 5/3/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6120756&temptable=ENFORCEMENT
Title Description Comments:

Workplan Approval Letter - Workplan uploaded under H03739-001 (World Oil).

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Action Date: 4/11/2011
Received Issue Date: 4/11/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6392465&temptable=ENFORCEMENT
Title Description Comments:

Annual 5-Year Review Summary Report

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/24/2010
Received Issue Date: 6/24/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6054834&temptable=ENFORCEMENT
Title Description Comments:

Approval to Postpone 1st Half 2010 Semi-Annual Sampling Event

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually
Action Date: 1/31/2010
Received Issue Date: 1/21/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302991&doc_id=5710223
Title Description Comments:

Status Update Report, Second Half of 2009

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 2/1/2006 ***Submitted By:*** JEFF SURYAKUSUMA (RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8952970743/T0607302991.pdf

Submitted: 2/22/2006 ***Submitted By:*** LARRY HIGINBOTHAM (CONTRACTOR)
Title: GEO_BORE (EW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1409345865/T0607302991.pdf

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 2/14/2014
Type: REQUEST FOR CLOSURE ***Submitted:***
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: REQUEST FOR LOW-THREAT CLOSURE BASED ON LOW-THREAT UST CLOSURE POLICY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6457970798/T0607302991.PDF

Document Type: Site Documents ***Document Date:*** 1/6/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: KEITH KEZER (REGULATOR)
Title: COMMINGLED PLUME DETERMINATION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6039750

Document Type: Site Documents ***Document Date:*** 1/31/2006
Type: REPORTS - REMEDIAL ACTION RPT. ***Submitted:***
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: DUAL PHASE EXTRACTION PILOT TEST REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2091047525/T0607302991.PDF

Document Type: Monitoring Reports **Document Date:** 1/30/2009
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: SECOND HALF OF 2008 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6844090342/T0607302991.PDF

Document Type: Site Documents **Document Date:** 6/19/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: DEH RESPONSE TO COMMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6125522

Document Type: Site Documents **Document Date:** 5/3/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: WORKPLAN APPROVAL LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6120756

Document Type: Site Documents **Document Date:** 8/11/2009
Type: FILE REVIEW **Submitted:**
Submitted By: KEITH KEZER (REGULATOR)
Title: DEH RESPONSE TO SWRCB 5 YEAR REVIEW **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6028156

Document Type: Monitoring Reports **Document Date:** 1/31/2008
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: FOURTH QUARTER 2007 STATUS REPORT AND SCM UPDATE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9639300286/T0607302991.PDF

Document Type: Site Documents **Document Date:** 10/18/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: DEH OFF-SITE PROPERTY ACCESS REQUEST **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6140449

Document Type: Monitoring Reports **Document Date:** 7/30/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: FIRST HALF OF 2007 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9887316644/T0607302991.PDF

Document Type: Site Documents **Document Date:** 1/27/2017
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6309882

Document Type: Site Documents **Document Date:** 9/4/2009
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: PRODUCT FINGERPRINTING WORKPLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8522973477/T0607302991.PDF

Document Type: Site Documents **Document Date:** 7/9/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: KEITH KEZER (REGULATOR)
Title: GW MONITORING REDUCTION LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6019961

Document Type: Site Documents **Document Date:** 10/5/2016
Type: WELL DESTRUCTION REPORT **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: WELL DESTRUCTION REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&document_id=5911229

Document Type: Site Documents **Document Date:** 11/5/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: THRIFTY OIL DIRECTIVE TO DESTROY MONITORING WELLS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6266495

Document Type: Site Documents **Document Date:** 5/2/2014
Type: NOTIFICATION - PUBLIC NOTICE OF CASE CLOSURE **Submitted:**
Submitted By: (REGULATOR)
Title: 60 DAY PUBLIC NOTICE OF PROPOSED NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6201896

Document Type: Site Documents **Document Date:** 4/11/2011
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: ANNUAL 5-YEAR REVIEW SUMMARY REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6392465

Document Type: Site Documents **Document Date:** 10/1/2009
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KEITH KEZER (REGULATOR)
Title: WORKPLAN APPROVAL LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6032311

Document Type: Site Documents **Document Date:** 9/28/2009
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Submitted By: DIANA CONKLE (REGULATOR)
Title: PRELIMINARY USTCF 5-YEAR REVIEW SUMMARY **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6389251

Document Type: Site Documents **Document Date:** 10/31/2007
Type: REPORTS - QUARTERLY STATUS REPORT **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: THIRD QUARTER 2007 STATUS REPORT AND SCM UPDATE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4454289317/T0607302991.PDF

Document Type: Monitoring Reports **Document Date:** 7/27/2009
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: FIRST HALF OF 2009 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7775628507/T0607302991.PDF

Document Type: Site Documents **Document Date:** 5/3/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: CONCURRENCE REGARDING INSTALLATION/LOCATION OF A PROPOSED WELL (E-MAIL) **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6120743

Document Type: Site Documents **Document Date:** 3/9/2007
Type: REPORTS - OTHER **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)

Title: SITE CONCEPTUAL MODEL **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6399061441/T0607302991.PDF

Document Type: Monitoring Reports **Document Date:** 1/20/2010
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: SECOND HALF OF 2009 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5082467496/T0607302991.PDF

Document Type: Monitoring Reports **Document Date:** 1/24/2007
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: SECOND HALF OF 2006 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6610685586/T0607302991.PDF

Document Type: Monitoring Reports **Document Date:** 7/12/2006
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: 1ST HALF OF 2006 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2852262198/T0607302991.PDF

Document Type: Site Documents **Document Date:** 7/1/2013
Type: REFERRAL TO REGIONAL BOARD **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: DEH TRANSFER LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6165313

Document Type: Site Documents **Document Date:** 6/24/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TERESA SHERMAN (REGULATOR)
Title: APPROVAL TO POSTPONE 1ST HALF 2010 SEMI-ANNUAL SAMPLING EVENT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6054834

Document Type: Site Documents **Document Date:** 4/9/2009
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: KATHY L. DENK (REGULATOR)
Title: WORKPLAN -- 4-9-09 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6009553

Document Type: Site Documents **Document Date:** 3/17/2009
Type: CORRESPONDENCE **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: REQUEST TO CONDUCT NON-PURGE GROUNDWATER SAMPLING **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4694296598/T0607302991.PDF

Document Type: Site Documents **Document Date:** 1/22/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: THRIFTY OIL #080 WELL DESTRUCTION UPDATE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&document_id=5875998

Document Type: Site Documents **Document Date:** 11/25/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: COMPLETE CASE TRANSFER FROM DEH TO RWQCB - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&document_id=5822789

Document Type: Site Documents **Document Date:** 5/2/2014
Type: NOTIFICATION - FEE TITLE OWNERS NOTICE **Submitted:**
Submitted By: (REGULATOR)

Title: PROPERTY OWNER NOTIFICATION OF PROPOSED NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302991&enforcement_id=6201895

Document Type: Monitoring Reports **Document Date:** 7/28/2008
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: FIRST HALF OF 2008 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8358693003/T0607302991.PDF

Document Type: Monitoring Reports **Document Date:** 12/28/2005
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: SECOND HALF OF 2005 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5211262345/T0607302991.PDF

Document Type: Monitoring Reports **Document Date:** 11/11/2005
Type: MONITORING REPORT - SEMI-ANNUAL **Submitted:**
Submitted By: LARRY HIGINBOTHAM (CONTRACTOR)
Title: 1ST HALF 2005 STATUS REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5603729069/T0607302991.PDF

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Identifier: CP0060
Project Name: WORLD OIL MARKETING CO. #46
Status: COMPLETED - CASE CLOSED
Address: 685 H ST
City: CHULA VISTA
Association: Comingled Plume
Description: SCUFIIS Comingled Plume
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607301884

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67 | **3 of 3** | **ESE** | **0.27 / 1,451.27** | **31.10 / 13** | **THRIFTY OIL STN #080**
666 H ST, CHULA VISTA, CA 91910
CHULA VISTA CA | ***LOP SANDIEGO***

SWRCB Global ID: T0607302991
Record ID: DEH1987-LSAM-H20174-001
Record Status: Completed
Opened Date: 3/17/1987
Case Type: LOP - Local Oversight Program
Historical Name: THRIFTY #080 (EL POLLO LOCO)
Lead Agency: RWQCB
Lead Agency Date: 7/1/2013
Funding: S - LOP State Fund
Fire Agency: CHULA VISTA
Water Purveyor: SOUTH BAY IRRIGATION LAND
File Case Type: CLOSED OR TRANSFERRED LOP CASES
Parcel No: 571-062-21-00
Census Tract: 126.00
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6298758
Longitude GS 84: -117.0922415
X Map Coord: 6302363.81624117
Y Map Coord: 1809920.30864198

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68 | **1 of 2** | **SSE** | **0.28 / 1,484.47** | **15.67 / -3** | **ROHR AIRCRAFT CORP**
CHULA VISTA CA | ***ENVIROSTOR***

Estor/EPA ID: 80000939
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6073012600
Site Type: FUDS
Address Description:
Office: CLEANUP CYPRESS
Special Program:
Assembly District: 80
Senate District: 40
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SAN DIEGO
Latitude: 32.625
Longitude: -117.095833333333
Acres: NONE SPECIFIED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Funding: DERA **Supervisor:** DOUGLAS BAUTISTA
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

Status: INACTIVE - NEEDS EVALUATION
Program Type: MILITARY EVALUATION
CalEnviroScreen Score: 80-85%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80000939

Completed Activities

Title: USACE INPR Summary J0CA726300 10 Mar 1998
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000939&doc_id=5011256
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Inventory Project Report (INPR)
Date Completed: 3/10/1998
Comments:

68	2 of 2	SSE	0.28 / 1,484.47	15.67 / -3	ROHR AIRCRAFT CORP. CHULA VISTA CA	FUDS

FUDS Property No: J09CA7263
EMS Map Link: https://fudsportal.usace.army.mil/ems/inventory/map?id=54012
FUDS INST ID: CA99799FA08600
Status: Properties without projects
SDS ID:
NPL Status Code: Not on the NPL
Eligibility: Ineligible
Site Eligib:
Current Owner:
Has Project: No
DOD FUDS Pro:
Project Required: No
No Further Action:
Congressional District: 51
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 09
County: SAN DIEGO
Latitude: 32.625
Longitude: -117.09583333
Fiscal year: 2019
USACE Division: spd
USACE District: spl
Shape Area:
Shape Len:
X: -117.095764160156
Y: 32.6251831054688
Property History:

N/A

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
69	1 of 1	SSW	0.29 / 1,510.47	10.37 / -8	CA	PFAS GW

Well ID: SL209294204-PMW110(A)
Gm Dataset Name: WB_CLEANUP
Gm Data Source: GeoTracker
Gm Well Category: MONITORING
SRS Datum: NAD83
Gm Altwell Id1: PMW110(A)
Gm Altwell Id2:
Gm Altwell Id3:

SRS Latitude: 32.625669000000002
SRS Longitude: -117.10077200000001
Latitude: 32.625669000000002
Longitude: -117.10077200000001

Well Details

Gm Cas No:
Gm Result: 3.3
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFBSA
SRC Result: 3.3
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: MB,CI

SRC Chemical: PFOS
SRC Result: 3.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022

SRC Chemical: ETFOSA
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 8.1
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFHA
SRC Result: 8.1
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFTRIDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: ETFOSE
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	3.5	**SRC Result:**	3.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		

Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: MEFOSE
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 14
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

SRC Chemical: PFBTA
SRC Result: 14
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

SRC Chemical: PFTRIDA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFOSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	1.8	**SRC Result:**	1.8
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		

SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: J,DX

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFUNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

SRC Chemical: 6:2FTS
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.5
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: J,DX

SRC Chemical: PFNA
SRC Result: 1.5
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		

Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	4.24
Gm Screen Bottom Depth Ft:	19.24
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0755
SRC Screen Top Depth Ft:	4.24
SRC Screen Bottom Depth Ft:	19.24
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	5.2	**SRC Result:**	5.2
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	2.5	**SRC Result:**	2.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	MB		

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	11	***SRC Result:***	11
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		

SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: 9ClPF3ONS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 5
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFHPA
SRC Result: 5
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		

Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: LR,RB,CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFHPSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFOSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

SRC Chemical: PFDSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFNA
Gm Result:	2.4	***SRC Result:***	2.4
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	6	***SRC Result:***	6
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI
SRC Chemical: 8:2FTS
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:
SRC Chemical: PFUNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Chemical: ETFOSA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

SRC Chemical: PFHXDA
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

SRC Chemical: 10:2FTS
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

SRC Chemical: PFHXSA
SRC Result: 2.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		

Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 3.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note:
SRC Chemical: PFPA
SRC Result: 3.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI
SRC Chemical: ADONA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 15
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 4.24
Gm Screen Bottom Depth Ft: 19.24
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0755
SRC Screen Top Depth Ft: 4.24
SRC Screen Bottom Depth Ft: 19.24
SRC Lab Note: CI
SRC Chemical: PFOA
SRC Result: 15
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	18	***SRC Result:***	18
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	3.3	**SRC Result:**	3.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	4.24		
Gm Screen Bottom Depth Ft:	19.24		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0755		
SRC Screen Top Depth Ft:	4.24		
SRC Screen Bottom Depth Ft:	19.24		
SRC Lab Note:	CI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
70	1 of 2	WNW	0.29 / 1,512.31	10.36 / -8	F & G Street Marsh Lagoon Dr. & Marina Parkway Chula Vista CA 91911	SWF/LF

SWIS No:	37-CR-0129	**ARB District:**	San Diego
Site ID:	5401	**SWRCB Region:**	San Diego
EPA Fed Regist ID:		**Site Point of Cont:**	Abel Martinez-Centeno
Site Op Status:	Closed	**Site ZIP:**	91911
Regulatory Status:	Unpermitted	**County:**	San Diego
Site is Archived:	No	**Latitude:**	32.63294
Absorbed on:		**Longitude:**	-117.10182
Absorbed by:			
Site Inert Debris Eng Fill:	No		
Closed Illegal Aband:	No		
Closed Illegal Aband Cat:			

Finance Assuran Responsible: No
Incorporated City: Chula Vista
Local Government: Chula Vista
Reporting Agency Legal Name: County of San Diego
Reporting Agency Department: Department of Environmental Health
Enforcing Agency Legal Name: County of San Diego
Enforcing Agency Department: Department of Environmental Health

Site Owners

Site ID: 5401
Site Type: Disposal Only
Contact Name: Andy Yuen
Contact First Name: Andy
Contact Last Name: Yuen
Contact Title:
Contact Email: andy_yuen@fws.gov
Owner Name: USA Fish and Wildlife Service
Owner Address: 1080 Gunpowder Point Dr.
Started On:
Owner City: Chula Vista
Owner State: CA
Owner ZIP Code: 91910
Owner Phone: (619) 476-9150

Site Activities (Search Result)

Site ID: 5401
Act Opl Status: Closed
Site Name: F & G Street Marsh
Activity: Solid Waste Disposal Site
Act Regulat Stat: Unpermitted
Activity Category: Disposal

Extra Details

Site ID: 5401
EPA Fed Reg ID:
Regulatory Status: Unpermitted
Operational Status: Closed
Is Archived: No
Fin Assuran Resp: No
Site Name: F & G Street Marsh
Enforc Agncy Dept: Department of Environmental Health
Enforc Agncy Lgl Nm: County of San Diego
Closed Illegal Aband: No
Inert Debris Eng Fill: No
Local Government: Chula Vista
Enforc Agency:
Absorbed By:
Absorbed On:
Point of Contact: Abel Martinez-Centeno
County: San Diego

Site Activities (Export)

Site ID: 5401
WDR Landfill Class:
Act is Archived: No
Act Opl Status: Closed
Act Regulat Stat: Unpermitted
Activity Category: Disposal
Act Classification: Solid Waste Disposal Site
Cease Operation: 1/1/1975
Cease Operation Tp: Estimated
Insp Frequency: Quarterly
Throughput UOM:
Site Name: F & G Street Marsh
Activity: Solid Waste Disposal Site
Incorporated City: Chula Vista
Waste Discharge Req Nu:
Max Permitted Throughput:
Remaining Capacity:
Remaining Cap Dt:
Max Permit Cap:
Capacity UOM:
Total Acreage:
Disposal Acreage:
Permitted Elev :
Permitted Elev Tp:
Permitted Depth:
Permitted Depth Tp:
Site Point of Cont: Abel Martinez-Centeno

70	2 of 2	WNW	0.29 / 1,512.31	10.36 / -8	F & G Street Marsh LAGOON @ MARINA PARKWAY	SWF SANDIEGO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CHULA VISTA CA

Record ID:	DEH2017-CLEA-000191	**MrgIst No (Map):**	
SWIS No:	37-CR-0129	**Activity (Map):**	
Date (LEA):	02/28/2017	**APN (Map):**	
Record Type (LEA):	Solid Waste (LEA) Site	**Co Owned (Map):**	
Status (LEA):	Permit Renewed	**Typek (Map):**	
Site (FOIA):	F&G Street	**Inspection (Map):**	
Insp Freq (FOIA):	Quarterly	**Fees (Map):**	
Type of Oper(FOIA):	Closed Landfill	**Type (Map):**	ILLEGAL LANDFILL
Type of Opera Desc:	CLOSED LF/BURNSITES - PRE-REGS, NO PERMIT FEE	**Short Notes:**	
Point X (Map):	6298822.5962	**EST No (Map):**	DEH2017-CLEA-000191
Point Y (Map):	1810569.8797	**X (Map):**	-117.10372646916166
Name (Map):	F & G Street Marsh	**Y (Map):**	32.6313474875541
Project Name (LEA):	F & G Street Marsh		
Address (Map):	LAGOON @ MARINA PARKWAY, CHULA VISTA, CA 91910		
Address (LEA):	LAGOON @ MARINA PARKWAY, CHULA VISTA CA 91910		
Site Address (FOIA):	Lagoon Dr & Marina Parkway		
Data Source:	San Diego County Solid Waste (LEA) Site; LEA site list (FOIA); DEH Field Use (Map Server)		

CLEA Solid Waste Sites

Record ID:	DEH2017-CLEA-000191	**Swis Regstatus:**	Unpermitted
Record Alias:	Solid Waste (LEA) Site	**Swissitearchived:**	No
Record Status:	Permit Renewed	**Swis Lat 1:**	32.63294
Opened Date:	2/27/2017, 7:00 PM	**Swis Lon 1:**	-117.10182
Expiration Date:	2/27/2022, 7:00 PM	**Swiscounty:**	San Diego
Street String:	LAGOON @ MARINA PARKWAY	**Swisaddress:**	Lagoon Dr. & Marina Parkway
City:	CHULA VISTA	**Swiscity:**	Chula Vista
Zip Code:	91910	**Swisstate:**	CA
Parcel No:		**Swiszip:**	91911
Bos District:		**SWISRprtngAgncy:**	County of San Diego
Agencyname:	COSD	**SWISEnfrcngAgncy:**	County of San Diego
Swis:	37-CR-0129	**Featureid:**	
Swisnumber:	37-CR-0129	**Geo Src:**	HeadsUp_RGILB
Swisname:	F & G Street Marsh	**X Mapcoord:**	
Swis Opstatus:	Closed	**Y Mapcoord:**	
Business Type:	DEH SOLID WASTE - FEE EXEMPT (CJ78)		
FullNmeDEHPmtOwnr:	US Fish & Wildlife Service		
SWISLocalGovernment:	Chula Vista		
SWISReportingDepartment:	Department of Environmental Health		
SWISEnforcingDepartment:	Department of Environmental Health		
SWISIsClosedIllegalAban:	No		
SWISSiteInertDebrisEngFill:	No		
SWISClosedIllegalAbanCat:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
71	1 of 1	SSW	0.29 / 1,514.00	10.37 / -8		PFAS GW

CA

Well ID:	SL209294204-PMW110(UB)	**SRS Latitude:**	32.625652500000001
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.1007669
Gm Data Source:	GeoTracker	**Latitude:**	32.625652500000001
Gm Well Category:	MONITORING	**Longitude:**	-117.1007669
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW110(UB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	.87	**SRC Result:**	.87
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		

SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

SRC Chemical: PFNS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:

SRC Chemical: PFOSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

SRC Chemical: 6:2FTS
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	1.8	**SRC Result:**	1.8
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	.75	**SRC Result:**	.75
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
SRC Chemical: HFPA-DA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 2.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: PFPES
SRC Result: 2.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: PFHPSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13

SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.57	***SRC Result:***	.57
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		

SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1.3
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: J,DX,TG,MB,CI

SRC Chemical: PFOS
SRC Result: 1.3
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: LR,RB

SRC Chemical: PFODA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .65
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: J,DX

SRC Chemical: PFOA
SRC Result: .65
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		

SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.58	***SRC Result:***	.58
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.9
Gm Reporting Limit:	4.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	5.8	**SRC Result:**	5.8
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		

SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0840
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	J,DX

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.9
Gm Reporting Limit:	4.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	.87	**SRC Result:**	.87
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoroheptanesulfonic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorotetradecanoic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0840
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoropentanesulfonoicacid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorooctadecanoic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13

SRC Lab Note: LR,CI

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: LR

SRC Chemical: PFHXDA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 6.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:

SRC Chemical: PFBTA
SRC Result: 6.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

SRC Chemical: PFBTA
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 8.3
Gm Result Modifier: =

SRC Chemical: PFHA
SRC Result: 8.3
SRC Result Modifie: =

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	13	**SRC Result:**	13
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		

SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: TG,MB,CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:

SRC Chemical: PFTRIDA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

SRC Chemical: PFNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

SRC Chemical: PFBSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	3.3	**SRC Result:**	3.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0840
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0840
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0840
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorohexadecanoic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13

SRC Lab Note: LR,CI

Well Details

Gm Cas No:
Gm Result: .67
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: J,DX,CI
SRC Chemical: PFHXSA
SRC Result: .67
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .58
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NMEFOSAA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: NMEFOSAA
SRC Result: .58
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: PFHPSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
SRC Chemical: 9ClPF3ONS
SRC Result: .48
SRC Result Modifie: <

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	.69	**SRC Result:**	.69
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	LR,RB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		

SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0840
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	2.7	**SRC Result:**	2.7
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		

SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	8:2FTS	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	.58	***SRC Result:***	.58
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	17	**SRC Result:**	17
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.9
Gm Reporting Limit:	4.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		

SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

SRC Chemical: PFOA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

SRC Chemical: MEFOSA
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: J,DX,CI

SRC Chemical: PFBTA
SRC Result: 2
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 4.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	3.9	**SRC Result:**	3.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	35	**SRC Result:**	35
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: PFHPA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 3
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: PFOS
SRC Result: 3
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: MB

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: PFTEDA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13

SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: ETFOSA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:
SRC Chemical: PFUNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: 9ClPF3ONS
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
SRC Chemical: PFNA
SRC Result: .49
SRC Result Modifie: <

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		

SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: 9ClPF3ONS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: PFUNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: ETFOSE
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	3.7	**SRC Result:**	3.7
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	1.4	**SRC Result:**	1.4
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorohexanoic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	J,DX,CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorobutanesulfonic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0840
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13

SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		

SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: 11ClPF3OUDS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:
SRC Chemical: ETFOSA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .51
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: J,DX,CI
SRC Chemical: PFPA
SRC Result: .51
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorononanoic acid
Gm Samp Collection Date:	01/14/2022
Gm Screen Top Depth Ft:	37.13
Gm Screen Bottom Depth Ft:	47.13
SRC Samp Collection Date:	01/14/2022
SRC Samp Collection Time:	0840
SRC Screen Top Depth Ft:	37.13
SRC Screen Bottom Depth Ft:	47.13
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0840		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		

SRC Lab Note: J,DX,MB,CI

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0840
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note:
SRC Chemical: MEFOSA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: HFPA-DA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/14/2022
Gm Screen Top Depth Ft: 37.13
Gm Screen Bottom Depth Ft: 47.13
SRC Samp Collection Date: 01/14/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 37.13
SRC Screen Bottom Depth Ft: 47.13
SRC Lab Note: CI
SRC Chemical: 10:2FTS
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
SRC Chemical: PFHPA
SRC Result: .49
SRC Result Modifie: <

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/14/2022		
Gm Screen Top Depth Ft:	37.13		
Gm Screen Bottom Depth Ft:	47.13		
SRC Samp Collection Date:	01/14/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	37.13		
SRC Screen Bottom Depth Ft:	47.13		
SRC Lab Note:	CI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
72	1 of 1	S	0.29 / 1,547.57	11.10 / -7	CA	PFAS GW

Well ID:	SL209294204-PMW114(A)	**SRS Latitude:**	32.624605799999998
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.0968048
Gm Data Source:	GeoTracker	**Latitude:**	32.624605799999998
Gm Well Category:	MONITORING	**Longitude:**	-117.0968048
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW114(A)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	2.2	***SRC Result:***	2.2
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	5.8	***SRC Result:***	5.8
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	2	***SRC Result:***	2
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	1.2	***SRC Result:***	1.2
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.59	**SRC Result:**	.59
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	62	**SRC Result:**	62
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		

SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .98
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: ETFOSA
SRC Result: .98
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: PFNS
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 41
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: PFOS
SRC Result: 41
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.2
SRC Chemical: 8:2FTS
SRC Result: 1.2

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	3.6
Gm Reporting Limit:	3.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	8.5	**SRC Result:**	8.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	20	**SRC Result:**	20
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.98	**SRC Result:**	.98
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		

Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: LR

Well Details

Gm Cas No:
Gm Result: .59
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 2.4
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: PFTRIDA
SRC Result: .59
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 8.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 2.4
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: PFPA
SRC Result: 8.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .59
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 3.6
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: HFPA-DA
SRC Result: .59
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDOA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.98	***SRC Result:***	.98
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	9.3	***SRC Result:***	9.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	2.4
Gm Reporting Limit:	2.4	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU,TG		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	6.7	***SRC Result:***	6.7
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	5.1	**SRC Result:**	5.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.59	**SRC Result:**	.59
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	3.6
Gm Reporting Limit:	3.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		

SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: LR
SRC Chemical: PFNDCA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.2
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 3.6
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: MEFOSE
SRC Result: 1.2
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .59
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 3.6
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: NETFOSAA
SRC Result: .59
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
SRC Chemical: PFTEDA
SRC Result: .49

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	5.9
Gm Reporting Limit:	5.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	1.8	**SRC Result:**	1.8
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	3.6
Gm Reporting Limit:	3.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		

Gm Screen Bottom Depth Ft:	19.69
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1215
SRC Screen Top Depth Ft:	4.69
SRC Screen Bottom Depth Ft:	19.69
SRC Lab Note:	BU

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	50	**SRC Result:**	50
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU,MB		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	5.9
Gm Reporting Limit:	5.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.59	**SRC Result:**	.59
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.59	***SRC Result:***	.59
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDOA	***SRC Report Limit:***	2.4
Gm Reporting Limit:	2.4	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.59	***SRC Result:***	.59
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	2.4
Gm Reporting Limit:	2.4	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:

Well Details

Gm Cas No: ***SRC Chemical:*** NMEFOSAA
Gm Result: .59 ***SRC Result:*** .59
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: NMEFOSAA ***SRC Report Limit:*** 2
Gm Reporting Limit: 2 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:

Well Details

Gm Cas No: ***SRC Chemical:*** 10:2FTS
Gm Result: .98 ***SRC Result:*** .98
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: 10:2FTS ***SRC Report Limit:*** 4.9
Gm Reporting Limit: 4.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: LR

Well Details

Gm Cas No: ***SRC Chemical:*** ADONA
Gm Result: .59 ***SRC Result:*** .59
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: ADONA ***SRC Report Limit:*** 2.4
Gm Reporting Limit: 2.4 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69

SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: 16
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: PFHXSA
SRC Result: 16
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: PFPA
SRC Result: 7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.2
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 3.6
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: PFODA
SRC Result: 1.2
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
SRC Chemical: PFOSA
SRC Result: .49

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	3.6
Gm Reporting Limit:	3.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	52	**SRC Result:**	52
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.59	**SRC Result:**	.59
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		

Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: 11ClPF3OUDS
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .71
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NMEFOSAA
Gm Reporting Limit: 2.4
Gm Well Depth Ft:
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: NMEFOSAA
SRC Result: .71
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 47
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 5.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: PFBTA
SRC Result: 47
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 5.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.59	***SRC Result:***	.59
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	2.4
Gm Reporting Limit:	2.4	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	40	***SRC Result:***	40
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	2.9	***SRC Result:***	2.9
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	2.4
Gm Reporting Limit:	2.4	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.59	***SRC Result:***	.59
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	2.4
Gm Reporting Limit:	2.4	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		

SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: PFTRIDA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: 9ClPF3ONS
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 4.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: PFNA
SRC Result: 4.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .98
SRC Chemical: ETFOSE
SRC Result: .98

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.59	**SRC Result:**	.59
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.98	**SRC Result:**	.98
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.59	**SRC Result:**	.59
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	2.4
Gm Reporting Limit:	2.4	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		

Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .98
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note:
SRC Chemical: 8:2FTS
SRC Result: .98
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .98
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: LR,RB
SRC Chemical: PFODA
SRC Result: .98
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 7.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 2.4
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.69
Gm Screen Bottom Depth Ft: 19.69
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1215
SRC Screen Top Depth Ft: 4.69
SRC Screen Bottom Depth Ft: 19.69
SRC Lab Note: BU
SRC Chemical: PFBSA
SRC Result: 7.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2.4
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	2.4	***SRC Result:***	2.4
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	5.9
Gm Reporting Limit:	5.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	7.2	***SRC Result:***	7.2
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.69		
Gm Screen Bottom Depth Ft:	19.69		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1215		
SRC Screen Top Depth Ft:	4.69		
SRC Screen Bottom Depth Ft:	19.69		
SRC Lab Note:	LR		

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Well ID:	SL209294204-PMW112(UB)	***SRS Latitude:***	32.6248036
Gm Dataset Name:	WB_CLEANUP	***SRS Longitude:***	-117.0992746
Gm Data Source:	GeoTracker	***Latitude:***	32.6248036
Gm Well Category:	MONITORING	***Longitude:***	-117.0992746
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW112(UB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	1.1	***SRC Result:***	1.1
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:
SRC Chemical: PFNS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:
SRC Chemical: HFPA-DA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 15
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: MB
SRC Chemical: PFOS
SRC Result: 15
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.58	**SRC Result:**	.58
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		

Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	LR,RB,CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	7.1	***SRC Result:***	7.1
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	11	**SRC Result:**	11
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

SRC Chemical: 6:2FTS
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

SRC Chemical: PFUNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: PFUNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	7.2	**SRC Result:**	7.2
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		

Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .93
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: J,DX

SRC Chemical: PFOSA
SRC Result: .93
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 9.2
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

SRC Chemical: PFPA
SRC Result: 9.2
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

SRC Chemical: PFTRIDA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.63	***SRC Result:***	.63
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	6.2	***SRC Result:***	6.2
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	1.5	**SRC Result:**	1.5
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 11
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: PFHA
SRC Result: 11
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: MEFOSE
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: LR,CI

SRC Chemical: PFHXDA
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.51	**SRC Result:**	.51
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.77	**SRC Result:**	.77
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		

Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	J,DX,CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	13	**SRC Result:**	13
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	6.4	**SRC Result:**	6.4
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	16	***SRC Result:***	16
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	8:2FTS	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.59	***SRC Result:***	.59
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: MEFOSA
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: PFDOA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: PFNS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	1.3	**SRC Result:**	1.3
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		

Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1350
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	6	**SRC Result:**	6
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoroheptanoic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoroheptanesulfonic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1350
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	11	**SRC Result:**	11
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorohexanoic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	9.7	***SRC Result:***	9.7
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	7.8	***SRC Result:***	7.8
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.81	**SRC Result:**	.81
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX,TG		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: PFDOA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

SRC Chemical: PFTEDA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: 10:2FTS
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	20	**SRC Result:**	20
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		

Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI
SRC Chemical: 6:2FTS
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 5.5
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI
SRC Chemical: PFHPA
SRC Result: 5.5
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI
SRC Chemical: PFNS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	11	***SRC Result:***	11
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.8
Gm Reporting Limit:	4.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	8.3	***SRC Result:***	8.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFOS
Gm Result:	17	***SRC Result:***	17
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	MB		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	8.3	**SRC Result:**	8.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	17	**SRC Result:**	17
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 15
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: MB,CI

SRC Chemical: PFOS
SRC Result: 15
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

SRC Chemical: 11ClPF3OUDS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 6.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

SRC Chemical: PFHPA
SRC Result: 6.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	19	**SRC Result:**	19
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.6	**SRC Result:**	.6
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		

Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	J,DX,CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	20	***SRC Result:***	20
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	2.5	***SRC Result:***	2.5
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	2.2	***SRC Result:***	2.2
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

SRC Chemical: MEFOSA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: LR,CI

SRC Chemical: PFHXDA
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .76
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: J,DX,CI

SRC Chemical: PFOSA
SRC Result: .76
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.67	**SRC Result:**	.67
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.8	**SRC Result:**	.8
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		

Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1350
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	J,DX,CI

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	1.3	**SRC Result:**	1.3
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.92	**SRC Result:**	.92
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI
SRC Chemical: 4:2FTS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI
SRC Chemical: 11ClPF3OUDS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note:
SRC Chemical: PFUNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		

Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	38.76
Gm Screen Bottom Depth Ft:	48.76
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	0000
SRC Screen Top Depth Ft:	38.76
SRC Screen Bottom Depth Ft:	48.76
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	6.9	**SRC Result:**	6.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFOS
Gm Result:	14	***SRC Result:***	14
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	MB,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.57	***SRC Result:***	.57
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:	LR,RB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	38.76		
SRC Screen Bottom Depth Ft:	48.76		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	38.76		
Gm Screen Bottom Depth Ft:	48.76		
SRC Samp Collection Date:	01/13/2022		

SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: J,DX

Well Details

Gm Cas No:
Gm Result: 15
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: PFBTA
SRC Result: 15
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: PFHPSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 38.76
Gm Screen Bottom Depth Ft: 48.76
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 38.76
SRC Screen Bottom Depth Ft: 48.76
SRC Lab Note: CI

SRC Chemical: PFTEDA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

74	*1 of 1*	*S*	*0.29 / 1,553.14*	*11.10 / -7*		*PFAS GW*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					CA	

Well ID: SL209294204-PMW114(UB)
Gm Dataset Name: WB_CLEANUP
Gm Data Source: GeoTracker
Gm Well Category: MONITORING
SRS Datum: NAD83
Gm Altwell Id1: PMW114(UB)
Gm Altwell Id2:
Gm Altwell Id3:

SRS Latitude: 32.624590900000001
SRS Longitude: -117.0968003
Latitude: 32.624590900000001
Longitude: -117.0968003

Well Details

Gm Cas No:
Gm Result: 2
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI

SRC Chemical: PFHXSA
SRC Result: 2
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .65
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: J,DX,CI

SRC Chemical: PFPES
SRC Result: .65
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24

SRC Chemical: 8:2FTS
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI
SRC Chemical: ETFOSE
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU
SRC Chemical: HFPA-DA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI
SRC Chemical: ADONA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
SRC Chemical: MEFOSA
SRC Result: .95

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.6	**SRC Result:**	.6
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		

Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: 9ClPF3ONS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 3
Gm Well Depth Ft:
SRC Chemical: MEFOSE
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 2
Gm Well Depth Ft:
SRC Chemical: PFDSA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	.51	***SRC Result:***	.51
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	J,DX,LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	2	***SRC Result:***	2
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	5
Gm Reporting Limit:	5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.5	***SRC Result:***	.5
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	.73	**SRC Result:**	.73
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		

SRC Screen Bottom Depth Ft:	45.24
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	2	**SRC Result:**	2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	5
Gm Reporting Limit:	5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.5	**SRC Result:**	.5

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		

Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

SRC Chemical: PFNS
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 5
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

SRC Chemical: 10:2FTS
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

SRC Chemical: PFTRIDA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.5	***SRC Result:***	.5
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	.63	***SRC Result:***	.63
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	2.9	***SRC Result:***	2.9
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFUNDCA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	3.5	**SRC Result:**	3.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		

SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU
SRC Chemical: NETFOSAA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU
SRC Chemical: ETFOSE
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .57
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NMEFOSAA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI
SRC Chemical: NMEFOSAA
SRC Result: .57
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
SRC Chemical: PFHXDA
SRC Result: .95

Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.7	***SRC Result:***	.7
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		

Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI
SRC Chemical: ETFOSA
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU
SRC Chemical: PFTEDA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.5
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: TG,CI
SRC Chemical: PFOS
SRC Result: 2.5
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.5	***SRC Result:***	.5
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	1	***SRC Result:***	1
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSA	***SRC Report Limit:***	5
Gm Reporting Limit:	5	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

Well Details

Gm Cas No: ***SRC Chemical:*** PFUNDCA
Gm Result: .5 ***SRC Result:*** .5
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFUNDCA ***SRC Report Limit:*** 2
Gm Reporting Limit: 2 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

Well Details

Gm Cas No: ***SRC Chemical:*** HFPA-DA
Gm Result: .47 ***SRC Result:*** .47
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: HFPA-DA ***SRC Report Limit:*** 2.8
Gm Reporting Limit: 2.8 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI

Well Details

Gm Cas No: ***SRC Chemical:*** PFHA
Gm Result: .47 ***SRC Result:*** .47
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFHA ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24

SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI
SRC Chemical: PFDSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: CI
SRC Chemical: PFHPSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU
SRC Chemical: PFODA
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
SRC Chemical: PFHXDA
SRC Result: 1

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		

Gm Screen Bottom Depth Ft:	45.24
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1230
SRC Screen Top Depth Ft:	35.24
SRC Screen Bottom Depth Ft:	45.24
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	3.1	**SRC Result:**	3.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorooctanoic sulfonate
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	35.24
Gm Screen Bottom Depth Ft:	45.24
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1230
SRC Screen Top Depth Ft:	35.24
SRC Screen Bottom Depth Ft:	45.24
SRC Lab Note:	BU,TG,MB

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	35.24
Gm Screen Bottom Depth Ft:	45.24
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1230
SRC Screen Top Depth Ft:	35.24
SRC Screen Bottom Depth Ft:	45.24
SRC Lab Note:	BU

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoroheptanoic acid
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	35.24
Gm Screen Bottom Depth Ft:	45.24
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1230
SRC Screen Top Depth Ft:	35.24
SRC Screen Bottom Depth Ft:	45.24
SRC Lab Note:	J,DX,BU

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	LR,RB,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	.98	***SRC Result:***	.98
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.24		
Gm Screen Bottom Depth Ft:	45.24		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1230		
SRC Screen Top Depth Ft:	35.24		
SRC Screen Bottom Depth Ft:	45.24		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	.8	***SRC Result:***	.8
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: J,DX,BU

Well Details

Gm Cas No: ***SRC Chemical:*** PFHXSA
Gm Result: 2.2 ***SRC Result:*** 2.2
Gm Result Modifier: = ***SRC Result Modifie:*** =
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFHXSA ***SRC Report Limit:*** 2
Gm Reporting Limit: 2 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

Well Details

Gm Cas No: ***SRC Chemical:*** PFDOA
Gm Result: .5 ***SRC Result:*** .5
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFDOA ***SRC Report Limit:*** 2
Gm Reporting Limit: 2 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.24
Gm Screen Bottom Depth Ft: 45.24
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1230
SRC Screen Top Depth Ft: 35.24
SRC Screen Bottom Depth Ft: 45.24
SRC Lab Note: BU

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
75	1 of 2	N	0.31 / 1,654.96	43.46 / 25	WOODLAWN COLONIAL APARTMENTS 245-255 WOODLAWN AVENUE CHULA VISTA CA 91910	VCP

Estor/EPA ID: 60001253 ***Permit Renewal Lead:***
Site Code: 401514 ***Project Manager:*** IRENA EDWARDS
Nat Priority List: NO ***Supervisor:*** MANNY ALONZO
Acres: 4.87 ACRES ***Public Partici Spclst:***
Special Program: VOLUNTARY AGREEMENT - STANDARD VOLUNTARY AGREEMENT ***Census Tract:*** 6073012502
Funding: SITE PROPONENT ***County:*** SAN DIEGO
Assembly District: 80 ***Latitude:*** 32.63855
Senate District: 40 ***Longitude:*** -117.09691
School District:
APN: 567-032-09-00
Cleanup Status: NO FURTHER ACTION AS OF 6/30/2014

Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: VOLUNTARY AGREEMENT
Office: CLEANUP CYPRESS
Past Use that Caused Contam: DRY CLEANING
Potential Media Affected: INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER)
Potential Contamin of Concern:

TETRACHLOROETHYLENE (PCE)

Site History:

The site is approximately 4.87 acres and includes 12 two-story apartment buildings with a total of 160 units. The reason for the VCA termination request, by the project proponenet is that the Woodlawn Colonial Apartments site was purchased by Woodlawn Colonial, LP (Woodlawn), and Woodlawn will be conducting the investigation and remediation of the above-mentioned site under a separate agreement with DTSC from this point forward. All future activities for this project have been absorbed by the E Street Plaza Shopping Center Site in Envirostor. This project has been listed as No Further Action in order to preserve historical activities associated with the E Street Plaza Site.

Status: NO FURTHER ACTION
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 85-90%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001253

Completed Activities

Title: 2010 cost estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&enforcement_id=60259283
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 12/10/2010
Comments:

Title: Supplemental Site Investigaiton Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&doc_id=60189101
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 6/3/2010
Comments:

Title: Supplemental Site Characterization Report , Nov. 15, 2010
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&doc_id=60258365
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 4/28/2011
Comments:

Title: Proposed Interim Measrues Workplan and CEQA Notice of Exemption, E Street Plaza, Chula Vista
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&doc_id=60261276
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: *Correspondence - Received
Date Completed: 2/7/2011
Comments:

Title: VCA Termination Notification
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&doc_id=60266449
Area Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Area Link:
Sub Area:
Sub Area Link:
Document Type: Voluntary Cleanup Agreement Termination Notification
Date Completed: 7/8/2011
Comments:

Title: Voluntary Cleanup Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&enforcement_id=60188310
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 12/17/2009
Comments: Fully Executed VCA.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
75	2 of 2	N	0.31 / 1,654.96	43.46 / 25	WOODLAWN COLONIAL APARTMENTS 245-255 WOODLAWN AVENUE CHULA VISTA CA 91910	ENVIROSTOR

Estor/EPA ID: 60001253
Site Code: 401514
Nat Priority List: NO
APN: 567-032-09-00
Census Tract: 6073012502
Site Type: VOLUNTARY AGREEMENT
Address Description: 245-255 WOODLAWN AVENUE
Office: CLEANUP CYPRESS
Special Program: VOLUNTARY AGREEMENT - STANDARD VOLUNTARY AGREEMENT
Funding: SITE PROPONENT
Assembly District: 80
Senate District: 40
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: IRENA EDWARDS
County: SAN DIEGO
Latitude: 32.63855
Longitude: -117.09691
Acres: 4.87 ACRES
Supervisor: MANNY ALONZO
Cleanup Status: NO FURTHER ACTION AS OF 6/30/2014
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: DRY CLEANING
Potential Media Affected: INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER)
Potential Contamin of Concern:

TETRACHLOROETHYLENE (PCE)

Site History:

The site is approximately 4.87 acres and includes 12 two-story apartment buildings with a total of 160 units. The reason for the VCA termination request, by the project proponenet is that the Woodlawn Colonial Apartments site was purchased by Woodlawn Colonial, LP (Woodlawn), and Woodlawn will be conducting the investigation and remediation of the above-mentioned site under a separate agreement with DTSC from this point forward. All future activities for this project have been absorbed by the E Street Plaza Shopping Center Site in Envirostor. This project has been listed as No Further Action in order to preserve historical activities associated with the E Street Plaza Site.

Status: NO FURTHER ACTION
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 85-90%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001253

Completed Activities

Title: VCA Termination Notification
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&doc_id=60266449
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Voluntary Cleanup Agreement Termination Notification
Date Completed: 7/8/2011
Comments:

Title: Proposed Interim Measrues Workplan and CEQA Notice of Exemption, E Street Plaza, Chula Vista
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&doc_id=60261276
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: *Correspondence - Received
Date Completed: 2/7/2011
Comments:

Title: 2010 cost estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&enforcement_id=60259283
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 12/10/2010
Comments:

Title: Supplemental Site Investigaiton Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&doc_id=60189101
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 6/3/2010
Comments:

Title: Supplemental Site Characterization Report , Nov. 15, 2010
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&doc_id=60258365
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 4/28/2011
Comments:

Title: Voluntary Cleanup Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001253&enforcement_id=60188310
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 12/17/2009
Comments: Fully Executed VCA.

76	1 of 1	S	0.32 / 1,675.21	10.32 / -8	CA	PFAS GW

Well ID: SL209294204-PMW115(UB)
Gm Dataset Name: WB_CLEANUP
Gm Data Source: GeoTracker
Gm Well Category: MONITORING
SRS Datum: NAD83
Gm Altwell Id1: PMW115(UB)
Gm Altwell Id2:
Gm Altwell Id3:

SRS Latitude: 32.624207400000003
SRS Longitude: -117.0976958
Latitude: 32.624207400000003
Longitude: -117.0976958

Well Details

Gm Cas No:
Gm Result: .49

SRC Chemical: PFNDCA
SRC Result: .49

Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	8:2FTS	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: PFBSA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: 11ClPF3OUDS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: PFPES
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	.63	***SRC Result:***	.63
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX,LR		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: LR

Well Details

Gm Cas No: ***SRC Chemical:*** PFHXDA
Gm Result: .97 ***SRC Result:*** .97
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFHXDA ***SRC Report Limit:*** 2.9
Gm Reporting Limit: 2.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: LR

Well Details

Gm Cas No: ***SRC Chemical:*** PFOS
Gm Result: .87 ***SRC Result:*** .87
Gm Result Modifier: ND ***SRC Result Modifie:*** ND
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFOS ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX

Well Details

Gm Cas No: ***SRC Chemical:*** PFPES
Gm Result: .49 ***SRC Result:*** .49
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFPES ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79

SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

SRC Chemical: PFPES
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

SRC Chemical: PFUNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:

SRC Chemical: PFUNDCA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .56

SRC Chemical: NMEFOSAA
SRC Result: .56

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX,BU,TG		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Gm Screen Bottom Depth Ft:	45.79
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1030
SRC Screen Top Depth Ft:	35.79
SRC Screen Bottom Depth Ft:	45.79
SRC Lab Note:	BU

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	1.1	***SRC Result:***	1.1
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX,BU

Well Details

Gm Cas No: ***SRC Chemical:*** 10:2FTS
Gm Result: .94 ***SRC Result:*** .94
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: 10:2FTS ***SRC Report Limit:*** 4.7
Gm Reporting Limit: 4.7 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

Well Details

Gm Cas No: ***SRC Chemical:*** PFNS
Gm Result: .47 ***SRC Result:*** .47
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFNS ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

Well Details

Gm Cas No: ***SRC Chemical:*** PFPA
Gm Result: 1.4 ***SRC Result:*** 1.4
Gm Result Modifier: ND ***SRC Result Modifie:*** ND
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFPA ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79

SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX,BU

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: ADONA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: HFPA-DA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: LR
SRC Chemical: PFHPA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
SRC Chemical: PFOSA
SRC Result: .49

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: LR
SRC Chemical: PFNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: ETFOSE
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	.86	***SRC Result:***	.86
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		

SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.3
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX,BU,MB
SRC Chemical: PFOS
SRC Result: 1.3
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: PFUNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .59
SRC Chemical: PFBSA
SRC Result: .59

Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: ETFOSA
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: PFTRIDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.6
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX,BU,TG
SRC Chemical: PFHA
SRC Result: 1.6
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	PFNA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	LR,RB		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		

SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: ETFOSA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.2
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX
SRC Chemical: PFOA
SRC Result: 1.2
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: HFPA-DA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .58
SRC Chemical: NMEFOSAA
SRC Result: .58

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .78
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX

SRC Chemical: PFOS
SRC Result: .78
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX

SRC Chemical: PFOA
SRC Result: 1
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

SRC Chemical: MEFOSA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFNA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		

SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: 8:2FTS
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: LR,RB
SRC Chemical: PFODA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
SRC Chemical: 10:2FTS
SRC Result: .94

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Gm Screen Bottom Depth Ft:	45.79
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1030
SRC Screen Top Depth Ft:	35.79
SRC Screen Bottom Depth Ft:	45.79
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	.78	**SRC Result:**	.78
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	2.4	***SRC Result:***	2.4
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		

SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: PFHPSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: PFNS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: 9ClPF3ONS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
SRC Chemical: NETFOSAA
SRC Result: .47

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	2	**SRC Result:**	2
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: PFOSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: PFDOA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.9
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: LR
SRC Chemical: 10:2FTS
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	1.3	***SRC Result:***	1.3
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	8:2FTS	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX,BU,MB		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		

SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .74
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX,BU
SRC Chemical: PFBSA
SRC Result: .74
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: ADONA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: PFTEDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
SRC Chemical: PFHPSA
SRC Result: .49

Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: 11ClPF3OUDS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: PFDSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: MEFOSA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		

SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 2.1
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 0000
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: J,DX
SRC Chemical: PFBTA
SRC Result: 2.1
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note:
SRC Chemical: NETFOSAA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35.79
Gm Screen Bottom Depth Ft: 45.79
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1030
SRC Screen Top Depth Ft: 35.79
SRC Screen Bottom Depth Ft: 45.79
SRC Lab Note: BU
SRC Chemical: PFTRIDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
SRC Chemical: 11ClPF3OUDS
SRC Result: .49

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1030		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	2.9	**SRC Result:**	2.9
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		
Gm Screen Bottom Depth Ft:	45.79		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	0000		
SRC Screen Top Depth Ft:	35.79		
SRC Screen Bottom Depth Ft:	45.79		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35.79		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Screen Bottom Depth Ft:	45.79
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1030
SRC Screen Top Depth Ft:	35.79
SRC Screen Bottom Depth Ft:	45.79
SRC Lab Note:	BU

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
77	1 of 1	S	0.32 / 1,691.45	10.35 / -8	CA	PFAS GW

Well ID:	SL209294204-PMW115(A)	**SRS Latitude:**	32.624162599999998
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.09768889999999
Gm Data Source:	GeoTracker	**Latitude:**	32.624162599999998
Gm Well Category:	MONITORING	**Longitude:**	-117.09768889999999
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW115(A)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.62	**SRC Result:**	.62
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	1.7	**SRC Result:**	1.7
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	2.5

Gm Reporting Limit:	2.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.5	***SRC Result:***	.5
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDOA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	28	***SRC Result:***	28
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	2.5
Gm Reporting Limit:	2.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	26	***SRC Result:***	26
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	5
Gm Reporting Limit:	5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		

SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: 12
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU
SRC Chemical: PFHXSA
SRC Result: 12
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 5
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU
SRC Chemical: ETFOSA
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU
SRC Chemical: HFPA-DA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
SRC Chemical: ETFOSE

Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	3.7
Gm Reporting Limit:	3.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.62	**SRC Result:**	.62
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.75	**SRC Result:**	.75
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	5.5	**SRC Result:**	5.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		

Gm Screen Top Depth Ft:	4.73
Gm Screen Bottom Depth Ft:	19.73
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1050
SRC Screen Top Depth Ft:	4.73
SRC Screen Bottom Depth Ft:	19.73
SRC Lab Note:	BU

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	2.5	**SRC Result:**	2.5
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	6.2
Gm Reporting Limit:	6.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	4.73
Gm Screen Bottom Depth Ft:	19.73
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1050
SRC Screen Top Depth Ft:	4.73
SRC Screen Bottom Depth Ft:	19.73
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.62	**SRC Result:**	.62
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorododecanoic acid
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	4.73
Gm Screen Bottom Depth Ft:	19.73
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1050
SRC Screen Top Depth Ft:	4.73
SRC Screen Bottom Depth Ft:	19.73
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.62	**SRC Result:**	.62
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorononanesulfonic acid
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	4.73
Gm Screen Bottom Depth Ft:	19.73
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1050
SRC Screen Top Depth Ft:	4.73
SRC Screen Bottom Depth Ft:	19.73
SRC Lab Note:	

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.5	***SRC Result:***	.5
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	1.2	***SRC Result:***	1.2
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	3.7
Gm Reporting Limit:	3.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.67	***SRC Result:***	.67
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	3.7
Gm Reporting Limit:	3.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: J,DX

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	15	***SRC Result:***	15
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

Well Details

Gm Cas No: ***SRC Chemical:*** PFNA
Gm Result: 2 ***SRC Result:*** 2
Gm Result Modifier: = ***SRC Result Modifie:*** =
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFNA ***SRC Report Limit:*** 2
Gm Reporting Limit: 2 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

Well Details

Gm Cas No: ***SRC Chemical:*** PFDSA
Gm Result: .5 ***SRC Result:*** .5
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFDSA ***SRC Report Limit:*** 2
Gm Reporting Limit: 2 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

Well Details

Gm Cas No: ***SRC Chemical:*** PFDSA
Gm Result: .62 ***SRC Result:*** .62
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFDSA ***SRC Report Limit:*** 2.5
Gm Reporting Limit: 2.5 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73

SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU
SRC Chemical: 11ClPF3OUDS
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 5
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU
SRC Chemical: 6:2FTS
SRC Result: 2
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.2
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 6.2
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:
SRC Chemical: ETFOSA
SRC Result: 1.2
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 6.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.2
SRC Chemical: 10:2FTS
SRC Result: 1.2

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	6.2
Gm Reporting Limit:	6.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	7.5	**SRC Result:**	7.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	11	**SRC Result:**	11
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	3.7
Gm Reporting Limit:	3.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		

Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 3
Gm Well Depth Ft:
SRC Chemical: MEFOSE
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 3
Gm Well Depth Ft:
SRC Chemical: ETFOSE
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: 1.2
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 3
Gm Well Depth Ft:
SRC Chemical: NETFOSAA
SRC Result: 1.2
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: J,DX,BU

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	1	***SRC Result:***	1
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	8:2FTS	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.5	***SRC Result:***	.5
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.5	***SRC Result:***	.5
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	1.2	***SRC Result:***	1.2
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	3.7
Gm Reporting Limit:	3.7	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	1.4	**SRC Result:**	1.4
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	J,DX,LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	1.4	**SRC Result:**	1.4
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.62	**SRC Result:**	.62
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		

SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .62
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 2.5
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:

SRC Chemical: PFUNDCA
SRC Result: .62
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

SRC Chemical: PFUNDCA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

SRC Chemical: PFTRIDA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 4.5

SRC Chemical: PFBSA
SRC Result: 4.5

Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	2.5
Gm Reporting Limit:	2.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	1.2	***SRC Result:***	1.2
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	3.7
Gm Reporting Limit:	3.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	1	***SRC Result:***	1
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.62	***SRC Result:***	.62
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	2.5
Gm Reporting Limit:	2.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		

Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 2.5
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: LR

SRC Chemical: PFHPA
SRC Result: 7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2.5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .62
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 2.5
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:

SRC Chemical: PFTRIDA
SRC Result: .62
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 8.7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

SRC Chemical: PFPA
SRC Result: 8.7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	1.2	***SRC Result:***	1.2
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	3.7
Gm Reporting Limit:	3.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	11	***SRC Result:***	11
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	2.5
Gm Reporting Limit:	2.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFOS
Gm Result:	27	***SRC Result:***	27
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOS	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU,MB		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.62	***SRC Result:***	.62
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	2.5
Gm Reporting Limit:	2.5	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.6	**SRC Result:**	.6
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	2.5
Gm Reporting Limit:	2.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		

SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: 26
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 2.5
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:
SRC Chemical: PFOS
SRC Result: 26
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2.5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .5
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU
SRC Chemical: ADONA
SRC Result: .5
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 22
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 6.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note:
SRC Chemical: PFBTA
SRC Result: 22
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 6.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
SRC Chemical: PFHXDA
SRC Result: 1

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	5
Gm Reporting Limit:	5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	3.7
Gm Reporting Limit:	3.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		

Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: LR,RB

Well Details

Gm Cas No:
Gm Result: 1.5
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: J,DX,BU

SRC Chemical: PFNDCA
SRC Result: 1.5
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 7.3
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: BU

SRC Chemical: PFHPA
SRC Result: 7.3
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.2
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 2.5
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4.73
Gm Screen Bottom Depth Ft: 19.73
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1050
SRC Screen Top Depth Ft: 4.73
SRC Screen Bottom Depth Ft: 19.73
SRC Lab Note: J,DX

SRC Chemical: PFOSA
SRC Result: 1.2
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2.5
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	30	***SRC Result:***	30
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOSA
Gm Result:	1.3	***SRC Result:***	1.3
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.62	***SRC Result:***	.62
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	2.5
Gm Reporting Limit:	2.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4.73		
Gm Screen Bottom Depth Ft:	19.73		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1050		
SRC Screen Top Depth Ft:	4.73		
SRC Screen Bottom Depth Ft:	19.73		
SRC Lab Note:			

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EPA Handler ID:	CAL000206522
Gen Status Universe:	No Report
Contact Name:	ZULEMA ADAMS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Address: 2610 NOBLE CANYON RD, CHULA VISTA, CA, 91915,
Contact Phone No and Ext: 619-565-5070
Contact Email: ACCOUNTANTSUNLIMITED@HOTMAIL.COM
Contact Country:
Land Type:
County Name: SAN DIEGO
EPA Region: 09
Receive Date: 20010523
Location Latitude: 32.630448
Location Longitude: -117.091439

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20010523
Handler Name: BEST YEAR AUTO REPAIR SERVICE CENTER LLC
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: ZULEMA ADAMS
Date Became Current:
Date Ended Current:
Phone: 619-565-5070
Source Type: Implementer
Street No:
Street 1: 2610 NOBLE CANYON RD
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91915

Owner/Operator Ind: Current Owner
Type: Other
Name: BEST YEAR AUTO REPAIR SERV CEN LLC
Date Became Current:
Date Ended Current:
Phone: 619-425-7187
Source Type: Implementer
Street No:
Street 1: 647 H ST
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910-4201

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EPA Handler ID: CAC003013969
Gen Status Universe: No Report
Contact Name: ALI NAYAB
Contact Address: 17491 IRVINE BLVD., #100, TUSTIN, CA, 91910,
Contact Phone No and Ext: 619-218-2717
Contact Email: NANCYL@PWSEI.COM
Contact Country:
Land Type:
County Name: SAN DIEGO
EPA Region: 09
Receive Date: 20190507
Location Latitude: 32.638704
Location Longitude: -117.096927

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190507
Handler Name: THE ATHERTON APT. HOMES
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: ALI NAYAB
Date Became Current:
Date Ended Current:
Phone: 619-218-2717
Source Type: Implementer
Street No:
Street 1: 17491 IRVINE BLVD.
Street 2: #100
City: TUSTIN
State: CA
Country:
Zip Code: 91910

Owner/Operator Ind: Current Operator
Type: Other
Name: ALI NAYAB
Date Became Current:
Date Ended Current:
Phone: 619-218-2717
Street No:
Street 1: 17491 IRVINE BLVD.
Street 2: #100
City: TUSTIN
State: CA
Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:	Implementer			**Zip Code:**	91910	

80 | **1 of 1** | **ENE** | **0.34 / 1,793.67** | **38.66 / 20** | **KUEBLER & KUEBLER LTD #1**
616 G STREET #62
CHULA VISTA CA 91910 | **RCRA TSD**

EPA Handler ID: CAC003013147
Gen Status Universe: No Report
Contact Name: GARRETT MCCORMICK
Contact Address: 260 LANDIS AVE., CHULA VISTA, CA, 91910,
Contact Phone No and Ext: 619-422-8334
Contact Email: CINDYEDWARDS@ALLIANCE-ENVIRO.COM
Contact Country:
Land Type:
County Name: SAN DIEGO
EPA Region: 09
Receive Date: 20190502
Location Latitude: 32.633109
Location Longitude: -117.092138

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190502
Handler Name: KUEBLER & KUEBLER LTD #1
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: GARRETT MCCORMICK
Date Became Current:
Date Ended Current:
Phone: 619-422-8334
Source Type: Implementer
Street No:
Street 1: 260 LANDIS AVE.
Street 2:
City: CHULA VISTA
State: CA
Country:
Zip Code: 91910

Owner/Operator Ind: Current Owner
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	260 LANDIS AVE.
Name:	KUEBLER & KUEBLER LTD #1	**Street 2:**	
Date Became Current:		**City:**	CHULA VISTA
Date Ended Current:		**State:**	CA
Phone:	619-422-8334	**Country:**	
Source Type:	Implementer	**Zip Code:**	91910

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
81	1 of 1	SSW	0.34 / 1,799.08	10.93 / -8	CA	PFAS GW

Well ID:	SL209294204-PMW111(UB)	**SRS Latitude:**	32.624433799999998
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.1002845
Gm Data Source:	GeoTracker	**Latitude:**	32.624433799999998
Gm Well Category:	MONITORING	**Longitude:**	-117.1002845
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW111(UB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	16	**SRC Result:**	16
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9

Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	4.8	***SRC Result:***	4.8
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		

SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 7.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:
SRC Chemical: PFHA
SRC Result: 7.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: ETFOSE
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: HFPA-DA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
SRC Chemical: PFDSA

Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		

Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: LR,RB,CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI

SRC Chemical: PFTEDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 4.1
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI

SRC Chemical: PFHPA
SRC Result: 4.1
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.3
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI

SRC Chemical: PFBSA
SRC Result: 3.3
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.94	**SRC Result:**	.94
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		

SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: LR

Well Details

Gm Cas No:
Gm Result: 18
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: PFBTA
SRC Result: 18
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: PFPES
SRC Result: 3.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: 10:2FTS
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.1
SRC Chemical: PFNA
SRC Result: 3.1

Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	3.2	**SRC Result:**	3.2
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	11	**SRC Result:**	11
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		

Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

SRC Chemical: PFDSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 230
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: MB

SRC Chemical: PFOS
SRC Result: 230
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

SRC Chemical: ETFOSA
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	35.28
Gm Screen Bottom Depth Ft:	45.28
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1200
SRC Screen Top Depth Ft:	35.28
SRC Screen Bottom Depth Ft:	45.28
SRC Lab Note:	

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.57	***SRC Result:***	.57
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	35.28
Gm Screen Bottom Depth Ft:	45.28
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1200
SRC Screen Top Depth Ft:	35.28
SRC Screen Bottom Depth Ft:	45.28
SRC Lab Note:	CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	23	***SRC Result:***	23
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name:	Perfluorobutanoic acid
Gm Samp Collection Date:	01/13/2022
Gm Screen Top Depth Ft:	35.28
Gm Screen Bottom Depth Ft:	45.28
SRC Samp Collection Date:	01/13/2022
SRC Samp Collection Time:	1200
SRC Screen Top Depth Ft:	35.28
SRC Screen Bottom Depth Ft:	45.28
SRC Lab Note:	

Well Details

Gm Cas No:		***SRC Chemical:***	PFBSA
Gm Result:	3.8	***SRC Result:***	3.8
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	200	**SRC Result:**	200
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	MB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	2.5	**SRC Result:**	2.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.56	**SRC Result:**	.56
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		

SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 13
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

SRC Chemical: PFPA
SRC Result: 13
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.5
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI

SRC Chemical: PFHPSA
SRC Result: 2.5
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI

SRC Chemical: ETFOSA
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47

SRC Chemical: PFTEDA
SRC Result: .47

Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	18	***SRC Result:***	18
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFDOA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		

Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 14
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:
SRC Chemical: PFHXSA
SRC Result: 14
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:
SRC Chemical: 9ClPF3ONS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 6.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: PFHA
SRC Result: 6.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	4:2FTS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	4:2FTS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	4	**SRC Result:**	4
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		

SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 3
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

SRC Chemical: PFHPSA
SRC Result: 3
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .94
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

SRC Chemical: 8:2FTS
SRC Result: .94
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.9
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

SRC Chemical: PFNDCA
SRC Result: 2.9
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95

SRC Chemical: PFHXDA
SRC Result: .95

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		

Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: 8:2FTS
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: 6:2FTS
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/13/2022
Gm Screen Top Depth Ft: 35.28
Gm Screen Bottom Depth Ft: 45.28
SRC Samp Collection Date: 01/13/2022
SRC Samp Collection Time: 1200
SRC Screen Top Depth Ft: 35.28
SRC Screen Bottom Depth Ft: 45.28
SRC Lab Note: CI
SRC Chemical: 11ClPF3OUDS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	13	***SRC Result:***	13
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	.94	***SRC Result:***	.94
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/13/2022		
Gm Screen Top Depth Ft:	35.28		
Gm Screen Bottom Depth Ft:	45.28		
SRC Samp Collection Date:	01/13/2022		
SRC Samp Collection Time:	1200		
SRC Screen Top Depth Ft:	35.28		
SRC Screen Bottom Depth Ft:	45.28		
SRC Lab Note:			

82	*1 of 1*	*SSW*	*0.34 / 1,805.47*	*10.89 / -8*		*PFAS GW*
				CA		

Well ID:	SL209294204-PMW111(LB)	***SRS Latitude:***	32.624409800000002
Gm Dataset Name:	WB_CLEANUP	***SRS Longitude:***	-117.1002751
Gm Data Source:	GeoTracker	***Latitude:***	32.624409800000002
Gm Well Category:	MONITORING	***Longitude:***	-117.1002751

SRS Datum: NAD83
Gm Altwell Id1: PMW111(LB)
Gm Altwell Id2:
Gm Altwell Id3:

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: PFTEDA
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: PFNDCA
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: CI

SRC Chemical: PFHXDA
SRC Result: .9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.43	**SRC Result:**	.43
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.85	**SRC Result:**	.85
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.3
Gm Reporting Limit:	4.3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	3.4	**SRC Result:**	3.4
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.43	**SRC Result:**	.43
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		

Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: CI

SRC Chemical: PFTRIDA
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: CI

SRC Chemical: PFNDCA
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: PFHPA
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	5	***SRC Result:***	5
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.5
Gm Reporting Limit:	4.5	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.85	***SRC Result:***	.85
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFODA	***SRC Report Limit:***	2.6
Gm Reporting Limit:	2.6	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.45	***SRC Result:***	.45
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.7
Gm Reporting Limit:	2.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.9	***SRC Result:***	.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.85	**SRC Result:**	.85
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.6
Gm Reporting Limit:	2.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.8	**SRC Result:**	1.8
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.5
Gm Reporting Limit:	4.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .85
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.6
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: MEFOSA
SRC Result: .85
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .81
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: J,DX,CI

SRC Chemical: PFPES
SRC Result: .81
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.7
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.3
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: 6:2FTS
SRC Result: 1.7
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	.43	**SRC Result:**	.43
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		

Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .85
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.6
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:
SRC Chemical: 8:2FTS
SRC Result: .85
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: CI
SRC Chemical: PFNA
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: LR
SRC Chemical: 11ClPF3OUDS
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	1.5	***SRC Result:***	1.5
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.43	***SRC Result:***	.43
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.7
Gm Reporting Limit:	1.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	.9	***SRC Result:***	.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	2.7
Gm Reporting Limit:	2.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.45	***SRC Result:***	.45
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXDA
Gm Result:	.85	**SRC Result:**	.85
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXDA	**SRC Report Limit:**	2.6
Gm Reporting Limit:	2.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.9	**SRC Result:**	.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .45
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: CI

SRC Chemical: ADONA
SRC Result: .45
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .85
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.3
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: LR

SRC Chemical: 10:2FTS
SRC Result: .85
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .9
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: J,DX,CI

SRC Chemical: PFHPA
SRC Result: .9
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.9	**SRC Result:**	.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		

Gm Samp Collection Date:	01/27/2022
Gm Screen Top Depth Ft:	107
Gm Screen Bottom Depth Ft:	117
SRC Samp Collection Date:	01/27/2022
SRC Samp Collection Time:	1350
SRC Screen Top Depth Ft:	107
SRC Screen Bottom Depth Ft:	117
SRC Lab Note:	CI

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.43	**SRC Result:**	.43
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.9	**SRC Result:**	.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.5
Gm Reporting Limit:	4.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	.63	**SRC Result:**	.63
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.43	***SRC Result:***	.43
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.7
Gm Reporting Limit:	1.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.45	***SRC Result:***	.45
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.43	***SRC Result:***	.43
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.7
Gm Reporting Limit:	1.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.9	***SRC Result:***	.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.7
Gm Reporting Limit:	2.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	LR,RB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	.43	**SRC Result:**	.43
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.43	**SRC Result:**	.43
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.6
Gm Reporting Limit:	2.6	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	1.3	**SRC Result:**	1.3
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: J,DX,CI

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: PFNS
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: PFOSA
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.6
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: LR

SRC Chemical: HFPA-DA
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.6
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	7.9	**SRC Result:**	7.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.45	**SRC Result:**	.45
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.51	**SRC Result:**	.51
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.9	**SRC Result:**	.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.5
Gm Reporting Limit:	4.5	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		

Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:
SRC Chemical: PFTRIDA
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.7
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.3
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:
SRC Chemical: PFBTA
SRC Result: 1.7
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.7
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note: J,DX,CI
SRC Chemical: PFHA
SRC Result: 1.7
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.85	***SRC Result:***	.85
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.6
Gm Reporting Limit:	2.6	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	.43	***SRC Result:***	.43
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.7
Gm Reporting Limit:	1.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.45	***SRC Result:***	.45
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.8
Gm Reporting Limit:	1.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.43	***SRC Result:***	.43
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.54	**SRC Result:**	.54
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.43	**SRC Result:**	.43
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		
SRC Samp Collection Time:	1350		
SRC Screen Top Depth Ft:	107		
SRC Screen Bottom Depth Ft:	117		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	.43	**SRC Result:**	.43
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.7
Gm Reporting Limit:	1.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/27/2022		
Gm Screen Top Depth Ft:	107		
Gm Screen Bottom Depth Ft:	117		
SRC Samp Collection Date:	01/27/2022		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: PFNA
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .43
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/27/2022
Gm Screen Top Depth Ft: 107
Gm Screen Bottom Depth Ft: 117
SRC Samp Collection Date: 01/27/2022
SRC Samp Collection Time: 1350
SRC Screen Top Depth Ft: 107
SRC Screen Bottom Depth Ft: 117
SRC Lab Note:

SRC Chemical: PFHXSA
SRC Result: .43
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

83	*1 of 2*	*NNW*	*0.35 / 1,824.73*	*22.37 / 4*	***CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - Chula Vista Bayfront Master Plan Development - Sweetwater Parcels*** ***215 Bay Boulevard*** ***Chula Vista CA 91910***	***CLEANUP SITES***

Global ID: T10000006477
County: San Diego
Status Date: 5/2/2016
Status: Completed - Case Closed
Site Facility Type: Cleanup Program Site
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 32.636401755839
Longitude: -117.101328643655

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 4090005
Local Case No:
Begin Date: 2/11/2015
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO

CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Dichloroethane (DCA), Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Chlordane, DDD / DDE / DDT, Other Insecticides / Pesticide / Fumigants / Herbicides, Toxaphene, Arsenic, Lead, Diesel
How Discovered:
Stop Method:
Stop Description:
Case Worker: SAM
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 2016-05-02 00:00:00
Potential Media of Concern: Aquifer used for drinking water supply, Soil, Soil Vapor
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Disadvantaged Community
Coordinate Source:
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%
File Location: All Files are on GeoTracker or in the Local Agency Database
Site History:

The approximately 97-acre site is located adjacent to the Sweetwater Marsh/San Diego Bay National Wildlife Refuge and is targeted for development as part of the Chula Vista Bayfront Master Plan. Redevelopment will include an RV park, recreational parks, streets, and utilities. The site has been impacted by historical agricultural use (pesticides in surface and near-surface soil), illegal dumping, petroleum from historical USTs, lead in shallow soil (potential secondary deposits of burn ash from other sources and aerially deposited lead), migration of VOC-contaminated groundwater from off-site industrial sources, metals in shallow soil from former industrial operations (e.g., sandblasting), and possibly waste disposal. Several environmental investigations have been performed at the site since 1999. Additional site assessment was performed in 2015 that involved shallow soil sampling and performance of a human health risk assessment. No further work is required to be performed at this site and the site was issued a No Further Action letter on January 4, 2016. A Soil Management Plan will be prepared for the site for use during future site redevelopment.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Eligible for Closure
Status Date: 2016-03-02 00:00:00

Status: Open - Case Begin Date
Status Date: 2015-02-11 00:00:00

Status: Open - Site Assessment
Status Date: 2015-02-11 00:00:00

Status: Completed - Case Closed
Status Date: 2016-05-02 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: SARAH A. MEARON
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: sarah.mearon@waterboards.ca.gov
Phone No: 6195213363

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:

CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000006477
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/2/2016
Potential COC: ARSENIC, CHLORDANE, DDD / DDE / DDT, DICHLOROETHANE (DCA), DICHLOROETHENE (DCE), DIESEL, LEAD, OTHER CHLORINATED HYDROCARBONS, OTHER INSECTICIDES / PESTICIDE / FUMIGANTS / HERBICIDES, TETRACHLOROETHYLENE (PCE), TOXAPHENE, TRICHLOROETHYLENE (TCE)
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY, SOIL, SOIL VAPOR
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 4090005
CASEWORKER: SARAH A. MEARON
SAN DIEGO COUNTY LOP - CASE #: DEH2015-LSAM-000282
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000006477&tabname=regulatoryhistory
Site History:

The approximately 97-acre site is located adjacent to the Sweetwater Marsh/San Diego Bay National Wildlife Refuge and is targeted for development as part of the Chula Vista Bayfront Master Plan. Redevelopment will include an RV park, recreational parks, streets, and utilities. The site has been impacted by historical agricultural use (pesticides in surface and near-surface soil), illegal dumping, petroleum from historical USTs, lead in shallow soil (potential secondary deposits of burn ash from other sources and aerially deposited lead), migration of VOC-contaminated groundwater from off-site industrial sources, metals in shallow soil from former industrial operations (e.g., sandblasting), and possibly waste disposal. Several environmental investigations have been performed at the site since 1999. Additional site assessment was performed in 2015 that involved shallow soil sampling and performance of a human health risk assessment. No further work is required to be performed at this site and the site was issued a No Further Action letter on January 4, 2016. A Soil Management Plan will be prepared for the site for use during future site redevelopment.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 2/11/2015
Received Issue Date: 2/11/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6235906&temptable=ENFORCEMENT
Title Description Comments:

VAP Application

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan - Regulator Responded
Action Date: 1/9/2015
Received Issue Date: 2/19/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5832376
Title Description Comments:

Work Plan for Supplemental Site Assessment

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 1/13/2013
Received Issue Date: 1/13/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6319508&temptable=ENFORCEMENT
Title Description Comments:

Chula Vista Bayfront Cost Recovery Agreement

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/4/2019
Received Issue Date: 11/4/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=6008048
Title Description Comments:

Letter from Port of San Diego to San Diego County DEH Solid Waste LEA

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 4/15/2016
Received Issue Date: 4/28/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5882397
Title Description Comments:

Revised Soil and Groundwater Management Plan

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 2/17/2016
Received Issue Date: 2/17/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5882360
Title Description Comments:

Soil and Groundwater Management Plan

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 1/13/2016
Received Issue Date: 1/13/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6272482&temptable=ENFORCEMENT
Title Description Comments:

Revised Annual Estimation Letter for FY2015/16

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded
Action Date: 1/8/2016
Received Issue Date: 12/17/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5869091
Title Description Comments:

Response to Comments for 11/30/15 Comment Letter - Ninyo and Moore Report

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 1/4/2016
Received Issue Date: 1/4/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6271391&temptable=ENFORCEMENT
Title Description Comments:

No Further Action

Action Type: Response Requested - Other
Action: Email Correspondence - Regulator Responded
Action Date: 12/3/2015
Received Issue Date: 12/3/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5870021

Title Description Comments:

Response to Comments - Tech Memo - Tetra Tech

Action Type: Response Requested - Reports
Action: Site Assessment Report - Regulator Responded
Action Date: 11/5/2015
Received Issue Date: 11/2/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5866645
Title Description Comments:

Revised Report of Results - Supplemental Site Assessment - Report is dated June 25, 2015, but was authorized by release by RP in first week of November 2015.

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: 7/16/2015
Received Issue Date: 7/16/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5850193
Title Description Comments:

Asbestos Abatement Work

Action Type: Notices
Action: Letter - Notice
Action Date: 2/20/2015
Received Issue Date: 2/20/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6236511&temptable=ENFORCEMENT
Title Description Comments:

RWQCB's disapproval of SB-1248

Action Type: Notices
Action: Letter - Notice
Action Date: 2/12/2015
Received Issue Date: 2/12/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6235904&temptable=ENFORCEMENT
Title Description Comments:

SB-1248 Agency Notification

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/22/2015
Received Issue Date: 6/22/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6249612&temptable=ENFORCEMENT
Title Description Comments:

Sweetwater Parcels AEL 2015

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan - Regulator Responded
Action Date: 3/27/2015
Received Issue Date: 3/27/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5835852
Title Description Comments:

Revised Work Plan for Supplemental Site Assessment

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded

Action Date: 3/10/2015
Received Issue Date: 3/10/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000006477&doc_id=5832860
Title Description Comments:

Response to Comments on Work Plan for Supplemental Site Assessment

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 12/17/2015
Type: CORRESPONDENCE ***Submitted:***
Submitted By: SARAH MEARON (REGULATOR)
Title: RESPONSE TO COMMENTS FOR 11/30/15 COMMENT LETTER - NINYO AND MOORE REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5869091

Document Type: Site Documents ***Document Date:*** 7/9/2015
Type: RISK ASSESSMENT REPORT ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REVISED TECHNICAL MEMORANDUM, HUMAN HEALTH SCREENING EVALUATION FOR CHANGE IN LAND USE FROM AGRICULTURAL TO COMMERCIAL/INDUSTRIAL, SWEETWATER PARCELS, CHULA VISTA BAYFRONT MASTER PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6492746710/T10000006477.PDF

Document Type: Site Documents ***Document Date:*** 6/22/2015
Type: ANNUAL ESTIMATION LETTER ***Submitted:***
Submitted By: SARAH MEARON (REGULATOR)
Title: SWEETWATER PARCELS AEL 2015
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6249612

Document Type: Site Documents ***Document Date:*** 2/18/2015
Type: WELL DESTRUCTION REPORT ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: WELL ABANDONMENT COMPLETION REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9615610480/T10000006477.PDF

Document Type: Site Documents ***Document Date:*** 5/31/2010
Type: CEQA REPORTS ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: FINDINGS OF FACT AND STATEMENT OF OVERRIDING CONSIDERATIONS, CHULA VISTA BAYFRONT MASTER PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4759528458/T10000006477.PDF

Document Type: Site Documents ***Document Date:*** 5/30/2010
Type: CEQA REPORTS ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: MITIGATION MONITORING AND REPORTING PROGRAM, CHULA VISTA BAYFRONT MASTER PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2585685491/T10000006477.PDF

Document Type: Site Documents ***Document Date:*** 4/30/2010
Type: CEQA REPORTS ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: FINAL ENVIRONMENTAL IMPACT REPORT FOR THE CHULA VISTA BAYFRONT MASTER PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3854587614/T10000006477.PDF

Document Type: Site Documents ***Document Date:*** 4/28/2016
Type: REVIEW AND RESPONSE ***Submitted:***
Submitted By: ROBERT KURKJIAN (AUTH_RP)
Title: RESPONSE TO COMMENTS AND REVISED SOIL AND GROUNDWATER MANAGEMENT PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5964842379/T10000006477.PDF

Document Type: Site Documents ***Document Date:*** 2/17/2016
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: SARAH MEARON (REGULATOR)
Title: SOIL AND GROUNDWATER MANAGEMENT PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5882360

Document Type: Site Documents **Document Date:** 2/19/2015
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: WORK PLAN FOR SUPPLEMENTAL SITE ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5832376

Document Type: Site Documents **Document Date:** 1/9/2015
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: WORK PLAN FOR SUPPLEMENTAL SITE ASSESSMENT, PACIFICA PARCEL, FOOT OF E STREET
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7417747259/T10000006477.PDF

Document Type: Site Documents **Document Date:** 4/30/2010
Type: CEQA REPORTS **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: FINAL ENVIRONMENTAL IMPACT REPORT FOR THE CHULA VISTA BAYFRONT MASTER PLAN VOL 4
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1236887335/T10000006477.PDF

Document Type: Site Documents **Document Date:** 4/30/2010
Type: CEQA REPORTS **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: FINAL ENVIRONMENTAL IMPACT REPORT FOR THE CHULA VISTA BAYFRONT MASTER PLAN VOL 5
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4460272252/T10000006477.PDF

Document Type: Site Documents **Document Date:** 1/4/2016
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: NO FURTHER ACTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6271391

Document Type: Site Documents **Document Date:** 12/3/2015
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: RESPONSE TO COMMENTS - TECH MEMO - TETRA TECH
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5870021

Document Type: Site Documents **Document Date:** 7/16/2015
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: ASBESTOS ABATEMENT WORK - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5850193

Document Type: Site Documents **Document Date:** 6/18/2015
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: ENVIRONMENTAL DOCUMENT REVIEW OF ASBESTOS ABATEMENT CLOSEOUT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4581259191/T10000006477.PDF

Document Type: Site Documents **Document Date:** 2/20/2015
Type: LETTER - NOTICE **Submitted:**
Submitted By: NASSER SIONIT (REGULATOR)
Title: RWQCB'S DISAPPROVAL OF SB-1248
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6236511

Document Type: Site Documents **Document Date:** 2/12/2015
Type: LETTER - NOTICE **Submitted:**
Submitted By: NASSER SIONIT (REGULATOR)
Title: SB-1248 AGENCY NOTIFICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6235904

Document Type: Site Documents **Document Date:** 2/11/2015
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: NASSER SIONIT (REGULATOR)
Title: VAP APPLICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6235906

Document Type: Site Documents **Document Date:** 4/23/2014
Type: PHASE I ASSESSMENT REPORT **Submitted:**

Submitted By: SREE GOPINATH (AUTH_RP)
Title: SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS, SWEETWATER PARCELS, CHULA VISTA BAYFRONT MASTER PLAN VOLUME 3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3652851164/T10000006477.PDF

Document Type: Site Documents **Document Date:** 4/30/2010
Type: CEQA REPORTS **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: FINAL ENVIRONMENTAL IMPACT REPORT FOR THE CHULA VISTA BAYFRONT MASTER PLAN VOL 6
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8432104527/T10000006477.PDF

Document Type: Site Documents **Document Date:** 4/30/2010
Type: CEQA REPORTS **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: FINAL ENVIRONMENTAL IMPACT REPORT FOR THE CHULA VISTA BAYFRONT MASTER PLAN VOL 7
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4583609879/T10000006477.PDF

Document Type: Site Documents **Document Date:** 1/13/2016
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: REVISED ANNUAL ESTIMATION LETTER FOR FY2015/16
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6272482

Document Type: Site Documents **Document Date:** 12/17/2015
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: RESPONSE TO COMMENTS, SUPPLEMENTAL SITE ASSESSMENT, PACIFICA PARCEL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1902380406/T10000006477.PDF

Document Type: Site Documents **Document Date:** 3/27/2015
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: REVISED WORK PLAN FOR SUPPLEMENTAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5835852

Document Type: Site Documents **Document Date:** 1/13/2013
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: CHULA VISTA BAYFRONT COST RECOVERY AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&enforcement_id=6319508

Document Type: Site Documents **Document Date:** 4/30/2010
Type: CEQA REPORTS **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: FINAL ENVIRONMENTAL IMPACT REPORT FOR THE CHULA VISTA BAYFRONT MASTER PLAN VOL 3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5888648331/T10000006477.PDF

Document Type: Site Documents **Document Date:** 11/4/2019
Type: CORRESPONDENCE **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: LETTER FROM PORT OF SAN DIEGO TO SAN DIEGO COUNTY DEH SOLID WASTE LEA
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=6008048

Document Type: Site Documents **Document Date:** 4/28/2016
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: REVISED SOIL AND GROUNDWATER MANAGEMENT PLAN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5882397

Document Type: Site Documents **Document Date:** 3/27/2015
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: REVISED WORK PLAN FOR SUPPLEMENTAL SITE ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5835852

Document Type: Site Documents **Document Date:** 3/10/2015
Type: CORRESPONDENCE **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)

Title: RESPONSE TO COMMENTS ON WORK PLAN FOR SUPPLEMENTAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5832860

Document Type: Site Documents **Document Date:** 2/12/2015
Type: SPECIAL STUDIES AND INVESTIGATIONS **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: PRE-DEMOLITION ASBESTOS SURVEY AND LEAD TESTING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1776954412/T10000006477.PDF

Document Type: Site Documents **Document Date:** 2/17/2016
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: SOIL AND GROUNDWATER MANAGEMENT PLAN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5882360

Document Type: Site Documents **Document Date:** 12/3/2015
Type: EMAIL CORRESPONDENCE **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: RESPONSE TO COMMENTS - TECH MEMO - TETRA TECH - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5870021

Document Type: Site Documents **Document Date:** 11/2/2015
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: REVISED REPORT OF RESULTS - SUPPLEMENTAL SITE ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5866645

Document Type: Site Documents **Document Date:** 7/10/2015
Type: REMEDIAL ACTION COMPLETE **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: ASBESTOS ABATEMENT CLOSEOUT REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6729041814/T10000006477.PDF

Document Type: Site Documents **Document Date:** 6/25/2015
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: SUPPLEMENTAL SITE ASSESSMENT, PACIFICA PARCEL, FOOT OF E STREET, CHULA VISTA, CALIFORNIA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6410349249/T10000006477.PDF

Document Type: Site Documents **Document Date:** 5/1/2015
Type: RISK ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: TECHNICAL MEMORANDUM - HUMAN HEALTH SCREENING EVALUATION, SWEETWATER PARCELS
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6217535436/T10000006477.PDF

Document Type: Site Documents **Document Date:** 3/10/2015
Type: CORRESPONDENCE **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: RESPONSE TO COMMENTS ON WORK PLAN FOR SUPPLEMENTAL SITE ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000006477&document_id=5832860

Document Type: Site Documents **Document Date:** 9/15/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: ASTM PHASE II ENVIRONMENTAL SITE ASSESSMENT, PACIFICA PARCEL, FOOT OF E STREET, CHULA VISTA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2132131993/T10000006477.PDF

Document Type: Site Documents **Document Date:** 4/23/2014
Type: PHASE I ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS, SWEETWATER PARCELS, CHULA VISTA BAYFRONT MASTER PLAN VOLUME 1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6607642889/T10000006477.PDF

Document Type: Site Documents **Document Date:** 4/23/2014
Type: PHASE I ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS, SWEETWATER PARCELS, CHULA VISTA BAYFRONT MASTER PLAN VOLUME 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7921882390/T10000006477.PDF

Document Type: Site Documents
Document Date: 4/30/2010
Type: CEQA REPORTS
Submitted:
Submitted By: SREE GOPINATH (AUTH_RP)
Title: FINAL ENVIRONMENTAL IMPACT REPORT FOR THE CHULA VISTA BAYFRONT MASTER PLAN VOL 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1198035538/T10000006477.PDF

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 5/2/2016

Status: Open - Eligible for Closure
Date: 3/2/2016

Status: Open - Case Begin Date
Date: 2/11/2015

Status: Open - Site Assessment
Date: 2/11/2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
83	2 of 2	NNW	0.35 / 1,824.73	22.37 / 4	Sweetwater Parcels 215 Bay BLVD Chula Vista CA	SAM SANDIEGO

Record ID: DEH2015-LSAM-000282
Record ID (DEH): DEH2015-LSAM-000282
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 6343
Object ID: 6542
SWRCB Global ID: T10000006477
Feature ID: 5650103000
Parcel No: 565-010-30-00
Case No:
H No:
KIVA per Tp per No:
Status: Completed
Record Status: Completed
Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 02/11/2015
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type:
City: Chula Vista
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD
Project Name: Sweetwater Parcels
Address: 215 Bay BLVD, Chula Vista CA 91910
Historical Name: Sweetwater Parcels
Record Name: Sweetwater Parcels
Street String: 215 Bay BLVD
DEH Permit Owner: Paul Brown
Fire Agency: CHULA VISTA
Water Purveyor: SOUTH BAY IRRIGATION LAND
GT Status: Completed - Case Closed
Case Type: VAP - Voluntary Assistance Program
Funding: V - Private - VAP
Geo SRC: Mapped to Geotracker Lat/Lon
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and

BOS District: 1
Lead Agency: DEH/SAM
Lead Agcy Date: 2/10/2015, 7:00 PM
Opened Date: 2/10/2015, 7:00 PM
ThomasBros Map Gd: 1309 H 7
Jurisdiction: CHULA VISTA
Census Tract: 125.02
Watershed Basin: 909.12
GT Global ID: T10000006477
GT RB Case No: 4090005
GT Status Date:
GT Case Type: Cleanup Program Site
GT Lead Agency: SAN DIEGO RWQCB (REGION 9)
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.63640176
GT Longitude: -117.10132864
Latitude GS84: 32.636358
Longitude GS84: -117.1045155
Point X: 6299579.47847314
Point Y: 1812401.00805664
X: 6298613.192
Y: 1812552.114
X1: -117.10131675913286
Y1: 32.63639700146477

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
		Mitigation Investigation Sites				

84	1 of 1	NNW	0.36 / 1,899.43	19.03 / 1	U S FISH AND WILDLIFE SERVICE NONE E ST(FOOT OF) CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T0608124509
County: SAN DIEGO
Status Date: 10/2/1991
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 32.6387129382742
Longitude: -117.101752167917

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H26542-001
Begin Date: 6/20/1986
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method:
Stop Description:
Case Worker:
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 1991-10-02 00:00:00
Potential Media of Concern:
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Disadvantaged Community
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1991-10-02 00:00:00

Status: Open - Case Begin Date
Status Date: 1986-06-20 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608124509
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/2/1991
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H26542-001
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608124509&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Completed - Case Closed
Date: 10/2/1991

Status: Open - Case Begin Date
Date: 6/20/1986

85	1 of 1	E	0.37 / 1,974.59	37.26 / 19	DOLLAR TREE #07831 510 BROADWAY STE 1 CHULA VISTA CA 91910	RCRA TSD

EPA Handler ID: CAL000444593
Gen Status Universe: No Report
Contact Name: STEPHANIE CAIATI
Contact Address: 500 VOLVO PKWY, CHESAPEAKE, VA, 23320-1604,
Contact Phone No and Ext: 757-321-5761
Contact Email: SCAIATI@DOLLARTREE.COM
Contact Country:
Land Type:
County Name: SAN DIEGO
EPA Region: 09
Receive Date: 20190321
Location Latitude: 32.630094
Location Longitude: -117.090486

Violation/Evaluation Summary

Note: NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No

Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190321
Handler Name:	DOLLAR TREE #07831
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	500 VOLVO PKWY
Name:	STEPHANIE CAIATI	**Street 2:**	
Date Became Current:		**City:**	CHESAPEAKE
Date Ended Current:		**State:**	VA
Phone:	757-321-5761	**Country:**	
Source Type:	Implementer	**Zip Code:**	23320-1604

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	500 VOLVO PKWY
Name:	DOLLAR TREE STORES, INC.	**Street 2:**	
Date Became Current:		**City:**	CHESAPEAKE
Date Ended Current:		**State:**	VA
Phone:	757-321-5000	**Country:**	
Source Type:	Implementer	**Zip Code:**	23320-1604

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
86	1 of 1	NNW	0.38 / 1,995.92	25.68 / 7	**CHULA VISTA GENERAL PLAN SITE 1-A** **789 E STREET** **CHULA VISTA CA 91910**	CLEANUP SITES

Global ID:	T10000011729	**Latitude:**	32.6404
County:	SAN DIEGO	**Longitude:**	-117.10181
Status Date:	6/14/2018		
Status:	OPEN - SITE ASSESSMENT		
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:	
Local Case No:	DEH2018-LSAM-000493
Begin Date:	6/14/2018
Lead Agency:	SAN DIEGO COUNTY LOP
Local Agency:	SAN DIEGO COUNTY LOP
CUF Case:	NO
CalEnvScreen Score:	
EPA Region:	9
Qty Rlsd Gallons:	
Potential COC:	
How Discovered:	
Stop Method:	
Stop Description:	
Case Worker:	EM
Military DoD Site:	No
Leak Reported Dt:	

No Further Action Dt:
Potential Media of Concern:
How Discovered Description:
Calwater Watershed Name:
DWR GW Subbasin Name:
Disadvantaged Community: Disadvantaged Community
Coordinate Source:
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%
File Location:
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Date: 2020-06-12 00:00:00
Action: Site Assessment Report
Action Type: RESPONSE

Date: 2018-08-27 00:00:00
Action: Phase I Assessment Report
Action Type: RESPONSE

Date: 2019-12-15 00:00:00
Action: Site Investigation Workplan - Regulator Responded
Action Type: RESPONSE

Date: 2018-09-06 00:00:00
Action: Remedial Progress Report
Action Type: RESPONSE

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Active
Status Date: 2018-06-14 00:00:00

Status: Open - Site Assessment
Status Date: 2018-06-14 00:00:00

Status: Open - Case Begin Date
Status Date: 2018-06-14 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: EWAN MOFFAT
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: ewan.moffat@sdcounty.ca.gov
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:

WDR File No:
WDR Order No:
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000011729
Cleanup Status Detail: OPEN - SITE ASSESSMENT AS OF 6/14/2018
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin:
CalWater Watershed Name:
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: DEH2018-LSAM-000493
CASEWORKER: EWAN MOFFAT
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000011729&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/15/2020
Received Issue Date: 7/15/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6441644&temptable=ENFORCEMENT
Title Description Comments:

ESA Response Letter

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: *6/12/2020
Received Issue Date: 5/29/2020
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011729&doc_id=6027214
Title Description Comments:

Phase II ESA for Soil Borings. - Elevated Metals Noted in Grab Groundwater Samples

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan - Regulator Responded
Action Date: *12/15/2019
Received Issue Date: 11/25/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011729&doc_id=6010730
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/15/2019
Received Issue Date: 12/15/2019
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6422776&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action: Remedial Progress Report
Action Date: *9/6/2018

Received Issue Date: 9/6/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011729&doc_id=5974318
Title Description Comments:

Proposed Remedial Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 9/18/2018
Received Issue Date: 9/18/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6370032&temptable=ENFORCEMENT
Title Description Comments:

Letter Concurring with 11/16 Phase II

Action Type: Response Requested - Reports
Action: Phase I Assessment Report
Action Date: *8/27/2018
Received Issue Date: 8/27/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000011729&doc_id=5974317
Title Description Comments:

Phase I Phase II

Action Type: Notices
Action: Letter - Notice
Action Date: 6/14/2018
Received Issue Date: 6/14/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6361115&temptable=ENFORCEMENT
Title Description Comments:

RWQCB Response to SB 1248 Notification

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 6/14/2018
Received Issue Date: 6/14/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6361105&temptable=ENFORCEMENT
Title Description Comments:

Voluntary Assistance Program Application

Action Type: Notices
Action: Letter - Notice
Action Date: 6/14/2018
Received Issue Date: 6/14/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6361106&temptable=ENFORCEMENT
Title Description Comments:

SB 1248 Notification

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 11/19/2019
Type: SITE INVESTIGATION WORKPLAN ***Submitted:***
Submitted By: DANIEL SINGH (RP)
Title: WORK PLAN FOR ADDITIONAL SITE CHARACTERIZATION
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2384695231/T10000011729.PDF

Document Type: Site Documents **Document Date:** 8/28/2018
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: 06232016 789 E ST BIOLOGICAL ASSESSMENT REPORT/PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1342218220/T10000011729.PDF

Document Type: Site Documents **Document Date:** 8/28/2018
Type: REMEDIAL INVESTIGATION WORKPLAN **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: 08251989 789 E ST PHASE II LETTER.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4176049292/T10000011729.PDF

Document Type: Site Documents **Document Date:** 8/28/2018
Type: PHASE I ASSESSMENT REPORT **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: 01231989 789 E ST PHASE 1 REPORT.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8039008021/T10000011729.PDF

Document Type: Site Documents **Document Date:** 6/14/2018
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: JAMES CLAY (REGULATOR)
Title: VOLUNTARY ASSISTANCE PROGRAM APPLICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6361105

Document Type: Site Documents **Document Date:** 6/14/2018
Type: LETTER - NOTICE **Submitted:**
Submitted By: JAMES CLAY (REGULATOR)
Title: SB 1248 NOTIFICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6361106

Document Type: Site Documents **Document Date:** 7/15/2020
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: ESA RESPONSE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6441644

Document Type: Site Documents **Document Date:** 5/21/2020
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: PHASE II ENVIRONMENTAL SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6113866984/T10000011729.PDF

Document Type: Site Documents **Document Date:** 8/28/2018
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: 06291989 789 E ST PHASE II INVESTIGATION.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3884857416/T10000011729.PDF

Document Type: Site Documents **Document Date:** 8/28/2018
Type: PROPOSED PLAN **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: 08092016 GEO TECHNICAL BORING LOCATIONS.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6640375494/T10000011729.PDF

Document Type: Site Documents **Document Date:** 9/18/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: LETTER CONCURRING WITH 11/16 PHASE II
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6370032

Document Type: Site Documents **Document Date:** 6/14/2018
Type: LETTER - NOTICE **Submitted:**
Submitted By: JAMES CLAY (REGULATOR)
Title: RWQCB RESPONSE TO SB 1248 NOTIFICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6361115

Document Type: Site Documents **Document Date:** 12/15/2019
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000011729&enforcement_id=6422776

Document Type: Site Documents **Document Date:** 8/28/2018
Type: SITE INVESTIGATION **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: 0830200589 E ST BIOLOGICAL RECON SURVEY.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5834271371/T10000011729.PDF

Document Type: Site Documents **Document Date:** 8/28/2018
Type: SITE INVESTIGATION **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: 11232016 789 E ST PHASE II UPDATE LETTER.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2462979257/T10000011729.PDF

Document Type: Site Documents **Document Date:** 8/28/2018
Type: PROPOSED PLAN **Submitted:**
Submitted By: DANIEL SINGH (RP)
Title: 08242016 789 E ST HABITAT RESTORATION PLAN.PDF
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3024627923/T10000011729.PDF

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Active
Date: 6/14/2018

Status: Open - Site Assessment
Date: 6/14/2018

Status: Open - Case Begin Date
Date: 6/14/2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
87	1 of 4	WNW	0.38 / 2,011.60	8.07 / -10	FORMER SHANGRILA SITE 980 LAGOON DR Chula Vista CA	SAM SANDIEGO

Record ID: DEH1998-LSAM-H37165-001
Record ID (DEH): DEH1998-LSAM-H37165-001
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 4617
Object ID: 4613
SWRCB Global ID: T0608177370
Feature ID: 5670101900
Parcel No: 567-010-19-00
Case No: H37165-001
H No: H37165
KIVA per Tp per No: 6SAM H37165
Status: Completed
Record Status: Completed
Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 10/26/1998
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type: ALIAS
City: CHULA VISTA
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD
Project Name: FORMER SHANGRILA SITE
Address: 980 LAGOON DR, CHULA VISTA CA 91910

BOS District: 1
Lead Agency: DEH/SAM
Lead Agcy Date: 10/25/1998, 7:00 PM
Opened Date: 10/25/1998, 7:00 PM
ThomasBros Map Gd: 1309 H 7
Jurisdiction: CHULA VISTA
Census Tract: 126.00
Watershed Basin: 909.12
GT Global ID: T0608177370
GT RB Case No:
GT Status Date:
GT Case Type: Cleanup Program Site
GT Lead Agency: SAN DIEGO COUNTY LOP
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.63368312
GT Longitude: -117.1060045
Latitude GS84: 32.6334497
Longitude GS84: -117.1058826
Point X: 6298125.39443906
Point Y: 1811367.73026755
X: 6298155.007
Y: 1811365.781
X1: -117.10601217739175
Y1: 32.633524515576035

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Historical Name: SHANGRI-LA
Record Name: FORMER SHANGRILA SITE
Street String: 980 LAGOON DR
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: VAP - Voluntary Assistance Program
Funding: V - Private - VAP
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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87	2 of 4	WNW	0.38 / 2,011.60	8.07 / -10	FORMER SHANGRILA SITE 980 LAGOON DR CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T0608177370
County: SAN DIEGO
Status Date: 9/1/2000
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download
Latitude: 32.6336831159184
Longitude: -117.106004495338

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H37165-001
Begin Date: 10/8/1998
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method:
Stop Description:
Case Worker:
Military DoD Site: No
Leak Reported Dt: 1998-10-26 00:00:00
No Further Action Dt: 2000-09-01 00:00:00
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 80-85%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 1998-10-08 00:00:00

Status: Completed - Case Closed

Status Date: 2000-09-01 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608177370
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/1/2000
Potential COC: ,
Potential Media of Concern: SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H37165-001
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608177370&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter - #H37165-001
Action Date: 8/22/2000
Received Issue Date: 8/22/2000
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608177370&enforcement_id=6104751&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Letter and Summary

Action Type: Leak Action
Action: Leak Reported
Action Date: 10/26/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 10/8/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 10/8/1998

Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type:	Site Documents	***Document Date:***	8/22/2000
Type:	CLOSURE/NO FURTHER ACTION LETTER	***Submitted:***	
Submitted By:	KATHY L. DENK (REGULATOR)		
Title:	CASE CLOSURE LETTER AND SUMMARY		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608177370&enforcement_id=6104751		

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status:	Open - Case Begin Date
Date:	10/8/1998
Status:	Completed - Case Closed
Date:	9/1/2000

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87 ***3 of 4*** ***WNW*** ***0.38 / 2,011.60*** ***8.07 / -10***

SAN DIEGO SHIP BUILDING
980 F STREET
CHULA VISTA CA 92010

SEMS ARCHIVE

Site ID:	0905282	***FIPS Code:***	06073
EPA ID:	CAD107568321	***Cong District:***	44
Superfund Alt Agmt:	No	***Region:***	09
Federal Facility:	No	***County:***	SAN DIEGO
FF Docket:	No		
NPL:	Not on the NPL		
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	***Start Actual:***	08/23/1995
Action Code:	DS	***Finish Actual:***	08/23/1995
Action Name:	DISCVRY	***Qual:***	
SEQ:	1	***Curr Action Lead:***	St Perf
Operable Units:	00	***Start Actual:***	
Action Code:	VS	***Finish Actual:***	09/18/1996
Action Name:	ARCH SITE	***Qual:***	
SEQ:	1	***Curr Action Lead:***	EPA Perf In-Hse
Operable Units:	00	***Start Actual:***	
Action Code:	PA	***Finish Actual:***	09/18/1996
Action Name:	PA	***Qual:***	N
SEQ:	1	***Curr Action Lead:***	St Perf

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87 ***4 of 4*** ***WNW*** ***0.38 / 2,011.60*** ***8.07 / -10***

SEDIMENT OFF FORMER SHANGRILA SITE
980 LAGOON DRIVE
CHULA VISTA CA 91910

CLEANUP SITES

Global ID:	T10000008878	***Latitude:***	32.63311
County:	SAN DIEGO	***Longitude:***	-117.10669
Status Date:	5/5/2016		
Status:	OPEN - INACTIVE		
Site Facility Type:	CLEANUP PROGRAM SITE		
Data Source:	Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download		

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 3100109
Local Case No:
Begin Date: 5/5/2016
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Polychlorinated biphenyls (PCBs), Copper, Lead, Other Metal, Zinc, Other Petroleum
How Discovered:
Stop Method:
Stop Description:
Case Worker: UNA
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt:
Potential Media of Concern: Sediments, Surface water, Under Investigation
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
File Location: All Files are on GeoTracker or in the Local Agency Database
Site History:

Possible sediment impacts from sandblasting operations.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 2016-05-05 00:00:00

Status: Open - Inactive
Status Date: 2016-05-05 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Unassigned
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email:
Phone No: 6195161990

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:

Designated Beneficial Use:	MUN, AGR, IND
Designated Beneficl Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:	
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000008878
Cleanup Status Detail:	OPEN - INACTIVE AS OF 5/5/2016
Potential COC:	COPPER, LEAD, OTHER METAL, OTHER PETROLEUM, POLYCHLORINATED BIPHENYLS (PCBS), ZINC
Potential Media of Concern:	SEDIMENTS, SURFACE WATER, UNDER INVESTIGATION
Groundwater Monitoring Freq:	
DWR GW Sub Basin:	
CalWater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 3100109 CASEWORKER: Unassigned
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000008878&tabname=regulatoryhistory
Site History:	

Possible sediment impacts from sandblasting operations.

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status:	Open - Case Begin Date
Date:	5/5/2016
Status:	Open - Inactive
Date:	5/5/2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
88	1 of 2	WNW	0.38 / 2,012.57	8.07 / -10	SAN DIEGO SHIP BUILDING 980 F STREET CHULA VISTA CA 92010	CERCLIS

Site ID:	0905282	**RNPL Status Code:**	N
Site EPA ID:	CAD107568321	**NPL Status:**	Not on the NPL
Site Street Address 2:		**RFED Facility Code:**	N
Site County Name:	SAN DIEGO	**RFED Facility Desc:**	Not a Federal Facility
Site FIPS Code:	06073	**USGS Hydro Unit No.:**	18070304
Region Code:	09	**Site Cong. Dist. Code:**	44
Site SMSA No.:	7320	**ROT Desc:**	Unknown
Site Prim. Latitude:	32D38M15S	**FR NPL Update No.:**	
Site Prim. Longitude:	117D06M22S	**RFRA Code:**	
Lat Long Source:			
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	
Act Code ID:		**Act Start Date:**	
RAT Code:		**Act Complete Date:**	
RAT Short Name:		**AGT Order No.:**	0
RAT Name:		**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:		**SH Seq:**	
RAT Level:		**SH Start Date:**	
RAT DEF OU:		**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:			
RAT Def:			
Site Desc:	No description available .		
Site Alias:	No alias data available		

CERCLIS Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

OU ID:	00	**RALT Short Name:**	EPA In-House
Act Code ID:	001	**Act Start Date:**	
RAT Code:	VS	**Act Complete Date:**	9/18/1996 00:00:00
RAT Short Name:	ARCH SITE	**AGT Order No.:**	1500
RAT Name:	ARCHIVE SITE	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		
RAT Def:	The decision is made that no further activity is planned at the site.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	State (Fund)
Act Code ID:	001	**Act Start Date:**	
RAT Code:	DS	**Act Complete Date:**	8/23/1995 00:00:00
RAT Short Name:	DISCVRY	**AGT Order No.:**	10
RAT Name:	DISCOVERY	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
Site Desc:			
Site Alias:			

CERCLIS Assess History

OU ID:	00	**RALT Short Name:**	State (Fund)
Act Code ID:	001	**Act Start Date:**	
RAT Code:	PA	**Act Complete Date:**	9/18/1996 00:00:00
RAT Short Name:	PA	**AGT Order No.:**	130
RAT Name:	PRELIMINARY ASSESSMENT	**SH OU:**	
RAT Hist. Only Flag:		**SH Code:**	
RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:	P	**SH Lead:**	
SPA Code:	13		
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
Site Desc:			
Site Alias:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
88	2 of 2	WNW	0.38 / 2,012.57	8.07 / -10	SAN DIEGO SHIP BUILDING 980 F STREET CHULA VISTA CA 92010	CERCLIS NFRAP

Site ID:	905282	**Site FIPS Code:**	6073
Site EPA ID:	CAD107568321	**Region Code:**	9
Site Parent ID:		**Site Cong. Dist. Code:**	44
Site County Name:	SAN DIEGO	**Federal Facility:**	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	8/23/1995

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RAT Code:	DS	**AGT Order No.:**	10
RAT Short Name:	DISCVRY	**SH OU:**	
RAT Name:	DISCOVERY	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	State (Fund)	**RNPL Status Code:**	N
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	9/18/1996
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	
RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	9/18/1996
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	State (Fund)	**RNPL Status Code:**	N
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
89	1 of 1	SSW	0.38 / 2,015.63	10.88 / -8	CA	PFAS GW

Well ID:	SL209294204-PMW117(LB)	**SRS Latitude:**	32.623638999999997
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.0999137
Gm Data Source:	GeoTracker	**Latitude:**	32.623638999999997
Gm Well Category:	MONITORING	**Longitude:**	-117.0999137
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW117(LB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA

Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/04/2022		

Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

SRC Chemical: PFHPSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI

SRC Chemical: PFHXSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	1.6	***SRC Result:***	1.6
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	.9	**SRC Result:**	.9
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	J,DX,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	NETFOSAA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		

SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 3.6
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: PFPA
SRC Result: 3.6
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU
SRC Chemical: PFBSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: HFPA-DA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
SRC Chemical: PFODA
SRC Result: .95

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	LR,RB,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		

Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: 8:2FTS
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1.1
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: J,DX,BU
SRC Chemical: PFHPA
SRC Result: 1.1
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: PFBSA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	1.4	***SRC Result:***	1.4
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.95	***SRC Result:***	.95
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		

SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: 4:2FTS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU
SRC Chemical: ETFOSA
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: PFTEDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
SRC Chemical: 9ClPF3ONS
SRC Result: .47

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		

Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: PFPES
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU
SRC Chemical: 9ClPF3ONS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTRIDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotridecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: PFTRIDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFNA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	5.4	***SRC Result:***	5.4
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	.74	***SRC Result:***	.74
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	J,DX,LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		

SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI

Well Details

Gm Cas No:
Gm Result: 3.1
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: J,DX,CI
SRC Chemical: PFBTA
SRC Result: 3.1
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.5
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU
SRC Chemical: PFHA
SRC Result: 2.5
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
SRC Chemical: PFOSA
SRC Result: .47

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.7
Gm Reporting Limit:	4.7	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		

Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .95
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: MEFOSE
SRC Result: .95
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU
SRC Chemical: PFTEDA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI
SRC Chemical: PFUNDCA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	LR,CI		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.95	**SRC Result:**	.95
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		

SRC Screen Bottom Depth Ft: 125
SRC Lab Note: CI

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	5.4	***SRC Result:***	5.4
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 115
Gm Screen Bottom Depth Ft: 125
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1145
SRC Screen Top Depth Ft: 115
SRC Screen Bottom Depth Ft: 125
SRC Lab Note: BU

Well Details

Gm Cas No:		***SRC Chemical:***	PFODA
Gm Result:	.95	***SRC Result:***	.95

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	115		
Gm Screen Bottom Depth Ft:	125		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1145		
SRC Screen Top Depth Ft:	115		
SRC Screen Bottom Depth Ft:	125		
SRC Lab Note:	CI		

90	*1 of 1*	*SSW*	*0.38 / 2,021.83*	*12.27 / -6*	*CA*	*PFAS GW*

Well ID:	SL209294204-PMW117(UB)	**SRS Latitude:**	32.623617500000002
Gm Dataset Name:	WB_CLEANUP	**SRS Longitude:**	-117.0999037
Gm Data Source:	GeoTracker	**Latitude:**	32.623617500000002
Gm Well Category:	MONITORING	**Longitude:**	-117.0999037
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW117(UB)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPES
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPES	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	1	***SRC Result:***	1
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	3.1
Gm Reporting Limit:	3.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	3.1
Gm Reporting Limit:	3.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.63	***SRC Result:***	.63
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	2.1

Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		

SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .74
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: J,DX,BU
SRC Chemical: PFBSA
SRC Result: .74
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU
SRC Chemical: 9ClPF3ONS
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:
SRC Chemical: MEFOSA
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
SRC Chemical: MEFOSA

Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.97	**SRC Result:**	.97
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		

Gm Screen Top Depth Ft:	35
Gm Screen Bottom Depth Ft:	45
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1130
SRC Screen Top Depth Ft:	35
SRC Screen Bottom Depth Ft:	45
SRC Lab Note:	LR,RB

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluoropentanesulfonoicacid
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	35
Gm Screen Bottom Depth Ft:	45
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1130
SRC Screen Top Depth Ft:	35
SRC Screen Bottom Depth Ft:	45
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	Perfluorononanesulfonic acid
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	35
Gm Screen Bottom Depth Ft:	45
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1130
SRC Screen Top Depth Ft:	35
SRC Screen Bottom Depth Ft:	45
SRC Lab Note:	

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	.58	**SRC Result:**	.58
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	

Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	35
Gm Screen Bottom Depth Ft:	45
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1130
SRC Screen Top Depth Ft:	35
SRC Screen Bottom Depth Ft:	45
SRC Lab Note:	

Well Details

Gm Cas No:		***SRC Chemical:***	PFOA
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFOS
Gm Result:	5.3	***SRC Result:***	5.3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

Well Details

Gm Cas No: ***SRC Chemical:*** 4:2FTS
Gm Result: .48 ***SRC Result:*** .48
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: 4:2FTS ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

Well Details

Gm Cas No: ***SRC Chemical:*** PFUNDCA
Gm Result: .48 ***SRC Result:*** .48
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFUNDCA ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

Well Details

Gm Cas No: ***SRC Chemical:*** PFNA
Gm Result: .48 ***SRC Result:*** .48
Gm Result Modifier: < ***SRC Result Modifie:*** <
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFNA ***SRC Report Limit:*** 1.9
Gm Reporting Limit: 1.9 ***SRC Analytic Meth:*** QSMPFAS
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35

SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSE
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:
SRC Chemical: MEFOSE
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 5.2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU
SRC Chemical: PFBTA
SRC Result: 2.1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 5.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: LR
SRC Chemical: 10:2FTS
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .52
SRC Chemical: PFDSA
SRC Result: .52

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		

Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
SRC Chemical: ETFOSE
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.6
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
SRC Chemical: PFHXSA
SRC Result: 1.6
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: J,DX,BU

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
SRC Chemical: ADONA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	1	***SRC Result:***	1
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	5.2
Gm Reporting Limit:	5.2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	.59	***SRC Result:***	.59
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFUNDCA	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	1.2	**SRC Result:**	1.2
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		

SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU
SRC Chemical: PFDOA
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU
SRC Chemical: PFHA
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSE
Gm Reporting Limit: 3.1
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU
SRC Chemical: ETFOSE
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 8.8
SRC Chemical: PFOS
SRC Result: 8.8

Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU,MB		

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		

Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: LR

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

SRC Chemical: PFBSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

SRC Chemical: ETFOSA
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU

SRC Chemical: 4:2FTS
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	9ClPF3ONS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.97	***SRC Result:***	.97
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	11ClPF3OUDS
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.52	**SRC Result:**	.52
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	2.1
Gm Reporting Limit:	2.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	1.9	**SRC Result:**	1.9
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	1	**SRC Result:**	1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	3.1
Gm Reporting Limit:	3.1	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		

SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:
SRC Chemical: PFOSA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: HFPA-DA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:
SRC Chemical: HFPA-DA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .97
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:
SRC Chemical: 8:2FTS
SRC Result: .97
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
SRC Chemical: 11ClPF3OUDS
SRC Result: .48

Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	2.1	**SRC Result:**	2.1
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	5.2
Gm Reporting Limit:	5.2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		

Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 5.2
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU

SRC Chemical: ETFOSA
SRC Result: 1
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 5.2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note:

SRC Chemical: PFTEDA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .52
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 2.1
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 35
Gm Screen Bottom Depth Ft: 45
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1130
SRC Screen Top Depth Ft: 35
SRC Screen Bottom Depth Ft: 45
SRC Lab Note: BU

SRC Chemical: PFNDCA
SRC Result: .52
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.1
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Well Details

Gm Cas No:		***SRC Chemical:***	PFNA
Gm Result:	.52	***SRC Result:***	.52
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNA	***SRC Report Limit:***	2.1
Gm Reporting Limit:	2.1	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	35		
Gm Screen Bottom Depth Ft:	45		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1130		
SRC Screen Top Depth Ft:	35		
SRC Screen Bottom Depth Ft:	45		
SRC Lab Note:	BU		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
91	1 of 1	SSW	0.38 / 2,030.09	11.00 / -7	CA	PFAS GW

Well ID:	SL209294204-PMW117(A)	***SRS Latitude:***	32.623590100000001
Gm Dataset Name:	WB_CLEANUP	***SRS Longitude:***	-117.09989400000001
Gm Data Source:	GeoTracker	***Latitude:***	32.623590100000001
Gm Well Category:	MONITORING	***Longitude:***	-117.09989400000001
SRS Datum:	NAD83		
Gm Altwell Id1:	PMW117(A)		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	3	***SRC Result:***	3
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		

SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

SRC Chemical: MEFOSA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

SRC Chemical: 8:2FTS
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

SRC Chemical: 11ClPF3OUDS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSA
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	6:2FTS
Gm Result:	2	**SRC Result:**	2
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	6:2FTS	**SRC Report Limit:**	4.9
Gm Reporting Limit:	4.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	6:2 Fluorotelomer sulfonic acid		

Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:
SRC Chemical: 11ClPF3OUDS
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU
SRC Chemical: 4:2FTS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 4.4
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU
SRC Chemical: PFBSA
SRC Result: 4.4
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFNDCA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNDCA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	9ClPF3ONS
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	8.1	**SRC Result:**	8.1
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOA
Gm Result:	7.2	**SRC Result:**	7.2
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		

SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .99
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.9
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

SRC Chemical: ETFOSA
SRC Result: .99
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .8
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: J,DX,BU,MB

SRC Chemical: PFOS
SRC Result: .8
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

SRC Chemical: PFUNDCA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFBSA
Gm Result:	3.6	**SRC Result:**	3.6
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		

Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 8.5
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

SRC Chemical: PFOA
SRC Result: 8.5
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

SRC Chemical: ADONA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

SRC Chemical: PFNA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFOSA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFOSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.99	***SRC Result:***	.99
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPA
Gm Result:	2.5	***SRC Result:***	2.5
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPA	***SRC Report Limit:***	2
Gm Reporting Limit:	2	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.57	***SRC Result:***	.57
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.99	**SRC Result:**	.99
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		

SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

SRC Chemical: PFHXDA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 6.1
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFBTA
Gm Reporting Limit: 4.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

SRC Chemical: PFBTA
SRC Result: 6.1
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 4.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFPES
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanesulfonoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: J,DX,BU

SRC Chemical: PFPES
SRC Result: .49
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	.57	**SRC Result:**	.57
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	J,DX,TG		

Well Details

Gm Cas No:		**SRC Chemical:**	PFBTA
Gm Result:	7.7	**SRC Result:**	7.7
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBTA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	2.6	**SRC Result:**	2.6
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		

Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU
SRC Chemical: 6:2FTS
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:
SRC Chemical: PFNA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 7.1
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:
SRC Chemical: PFHA
SRC Result: 7.1
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	10:2FTS
Gm Result:	.99	***SRC Result:***	.99
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	10:2FTS	***SRC Report Limit:***	4.9
Gm Reporting Limit:	4.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.59	***SRC Result:***	.59
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	4:2FTS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	4:2FTS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	2.3	**SRC Result:**	2.3
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		

SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: LR

Well Details

Gm Cas No:
Gm Result: .49
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFTEDA
Gm Reporting Limit: 2
Gm Well Depth Ft:
Gm Chemical Name: Perfluorotetradecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note:

SRC Chemical: PFTEDA
SRC Result: .49
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

SRC Chemical: PFDOA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .99
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 3
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 4
Gm Screen Bottom Depth Ft: 19
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: LR,RB

SRC Chemical: PFODA
SRC Result: .99
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 3
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPSA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPSA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.5	**SRC Result:**	.5
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNS
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanesulfonic acid		

Gm Samp Collection Date:	01/04/2022
Gm Screen Top Depth Ft:	4
Gm Screen Bottom Depth Ft:	19
SRC Samp Collection Date:	01/04/2022
SRC Samp Collection Time:	1120
SRC Screen Top Depth Ft:	4
SRC Screen Bottom Depth Ft:	19
SRC Lab Note:	BU

Well Details

Gm Cas No:		**SRC Chemical:**	ADONA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ADONA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	9ClPF3ONS
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	9ClPF3ONS	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHXSA
Gm Result:	2.9	**SRC Result:**	2.9
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFPA
Gm Result:	3.2	***SRC Result:***	3.2
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFPA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	8:2FTS
Gm Result:	.99	***SRC Result:***	.99
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	8:2FTS	***SRC Report Limit:***	3
Gm Reporting Limit:	3	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFUNDCA
Gm Result:	.49	***SRC Result:***	.49
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L

Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.49	**SRC Result:**	.49
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	3
Gm Reporting Limit:	3	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	MEFOSE
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	MEFOSE	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1120		
SRC Screen Top Depth Ft:	4		
SRC Screen Bottom Depth Ft:	19		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSA	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	4		
Gm Screen Bottom Depth Ft:	19		
SRC Samp Collection Date:	01/04/2022		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SRC Samp Collection Time: 1120
SRC Screen Top Depth Ft: 4
SRC Screen Bottom Depth Ft: 19
SRC Lab Note: BU

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92 | **1 of 3** | **N** | **0.39 / 2,052.86** | **34.38 / 16** | **HIRAM'S MOBIL (#10754)**
765 E ST
Chula Vista CA

SAM
SANDIEGO

Record ID:	DEH1987-LSAM-H05429-001	**BOS District:**	1
Record ID (DEH):	DEH1987-LSAM-H05429-001	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	10/5/1987, 8:00 PM
ID:	688	**Opened Date:**	10/5/1987, 8:00 PM
Object ID:	687	**ThomasBros Map Gd:**	1309 J 6
SWRCB Global ID:	T0607303064	**Jurisdiction:**	CHULA VISTA
Feature ID:	5653101600	**Census Tract:**	125.02
Parcel No:	565-310-16-00	**Watershed Basin:**	909.12
Case No:	H05429-001	**GT Global ID:**	T0607303064
H No:	H05429	**GT RB Case No:**	9UT813
KIVA per Tp per No:	6SAM H05429	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	10/06/1987	**GT Latitude:**	32.640169
Per Type:	LWQD	**GT Longitude:**	-117.099041
Primary Parcel:	YES	**Latitude GS84:**	32.6401696
Primary Address:	YES	**Longitude GS84:**	-117.0990408
Address Type:	MASTER	**Point X:**	6300286.10009138
City:	CHULA VISTA	**Point Y:**	1813754.19006155
Community:	Chula Vista	**X:**	6300286.66
Zip Code:	91910	**Y:**	1813782.352
Zip Community:	91910	**X1:**	-117.09905739066404
Agency Name:	COSD	**Y1:**	32.64013180027761

Project Name: HIRAM'S MOBIL (#10754)
Address: 765 E ST, CHULA VISTA CA 91910
Historical Name: MOBIL #18-GKR
Record Name: HIRAM'S MOBIL (#10754)
Street String: 765 E ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: LOP - Local Oversight Program
Funding: S - LOP State Fund
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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92 | **2 of 3** | **N** | **0.39 / 2,052.86** | **34.38 / 16** | **HIRAM'S MOBIL (#10754)**
765 E ST
CHULA VISTA CA 919102003

LUST

Global ID:	T0607303064	**Census Tract:**	6073012502
Status Date:	2/8/1991	**Match Key:**	T0607303064
Case Type:	LUST CLEANUP SITE	**County:**	SAN DIEGO
Oil Field:		**Latitude:**	32.640169
Oil Field Operator:		**Longitude:**	-117.099041
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO COUNTY LOP

Case Worker:
Local Agency:
RB Case No: 9UT813
Local Case No: H05429-001
File Location: Local Agency
Potential COC: Gasoline
Potential Media of Concern: Soil
Begin Date: 10/6/1987
How Discovered:
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause:
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1987-10-06 00:00:00
Military DoD Site: No
No Further Action Dt: 1991-02-08 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 2/8/1991

Status: Open - Case Begin Date
Status Date: 10/6/1987

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: HIRAM'S MOBIL (#10754)
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 765 E ST
City: CHULA VISTA
Zip: 919102003
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607303064
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/8/1991
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607303064&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: SOIL
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H05429-001
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT813
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:

WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Case Begin Date
Date : 10/6/1987

Status: Completed - Case Closed
Date : 2/8/1991

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Leak Action
Action: Leak Began
Action Date: 10/6/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 10/6/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 10/6/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 10/6/1987
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 6/27/2002 ***Submitted By:*** GARY MCCUE (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7716733634/T0607303064.pdf

92	3 of 3	N	0.39 / 2,052.86	34.38 / 16	***HIRAM'S MOBIL (#10754)*** ***765 E ST, CHULA VISTA, CA 91910*** ***CHULA VISTA CA***	***LOP SANDIEGO***

SWRCB Global ID: T0607303064 ***Parcel No:*** 565-310-16-00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record ID:	DEH1987-LSAM-H05429-001	**Census Tract:**	125.02
Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	10/6/1987	**Community:**	Chula Vista
Case Type:	LOP - Local Oversight Program	**Jurisdiction:**	CHULA VISTA
Historical Name:	MOBIL #18-GKR	**Watershed Basin No:**	909.12
Lead Agency:	DEH/SAM	**Latitude GS 84:**	32.6401696
Lead Agency Date:	10/6/1987	**Longitude GS 84:**	-117.0990408
Funding:	S - LOP State Fund	**X Map Coord:**	6300286.660
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1813782.352
Water Purveyor:	CHULA VISTA		
File Case Type:	CLOSED OR TRANSFERRED LOP CASES		

93	1 of 7	WNW	0.39 / 2,056.32	7.90 / -11	**FLUID SYSTEMS** **965 F ST** **Chula Vista CA**	**SAM** **SANDIEGO**

Record ID:	DEH1991-LSAM-H32432-001	**BOS District:**	1
Record ID (DEH):	DEH1991-LSAM-H32432-001	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	2/18/1993, 7:00 PM
ID:	2536	**Opened Date:**	12/26/1991, 7:00 PM
Object ID:	2534	**ThomasBros Map Gd:**	1309 H 7
SWRCB Global ID:		**Jurisdiction:**	CHULA VISTA
Feature ID:	5670101900	**Census Tract:**	126.00
Parcel No:	567-010-19-00	**Watershed Basin:**	909.12
Case No:		**GT Global ID:**	
H No:	H32432	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H32432	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	
Record Status:	Completed	**GT Lead Agency:**	
Record Type:	SAM Investigation	**GT CUF Case:**	
Record Alias:	SAM Investigation	**GT County:**	
Date:	12/27/1991	**GT Latitude:**	
Per Type:	LWQD	**GT Longitude:**	
Primary Parcel:	YES	**Latitude GS84:**	32.6334497
Primary Address:	YES	**Longitude GS84:**	-117.1058826
Address Type:	ALIAS	**Point X:**	6298147.77989297
City:	CHULA VISTA	**Point Y:**	1811364.33985439
Community:	Chula Vista	**X:**	6298155.007
Zip Code:	91910	**Y:**	1811365.781
Zip Community:	91910	**X1:**	-117.10593937974372
Agency Name:	COSD	**Y1:**	32.6335157027588

Project Name:	FLUID SYSTEMS
Address:	965 F ST, CHULA VISTA CA 91910
Historical Name:	FLUID SYSTEMS
Record Name:	FLUID SYSTEMS
Street String:	965 F ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	
Case Type:	LOP - Local Oversight Program
Funding:	F - LOP Federal Fund
Geo SRC:	Mapped to XY from previous SAM layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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93	2 of 7	WNW	0.39 / 2,056.32	7.90 / -11	**FLUID SYSTEMS** **965 F ST** **Chula Vista CA**	**SAM** **SANDIEGO**

Record ID:	DEH1991-LSAM-H32432-002	**BOS District:**	1
Record ID (DEH):	DEH1991-LSAM-H32432-002	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	2/18/1993, 7:00 PM
ID:	2537	**Opened Date:**	12/26/1991, 7:00 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Object ID:	2535	**ThomasBros Map Gd:**	1309 H 7
SWRCB Global ID:		**Jurisdiction:**	CHULA VISTA
Feature ID:	5670101900	**Census Tract:**	126.00
Parcel No:	567-010-19-00	**Watershed Basin:**	909.12
Case No:		**GT Global ID:**	
H No:	H32432	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H32432	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	
Record Status:	Completed	**GT Lead Agency:**	
Record Type:	SAM Investigation	**GT CUF Case:**	
Record Alias:	SAM Investigation	**GT County:**	
Date:	12/27/1991	**GT Latitude:**	
Per Type:	LWQD	**GT Longitude:**	
Primary Parcel:	YES	**Latitude GS84:**	32.6334497
Primary Address:	YES	**Longitude GS84:**	-117.1058826
Address Type:	ALIAS	**Point X:**	6298147.77989297
City:	CHULA VISTA	**Point Y:**	1811364.33985439
Community:	Chula Vista	**X:**	6298155.007
Zip Code:	91910	**Y:**	1811365.781
Zip Community:	91910	**X1:**	-117.10593937974372
Agency Name:	COSD	**Y1:**	32.6335157027588
Project Name:	FLUID SYSTEMS		
Address:	965 F ST, CHULA VISTA CA 91910		
Historical Name:	FLUID SYSTEMS		
Record Name:	FLUID SYSTEMS		
Street String:	965 F ST		
DEH Permit Owner:			
Fire Agency:	CHULA VISTA		
Water Purveyor:	CHULA VISTA		
GT Status:			
Case Type:	VAP - Voluntary Assistance Program		
Funding:	V - Private - VAP		
Geo SRC:	Mapped to XY from previous SAM layer		
Short Notes:			
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
93	3 of 7	WNW	0.39 / 2,056.32	7.90 / -11	FLUID SYSTEMS 965 F ST Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1991-LSAM-H32432-003	**BOS District:**	1
Record ID (DEH):	DEH1991-LSAM-H32432-003	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	2/18/1993, 7:00 PM
ID:	2538	**Opened Date:**	12/26/1991, 7:00 PM
Object ID:	2536	**ThomasBros Map Gd:**	1309 H 7
SWRCB Global ID:	T0607300888	**Jurisdiction:**	CHULA VISTA
Feature ID:	5670101900	**Census Tract:**	126.00
Parcel No:	567-010-19-00	**Watershed Basin:**	909.12
Case No:		**GT Global ID:**	T0607300888
H No:	H32432	**GT RB Case No:**	9UT2120
KIVA per Tp per No:	6SAM H32432	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	**GT CUF Case:**	YES
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	12/27/1991	**GT Latitude:**	32.634174
Per Type:	LWQD	**GT Longitude:**	-117.106321
Primary Parcel:	YES	**Latitude GS84:**	32.6334497
Primary Address:	YES	**Longitude GS84:**	-117.1058826
Address Type:	ALIAS	**Point X:**	6298147.77989297
City:	CHULA VISTA	**Point Y:**	1811364.33985439
Community:	Chula Vista	**X:**	6298155.007
Zip Code:	91910	**Y:**	1811365.781
Zip Community:	91910	**X1:**	-117.10593937974372
Agency Name:	COSD	**Y1:**	32.6335157027588
Project Name:	FLUID SYSTEMS		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address:	965 F ST, CHULA VISTA CA 91910
Historical Name:	FLUID SYSTEMS
Record Name:	FLUID SYSTEMS
Street String:	965 F ST
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Completed - Case Closed
Case Type:	
Funding:	N - Non-Billable
Geo SRC:	Mapped to XY from previous SAM layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

93	4 of 7	WNW	0.39 / 2,056.32	7.90 / -11	**FLUID SYSTEMS** **965 F ST** **CHULA VISTA CA 92010**	LUST

Global ID:	T0607300888	**Census Tract:**	6073012502
Status Date:	10/6/1995	**Match Key:**	T0607300888
Case Type:	LUST CLEANUP SITE	**County:**	SAN DIEGO
Oil Field:		**Latitude:**	32.634174
Oil Field Operator:		**Longitude:**	-117.106321
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	YES
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Case Worker:	
Local Agency:	
RB Case No:	9UT2120
Local Case No:	H32432-002
File Location:	
Potential COC:	Gasoline
Potential Media of Concern:	Aquifer used for drinking water supply
Begin Date:	12/27/1991
How Discovered:	Tank Closure
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Geocode
Discharge Cause:	Corrosion
Discharge Source:	Piping
EPA Region:	9
Leak Reported Dt:	1991-12-27 00:00:00
Military DoD Site:	No
No Further Action Dt:	1995-10-06 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	86-90%
Calenviroscreen 4 Score:	85-90%
Site History:	

UOP Fluid Systems site is located at 965 F Street, Chula Vista, CA 91910. Presently site is vacant, unused and covered with vegetation with some illegal dumping of debris of household materials and auto body parts. This site is located in an industrial zone and there are some industrial units but no residential units within a radius of about one mile. In April, 1992, TorStan, Inc. 160 Chesterfield, Suite 3, Cardiff, CA 92007 conducted a Phase II Site Assessment for the site for San Diego County and City of Chula Vista, California and discovered that: 1) Four of the six 5-gallon buckets observed on the site appeared to contain roofing tar. Of the two remaining buckets, one appeared to contain motor oil and other gear lubricant. 2) Two underground tanks were removed under permit; one tank had an unauthorized release while the second tank was removed in good condition with no evidence of a release. A 2000 & 6000 Gal. gas tanks were removed 12/27/91 with no holes observed. 100 gallons of petroleum product and water were pumped out

from the 2000 gal. tank pit. 3) History of the on-site well indicated that the well was used to pump sea water to an on-site basin for desalination and water treatment research and there were no Title 22 Metals above the instrument detection limit. 4) Analyses of materials in the various outdoor basins indicated the presence of arsenic above regulatory limits. 5) On-site presence of a septic system indicated that the site accessed water from the Sweetwater Authority and that the site was not on City sewer. Based upon analytical results from the subsurface assessment it did not appear that the septic system was used to dispose of petroleum products. On February 19, 1993, San Diego County Hazardous Materials Management Division (HMMD) transferred oversight of the site to San Diego RWQCB for further site investigation and mitigation activities. On October 6, 1995, as a result of the bioremediation at this site and on the basis of soil and groundwater results provided by Ninyo & Moore, San Diego RWQCB closed the site for further action because the site was not posing any threat to water quality and the environment.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Site Assessment
Status Date:	1/14/1992
Status:	Completed - Case Closed
Status Date:	10/6/1995
Status:	Open - Case Begin Date
Status Date:	12/27/1991
Status:	Open - Site Assessment
Status Date:	12/27/1991

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	FLUID SYSTEMS
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	965 F ST
City:	CHULA VISTA
Zip:	92010
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607300888
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 10/6/1995
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607300888&tabname=regulatoryhistory
Potential COC:	GASOLINE
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT2120 SAN DIEGO COUNTY LOP - CASE #: H32432-001 SAN DIEGO COUNTY LOP - CASE #: H32432-002
CUF Claim:	9870
CUF Priority Assig:	B
CUF Amount Paid:	$24,436
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Gndwater Monitoring Freque:	
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:	

UOP Fluid Systems site is located at 965 F Street, Chula Vista, CA 91910. Presently site is vacant, unused and covered with vegetation with some illegal dumping of debris of household materials and auto body parts. This site is located in an industrial zone and there are some industrial units but no residential units within a radius of about one mile. In April, 1992, TorStan, Inc. 160 Chesterfield, Suite 3, Cardiff, CA 92007 conducted a Phase II Site Assessment for the site for San Diego County and City of Chula Vista, California and discovered that:

1) Four of the six 5-gallon buckets observed on the site appeared to contain roofing tar. Of the two remaining buckets, one appeared to contain motor oil and other gear lubricant.
2) Two underground tanks were removed under permit; one tank had an unauthorized release while the second tank was removed in good condition with no evidence of a release. A 2000 & 6000 Gal. gas tanks were removed 12/27/91 with no holes observed. 100 gallons of petroleum product and water were pumped out from the 2000 gal. tank pit.
3) History of the on-site well indicated that the well was used to pump sea water to an on-site basin for desalination and water treatment research and there were no Title 22 Metals above the instrument detection limit.
4) Analyses of materials in the various outdoor basins indicated the presence of arsenic above regulatory limits.
5) On-site presence of a septic system indicated that the site accessed water from the Sweetwater Authority and that the site was not on City sewer. Based upon analytical results from the subsurface assessment it did not appear that the septic system was used to dispose of petroleum products. On February 19, 1993, San Diego County Hazardous Materials Management Division (HMMD) transferred oversight of the site to San Diego RWQCB for further site investigation and mitigation activities. On October 6, 1995, as a result of the bioremediation at this site and on the basis of soil and groundwater results provided by Ninyo & Moore, San Diego RWQCB closed the site for further action because the site was not posing any threat to water quality and the environment.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 10/6/1995

Status: Open - Case Begin Date
Date : 12/27/1991

Status: Open - Site Assessment
Date : 12/27/1991

Status: Open - Site Assessment
Date : 1/14/1992

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Leak Action
Action: Leak Discovery
Action Date: 12/27/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 12/27/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 12/27/1991
Received Issue Date:
Doc Link:
Title Description Comments:

93	5 of 7	WNW	0.39 / 2,056.32	7.90 / -11	FLUID SYSTEMS 965 F ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T0607300888
Record ID: DEH1991-LSAM-H32432-003
Record Status: Completed
Opened Date: 12/27/1991
Case Type:
Historical Name: FLUID SYSTEMS
Lead Agency: RWQCB
Parcel No: 567-010-19-00
Census Tract: 126.00
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6334497

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Lead Agency Date:	2/19/1993	**Longitude GS 84:**	-117.1058826
Funding:	N - Non-Billable	**X Map Coord:**	6298155.007
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1811365.781
Water Purveyor:	CHULA VISTA		
File Case Type:	CASES WITH NO CASE TYPE		

93	6 of 7	WNW	0.39 / 2,056.32	7.90 / -11	**FLUID SYSTEMS** **965 F ST, CHULA VISTA, CA 91910** **CHULA VISTA CA**	**LOP** **SANDIEGO**

SWRCB Global ID:		**Parcel No:**	567-010-19-00
Record ID:	DEH1991-LSAM-H32432-001	**Census Tract:**	126.00
Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	12/27/1991	**Community:**	Chula Vista
Case Type:	LOP - Local Oversight Program	**Jurisdiction:**	CHULA VISTA
Historical Name:	FLUID SYSTEMS	**Watershed Basin No:**	909.12
Lead Agency:	RWQCB	**Latitude GS 84:**	32.6334497
Lead Agency Date:	2/19/1993	**Longitude GS 84:**	-117.1058826
Funding:	F - LOP Federal Fund	**X Map Coord:**	6298155.007
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1811365.781
Water Purveyor:	CHULA VISTA		
File Case Type:	CLOSED OR TRANSFERRED LOP CASES		

93	7 of 7	WNW	0.39 / 2,056.32	7.90 / -11	**UOP FLUID SYSTEMS** **965 F STREET** **CHULA VISTA CA 92010**	**CALSITES**

ID No:	37760082	**Assembly:**	
Status Date:	04/14/1995	**Senate:**	
NPL:		**Region:**	4
Tier:		**Region Name:**	LONG BEACH
Fund:		**County Co:**	37
Access :		**Facility County:**	SAN DIEGO
Access Code:	NOT REPORTED	**Lat Deg:**	0
Cortese:		**Lat Min:**	0
Hrscore:		**Lat Sec:**	0
Hrsdate:		**Lat Dir:**	
Groundwater Contam:		**Long Deg:**	0
GW Code:	NOT REPORTED	**Long Min:**	0
No Sources:	0	**Long Sec:**	0
RWQCB Name:	SAN DIEGO	**Long Dir:**	
Branch Name:	SOUTHERN CA. - B	**Llmethod:**	
Staff:		**Lldesc:**	
Senior:	MMONROY		
Status Name:	PROPERTY/SITE REFERRED TO ANOTHER AGENCY		
Type Name:	N/A		
Lead Name:	N/A		
SIC Name:	MISCELLANEOUS REPAIR SERVICES		
Filename:	CHULA VISTA REDEVELOPMENT AGENCY		
Comments:			

Torstan Inc. mailed a "Phase II Site Assessment" report for the City of Chula Vista Redevelopment Agency seeking immun-ity from liability under AB3193 (Polanco Bill). Since this was not a RAP, DTSC transmitted PEA Manual and other guid-ance listed in MM#91-7. Torstan Inc. mailed a report entitled "Unauthorized Release Report". The release was from UST; DTSC referred the matter to the SDRWQCB and County of San Diego. Region 4 staff completed screening of the site and sent the two reports and correspondence to the file room.

Background:

Up until 1959, the site and surrounding area was a marsh/ lagoon. Building permit issues 9/59 for office/warehouse. A garage was built in 7/71 and a temporary storage building added in 1975. From 1976 to 1985, the site was used as a ship building/repair yard. The present owner is the City of Chula Vista, 276 4th Avenue, Chula Vista, CA 91910. Property Lessee is UOP Fluid Systems.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
94	1 of 1	WNW	0.40 / 2,093.20	9.66 / -9	UOP FLUID SYSTEMS 965 F STREET CHULA VISTA CA 92010	ENVIROSTOR

Estor/EPA ID: 37760082
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6073012502
Site Type: EVALUATION
Address Description: 965 F STREET
Office: CLEANUP CYPRESS
Special Program: EPA - PASI
Funding:
Assembly District: 80
Senate District: 40
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SAN DIEGO
Latitude: 32.6341796378937
Longitude: -117.106307028025
Acres: 0 ACRES
Supervisor:
Cleanup Status: REFER: LOCAL AGENCY AS OF 1/11/2011
Cleanup Oversight Agencies: US EPA - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contamin of Concern:

NONE SPECIFIED

Site History:

UOP Fluid Systems site is located at 965 F Street, Chula Vista, CA 91910. Presently site is vacant, unused and covered with vegetation with some illegal dumping of debris of household materials and auto body parts.
This site is located in an industrial zone and there are some industrial units but no residential units within a radius of about one mile.
In April, 1992, TorStan, Inc. 160 Chesterfield, Suite 3, Cardiff, CA 92007 conducted a Phase II Site Assessment for the site for San Diego County and City of Chula Vista, California and discovered that:
1) Four of the six 5-gallon buckets observed on the site appeared to contain roofing tar. Of the two remaining buckets, one appeared to contain motor oil and other gear lubricant.
2) Two underground tanks were removed under permit; one tank had an unauthorized release while the second tank was removed in good condition with no evidence of a release.
3) History of the on-site well indicated that the well was used to pump sea water to an on-site basin for desalination and water treatment research and there were no Title 22 Metals above the instrument detection limit.
4) Analyses of materials in the various outdoor basins indicated the presence of arsenic above regulatory limits.
5) On-site presence of a septic system indicated that the site accessed water from the Sweetwater Authority and that the site was not on City sewer.
Based upon analytical results from the subsurface assessment it did not appear that the septic system was used to dispose of petroleum products.
On February 19, 1993, San Diego County Hazardous Materials Management Division (HMMD) transferred oversight of the site to San Diego RWQCB for further site investigation and mitigation activities.
On October 6, 1995, as a result of the bioremediation at this site and on the basis of soil and groundwater results provided by Ninyo & Moore, San Diego RWQCB closed the site for further action because the site was not posing any threat to water quality and the environment.

Status: REFER: LOCAL AGENCY
Program Type: EVALUATION
CalEnviroScreen Score: 85-90%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=37760082

Currently Scheduled Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Due Date: 12/4/2021
Revised Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
95	1 of 1	S	0.41 / 2,166.67	13.68 / -5	VACANT PROPERTY OWNED BY THE SD UNIFIED PORT DISTRICT (PLAT NO. 032-008) MARINA PARKWAY CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T10000005120
County: SAN DIEGO
Latitude: 32.6229450989516
Longitude: -117.09878549469

Status Date: 5/8/2019
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: T10000004581
Local Case No:
Begin Date: 8/27/2013
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Polychlorinated biphenyls (PCBs), Arsenic, Lead, Other Metal
How Discovered:
Stop Method:
Stop Description:
Case Worker: TCA
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 2019-05-08 00:00:00
Potential Media of Concern: Soil
How Discovered Description: Discolored soils found during excavation of impacted sediments within the former L-Ditch.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
File Location: All Files are on GeoTracker or in the Local Agency Database
Site History:

This was Port owned property adjacent to the former BF Goodrich/Rohr South Campus property. It is part of the "Exchange Parcels" for redevelopment in the Chula Vista Marina District. No known industrial, commercial, or residental activities has taken place on this property. This case was opened to accommodate a Phase II assessment. If contamination is discovered during development of the Exchange Parcels the Port will be required to remediate. Administratively closed May 8, 2019. Any further activity associated with this property will be addressed through Geotracker site ID T10000004581 - CVBD - PACIFICA EXCHANGE PARCELS (H-13, H-14, H-15, HP-5).

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 2013-08-27 00:00:00

Status: Completed - Case Closed
Status Date: 2019-05-08 00:00:00

Status: Open - Case Begin Date
Status Date: 2013-08-27 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: TOM ALO
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: tom.alo@waterboards.ca.gov
Phone No: 6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000005120
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/8/2019
Potential COC: ARSENIC, LEAD, OTHER METAL, POLYCHLORINATED BIPHENYLS (PCBS)
Potential Media of Concern: SOIL
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: T10000004581
CASEWORKER: TOM ALO
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000005120&tabname=regulatoryhistory
Site History:

This was Port owned property adjacent to the former BF Goodrich/Rohr South Campus property. It is part of the "Exchange Parcels" for redevelopment in the Chula Vista Marina District. No known industrial, commercial, or residental activities has taken place on this property. This case was opened to accommodate a Phase II assessment. If contamination is discovered during development of the Exchange Parcels the Port will be required to remediate.

Administratively closed May 8, 2019. Any further activity associated with this property will be addressed through Geotracker site ID T10000004581 - CVBD - PACIFICA EXCHANGE PARCELS (H-13, H-14, H-15, HP-5).

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 5/14/2014
Received Issue Date: 5/14/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000005120&doc_id=5806992
Title Description Comments:

Contaminant Discovery Soil Investigation - Parcels H13 and H14

Action Type: Response Requested - Reports
Action: Site Investigation
Action Date: 5/13/2014
Received Issue Date: 5/13/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000005120&doc_id=5806991
Title Description Comments:

Limited Soil Investigation Near Outfall #4 Report

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 5/8/2014
Received Issue Date: 5/8/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000005120&doc_id=5806996
Title Description Comments:

Results of Historic Stockpile Sampling

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 1/22/2014
Received Issue Date: 1/22/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000005120&doc_id=5798201
Title Description Comments:

Report of Source Evaluation of Waste at Outfall 4 L-Ditch and Goodrich Aerostructures Facilities

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/9/2014
Received Issue Date: 1/9/2014
Doc Link:
Title Description Comments:

Limited Soil Investigation Near Outfall #4Work Plan and Contaminant Discovery Soil InvestigationWork Plan for H-13 and H-14 Parcels

Action Type: Response Requested - Workplans
Action: Site Investigation Workplan - Regulator Responded
Action Date: 12/26/2013
Received Issue Date: 12/26/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000005120&doc_id=5798193
Title Description Comments:

Limited Soil Investigation Near Outfall #4Work Plan and Contaminant Discovery Soil InvestigationWork Plan for H-13 and H-14 Parcels - Objective of the work plan is to determine the lateral and vertical extent of the discolored soils identified near Outfall No. 4 on the Port-owned property located adacent to the former South Campus Facility. Port sent a letter (dated 10/1/13) requesting to review the enclosures, including the Haley & Aldrich letter, and present its finding to the SD Water Board. We sent a letter to the Port (dated 10/15/13) concurring with request and requiring submittal of technical report by 5:00 pm on 1/2/14.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 10/1/2013
Received Issue Date: 10/1/2013
Doc Link:
Title Description Comments:

SD Unified Port District Response to Request for Information

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 8/28/2013
Received Issue Date: 8/28/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000005120&enforcement_id=6173416&temptable=ENFORCEMENT
Title Description Comments:

Request for Information - Discolored Soils

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 5/14/2014
Type: SITE INVESTIGATION ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: CONTAMINANT DISCOVERY SOIL INVESTIGATION - PARCELS H13 AND H14
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000005120&document_id=5806992

Document Type: Site Documents ***Document Date:*** 1/16/2014
Type: SITE ASSESSMENT REPORT ***Submitted:***

Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION, WASTE NEAR OUTFALL 4, L-DITCH AND GOODRICH AEROSTRUCTURES FACILITIES APP D VOL 2
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6296197116/T10000005120.PDF

Document Type: Site Documents **Document Date:** 1/16/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION, WASTE NEAR OUTFALL 4, L-DITCH AND GOODRICH AEROSTRUCTURES FACILITIES APP E-G
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2850472629/T10000005120.PDF

Document Type: Site Documents **Document Date:** 8/28/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REQUEST FOR INFORMATION - DISCOLORED SOILS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000005120&enforcement_id=6173416

Document Type: Site Documents **Document Date:** 12/26/2013
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: LIMITED SOIL INVESTIGATION NEAR OUTFALL #4WORK PLAN AND CONTAMINANT DISCOVERY SOIL INVESTIGATIONWORK PLAN FOR H-13 AND H-14 PARCELS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000005120&document_id=5798193

Document Type: Site Documents **Document Date:** 5/8/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: RESULTS OF HISTORIC STOCKPILE SAMPLING
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000005120&document_id=5806996

Document Type: Site Documents **Document Date:** 1/16/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION, WASTE NEAR OUTFALL 4, L-DITCH AND GOODRICH AEROSTRUCTURES FACILITIES APP D VOL 1
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2687194764/T10000005120.PDF

Document Type: Site Documents **Document Date:** 5/13/2014
Type: SITE INVESTIGATION **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: LIMITED SOIL INVESTIGATION NEAR OUTFALL #4 REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000005120&document_id=5806991

Document Type: Site Documents **Document Date:** 1/16/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION, WASTE NEAR OUTFALL 4, L-DITCH AND GOODRICH AEROSTRUCTURES FACILITIES APP A-C
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2059833586/T10000005120.PDF

Document Type: Site Documents **Document Date:** 1/16/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION, WASTE NEAR OUTFALL 4, L-DITCH AND GOODRICH AEROSTRUCTURES FACILITIES APP D VOL 3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2507424533/T10000005120.PDF

Document Type: Site Documents **Document Date:** 1/16/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION, WASTE NEAR OUTFALL 4, L-DITCH AND GOODRICH AEROSTRUCTURES FACILITIES APP H
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6117509961/T10000005120.PDF

Document Type: Site Documents **Document Date:** 1/16/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)

Title: REPORT OF SOURCE EVALUATION, WASTE NEAR OUTFALL 4, L-DITCH AND GOODRICH AEROSTRUCTURES FACILITIES
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9256303906/T10000005120.PDF

Document Type: Site Documents
Document Date: 12/26/2013
Type: SITE INVESTIGATION WORKPLAN
Submitted:
Submitted By: TOM ALO (REGULATOR)
Title: LIMITED SOIL INVESTIGATION NEAR OUTFALL #4WORK PLAN AND CONTAMINANT DISCOVERY SOIL INVESTIGATIONWORK PLAN FOR H-13 AND H-14 PARCELS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000005120&document_id=5798193

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 3/11/2019
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: VACANT PORT PROPERTY (KMZ)
Link: https://geotracker.waterboards.ca.gov/regulators/map_coverages/3216321647/Vacant_Port_Property.kmz

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Site Assessment
Date: 8/27/2013

Status: Open - Case Begin Date
Date: 8/27/2013

Status: Completed - Case Closed
Date: 5/8/2019

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description: Chula Vista Bayfront
Identifier: T10000004581
Project Name: CVBD - Pacifica Exchange Parcels (H-13, H-14, H-15, HP-5)
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004581
Address: Marina Parkway
City: CHULA VISTA
Status: OPEN - REMEDIATION

Association: Related Global ID
Description:
Identifier: SL209294204
Project Name: GOODRICH AEROSTRUCTURES - SOUTH CAMPUS
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL209294204
Address: 850 LAGOON DRIVE
City: CHULA VISTA
Status: OPEN - REMEDIATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
96	1 of 9	E	0.41 / 2,181.57	40.49 / 22	OPTIMA CAR WASH 498 BROADWAY Chula Vista CA	SAM SANDIEGO

Record ID: DEH1986-LSAM-H05368-001
Record ID (DEH): DEH1986-LSAM-H05368-001
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 260
Object ID: 260
SWRCB Global ID: T0608118503
Feature ID: 5672003900
Parcel No: 567-200-39-00
Case No: H05368-001
H No: H05368
KIVA per Tp per No: 6SAM H05368
Status: Completed
Record Status: Completed

BOS District: 1
Lead Agency: DEH/SAM
Lead Agcy Date: 8/27/1986, 8:00 PM
Opened Date: 8/27/1986, 8:00 PM
ThomasBros Map Gd: 1310 A 7
Jurisdiction: CHULA VISTA
Census Tract: 125.01
Watershed Basin: 909.12
GT Global ID: T0608118503
GT RB Case No:
GT Status Date:
GT Case Type: Cleanup Program Site
GT Lead Agency: SAN DIEGO COUNTY LOP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	08/28/1986	**GT Latitude:**	32.631109
Per Type:	LWQD	**GT Longitude:**	-117.0898443
Primary Parcel:	YES	**Latitude GS84:**	32.6311871
Primary Address:	YES	**Longitude GS84:**	-117.0900811
Address Type:	ALIAS	**Point X:**	6303056.90983847
City:	CHULA VISTA	**Point Y:**	1810479.13001065
Community:	Chula Vista	**X:**	6303018.163
Zip Code:	91910	**Y:**	1810492.852
Zip Community:	91910	**X1:**	-117.08997149978245
Agency Name:	COSD	**Y1:**	32.631192598848976

Project Name: OPTIMA CAR WASH
Address: 498 BROADWAY, CHULA VISTA CA 91910
Historical Name: H ST AUTO WASH
Record Name: OPTIMA CAR WASH
Street String: 498 BROADWAY
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type:
Funding: N - Non-Billable
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
96	2 of 9	E	0.41 / 2,181.57	40.49 / 22	OPTIMA CAR WASH 498 BROADWAY Chula Vista CA	SAM SANDIEGO

Record ID:	DEH1998-LSAM-H05368-003	**BOS District:**	1
Record ID (DEH):	DEH1998-LSAM-H05368-003	**Lead Agency:**	RWQCB
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	1/22/2013, 7:00 PM
ID:	4437	**Opened Date:**	12/3/1998, 7:00 PM
Object ID:	4433	**ThomasBros Map Gd:**	1310 A 7
SWRCB Global ID:	T0607302590	**Jurisdiction:**	CHULA VISTA
Feature ID:	5672003900	**Census Tract:**	125.01
Parcel No:	567-200-39-00	**Watershed Basin:**	909.12
Case No:		**GT Global ID:**	T0607302590
H No:	H05368	**GT RB Case No:**	9UT3827
KIVA per Tp per No:	6SAM H05368	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	LUST Cleanup Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO RWQCB (REGION 9)
Record Type:	SAM Investigation	**GT CUF Case:**	YES
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	12/04/1998	**GT Latitude:**	32.63106519
Per Type:	LWQD	**GT Longitude:**	-117.09001038
Primary Parcel:	YES	**Latitude GS84:**	32.6311871
Primary Address:	YES	**Longitude GS84:**	-117.0900811
Address Type:	ALIAS	**Point X:**	6303056.89999597
City:	CHULA VISTA	**Point Y:**	1810479.13001065
Community:	Chula Vista	**X:**	6303018.16275341
Zip Code:	91910	**Y:**	1810492.85155231
Zip Community:	91910	**X1:**	-117.08997153174977
Agency Name:	COSD	**Y1:**	32.63119259863105

Project Name: OPTIMA CAR WASH
Address: 498 BROADWAY, CHULA VISTA CA 91910
Historical Name: H STREET CAR WASH
Record Name: OPTIMA CAR WASH
Street String: 498 BROADWAY
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: SOUTH BAY IRRIGATION LAND
GT Status: Open - Remediation
Case Type: LOP - Local Oversight Program

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Funding: S - LOP State Fund
Geo SRC: Mapped to XY from previous SAM layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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96 | **3 of 9** | **E** | **0.41 / 2,181.57** | **40.49 / 22** | **OPTIMA CAR WASH**
498 BROADWAY
Chula Vista CA | **SAM SANDIEGO**

Record ID:	DEH1991-LSAM-H05368-002	**BOS District:**	1
Record ID (DEH):	DEH1991-LSAM-H05368-002	**Lead Agency:**	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	**Lead Agcy Date:**	11/13/1991, 7:00 PM
ID:	2288	**Opened Date:**	11/11/1991, 7:00 PM
Object ID:	2286	**ThomasBros Map Gd:**	1310 A 7
SWRCB Global ID:	T0608164049	**Jurisdiction:**	CHULA VISTA
Feature ID:	5672003900	**Census Tract:**	125.01
Parcel No:	567-200-39-00	**Watershed Basin:**	909.12
Case No:	H05368-002	**GT Global ID:**	T0608164049
H No:	H05368	**GT RB Case No:**	
KIVA per Tp per No:	6SAM H05368	**GT Status Date:**	
Status:	Completed	**GT Case Type:**	Cleanup Program Site
Record Status:	Completed	**GT Lead Agency:**	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	**GT CUF Case:**	NO
Record Alias:	SAM Investigation	**GT County:**	San Diego
Date:	11/12/1991	**GT Latitude:**	32.63113462
Per Type:	LWQD	**GT Longitude:**	-117.08996232
Primary Parcel:	YES	**Latitude GS84:**	32.6311871
Primary Address:	YES	**Longitude GS84:**	-117.0900811
Address Type:	ALIAS	**Point X:**	6303056.90983847
City:	CHULA VISTA	**Point Y:**	1810479.13001065
Community:	Chula Vista	**X:**	6303018.163
Zip Code:	91910	**Y:**	1810492.852
Zip Community:	91910	**X1:**	-117.08997149978245
Agency Name:	COSD	**Y1:**	32.631192598848976

Project Name: OPTIMA CAR WASH
Address: 498 BROADWAY, CHULA VISTA CA 91910
Historical Name: H STREET CAR WASH
Record Name: OPTIMA CAR WASH
Street String: 498 BROADWAY
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type:
Funding: N - Non-Billable
Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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96 | **4 of 9** | **E** | **0.41 / 2,181.57** | **40.49 / 22** | **OPTIMA CAR WASH**
498 BROADWAY
CHULA VISTA CA 91910 | **CLEANUP SITES**

Global ID:	T0608118503	**Latitude:**	32.6311090030704
County:	SAN DIEGO	**Longitude:**	-117.089844302449
Status Date:	1/21/1988		

Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H05368-001
Begin Date: 8/28/1986
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method:
Stop Description:
Case Worker:
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 1988-01-21 00:00:00
Potential Media of Concern:
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 90-95%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 1986-08-28 00:00:00

Status: Completed - Case Closed
Status Date: 1988-01-21 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608118503
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/21/1988
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H05368-001
SAN DIEGO RWQCB (REGION 9)

Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608118503&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 4/6/2016
Received Issue Date: 4/6/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608118503&doc_id=5885899
Title Description Comments:

Unauthorized Release #T0262/H056368

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 4/6/2016
Received Issue Date: 4/6/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608118503&doc_id=5885898
Title Description Comments:

Notes on leaking tank plug and follow-up testing and repair

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 4/6/2016
Type: CORRESPONDENCE ***Submitted:***
Submitted By: SARAH MEARON (REGULATOR)
Title: NOTES ON LEAKING TANK PLUG AND FOLLOW-UP TESTING AND REPAIR
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608118503&document_id=5885898

Document Type: Site Documents ***Document Date:*** 4/6/2016
Type: CORRESPONDENCE ***Submitted:***
Submitted By: SARAH MEARON (REGULATOR)
Title: UNAUTHORIZED RELEASE #T0262/H056368
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608118503&document_id=5885899

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Case Begin Date
Date: 8/28/1986

Status: Completed - Case Closed
Date: 1/21/1988

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description:
Identifier: T0607302590
Project Name: OPTIMA CAR WASH
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302590
Address: 498 BROADWAY
City: CHULA VISTA
Status: OPEN - SITE ASSESSMENT

96	5 of 9	E	0.41 / 2,181.57	40.49 / 22	OPTIMA CAR WASH 498 BROADWAY CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T0608164049
County: SAN DIEGO
Status Date: 6/16/1992
Latitude: 32.6311346211571
Longitude: -117.089962319318
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: H05368-002
Begin Date: 10/23/1991
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Gasoline
How Discovered:
Stop Method:
Stop Description:
Case Worker:
Military DoD Site: No
Leak Reported Dt: 1991-11-12 00:00:00
No Further Action Dt: 1992-06-16 00:00:00
Potential Media of Concern: Under Investigation
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 71-75%
Calenviroscreen 4 Score: 90-95%
File Location: Local Agency
Site History:

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Case Begin Date
Status Date: 1991-10-23 00:00:00

Status: Completed - Case Closed
Status Date: 1992-06-16 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:

Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608164049
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/16/1992
Potential COC: GASOLINE
Potential Media of Concern: UNDER INVESTIGATION
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H05368-002
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608164049&tabname=regulatoryhistory
Site History:

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 4/6/2016
Received Issue Date: 4/6/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608164049&doc_id=5885896
Title Description Comments:

Unauthorized Release #T2313/H05368-002

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 4/6/2016
Received Issue Date: 4/6/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0608164049&doc_id=5885897
Title Description Comments:

Unauthorized Release #T2313/H05368-002

Action Type: Leak Action
Action: Leak Reported
Action Date: 11/12/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 10/23/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 10/23/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 4/6/2016
Type: CORRESPONDENCE ***Submitted:***
Submitted By: SARAH MEARON (REGULATOR)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: UNAUTHORIZED RELEASE #T2313/H05368-002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608164049&document_id=5885896

Document Type: Site Documents
Document Date: 4/6/2016
Type: TECHNICAL MEMOS
Submitted:
Submitted By: SARAH MEARON (REGULATOR)
Title: UNAUTHORIZED RELEASE #T2313/H05368-002
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608164049&document_id=5885897

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Case Begin Date
Date: 10/23/1991

Status: Completed - Case Closed
Date: 6/16/1992

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description:
Identifier: T0607302590
Project Name: OPTIMA CAR WASH
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302590
Address: 498 BROADWAY
City: CHULA VISTA
Status: OPEN - SITE ASSESSMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
96	6 of 9	E	0.41 / 2,181.57	40.49 / 22	OPTIMA CAR WASH 498 BROADWAY CHULA VISTA CA 91910	LUST

Global ID: T0607302590
Status Date: 3/1/2022
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: OPEN - SITE ASSESSMENT
Census Tract: 6073012501
Match Key: T0607302590
County: SAN DIEGO
Latitude: 32.6310651899366
Longitude: -117.09001038102

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: YES
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Worker: MP
Local Agency:
RB Case No: 9UT3827
Local Case No:
File Location: Local Agency
Potential COC: Gasoline
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 12/4/1998
How Discovered:
How Discovered Description:
Stop Method: Replace product piping
Stop Description: REPLACE PRODUCT PIPING **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Disadvantaged Community
CalEnvScreen Score:
Coordinate Source: Google Map Move
Discharge Cause: Physc / Mech Damage
Discharge Source: Piping
EPA Region: 9
Leak Reported Dt: 1998-12-04 00:00:00

Military DoD Site: No
No Further Action Dt:
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 90-95%
Site History:

Three underground storage tanks were removed on 12/4/98 and soil sampling results indicated a release in both the gas and diesel carbon ranges. Several investigations showed that both soil and groundwater were impacted by gasoline. Soil contamination has been assessed. The leading edge of the groundwater plume has not been defined. A workplan approval letter was issued on 6/23/09 to install three more groundwater monitoring wells down gradient. Since December 2009, we have been trying to locate a Responsible Party to continue with the assessment.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: MIKE PORTER
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 Northside Drive, Suite 100
City: SAN DIEGO
Email: mike.porter@waterboards.ca.gov
Phone No: 6195213967

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 3/1/2022

Status: Open - Remediation
Status Date: 4/15/2002

Status: Open - Case Begin Date
Status Date: 12/4/1998

Status: Open - Inactive
Status Date: 9/1/2018

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: OPTIMA CAR WASH
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - SITE ASSESSMENT
Address: 498 BROADWAY
City: CHULA VISTA
Zip: 91910
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607302590
Cleanup Status Detail: OPEN - SITE ASSESSMENT AS OF 3/1/2022
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607302590&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 9UT3827
CASEWORKER: MIKE PORTER
SAN DIEGO COUNTY LOP - CASE #: H05368-003
CUF Claim: 17848
CUF Priority Assig: B
CUF Amount Paid: $77,935

WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque: # OF WELLS MONITORED - SEMI-ANNUALLY : 6
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

Three underground storage tanks were removed on 12/4/98 and soil sampling results indicated a release in both the gas and diesel carbon ranges. Several investigations showed that both soil and groundwater were impacted by gasoline. Soil contamination has been assessed. The leading edge of the groundwater plume has not been defined. A workplan approval letter was issued on 6/23/09 to install three more groundwater monitoring wells down gradient. Since December 2009, we have been trying to locate a Responsible Party to continue with the assessment.

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Open - Site Assessment
Date : 3/1/2022

Status: Open - Case Begin Date
Date : 12/4/1998

Status: Open - Inactive
Date : 9/1/2018

Status: Open - Remediation
Date : 4/15/2002

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Verbal Communication
Action Date: 1/27/2017
Received Issue Date: 1/27/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6309928&temptable=ENFORCEMENT
Title Description Comments:

Followed up with Mr. Boyett of JIB, he was reassigned to a different region. Ms. Sabrina Wright (619-840-6713, cell) is the new regional contact for JIB. I spoke with her and forwarded the email to her. She will pass the info to legal team and respond to me later.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/13/2017
Received Issue Date: 1/13/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6308588&temptable=ENFORCEMENT
Title Description Comments:

communication with SB CF for possible successor claimant

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 11/16/2016
Received Issue Date: 11/16/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5907608
Title Description Comments:

Response to Responsible Party Determination

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded

Action Date: 4/15/2016
Received Issue Date: 4/15/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5894517
Title Description Comments:

San Diego County Designation of Jack in the Box as Responsible Party

Action Type: Response Requested - Workplans
Action: Corrective Action Plan / Remedial Action Plan
Action Date: 3/31/2016
Received Issue Date:
Doc Link:
Title Description Comments:

Work Plan for Soil and Groundwater Remediation

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 1/12/2016
Received Issue Date: 1/7/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5870274
Title Description Comments:

RTC on 12/11/15 Letter Commenting on Well Installation Report

Action Type: Response Requested - Reports
Action: Monitoring Report - Semi-Annually - Regulator Responded
Action Date: 12/15/2015
Received Issue Date: 11/20/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5864518
Title Description Comments:

Well Installation and Semi-Annual Groundwater Monitoring Report

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 7/3/2015
Received Issue Date: 6/30/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5843545
Title Description Comments:

Response to Comments on Well Installation Work Plan

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 6/30/2015
Received Issue Date: 6/30/2015
Doc Link:
Title Description Comments:

Response to SD Water Board Letter Dated June 3, 2015

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 5/15/2015
Received Issue Date: 5/5/2015
Doc Link:
Title Description Comments:

Groundwater Assessment Work Plan

Action Type: Response Requested - Workplans
Action: Well Installation Workplan - Regulator Responded

Action Date: 5/5/2015
Received Issue Date: 5/5/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5843544
Title Description Comments:

Work Plan to Install Off-Site Groundwater Monitoring Wells

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Regulator Responded
Action Date: 3/12/2015
Received Issue Date: 3/12/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5833863
Title Description Comments:

Workplan to Conduct Additional Subsurface Site Assessment - Work Plan is dated 2009 and was originally submitted to SD County DEH. It was approved (with revisions) by DEH on June 23, 2009. Work was not performed due to death of RP. New work plan for further site characterization to be submitted.

Action Type: Response Requested - Reports
Action: Monitoring Report - Other - Regulator Responded
Action Date: 3/12/2015
Received Issue Date: 3/12/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5833862
Title Description Comments:

Groundwater Monitoring Report

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/28/2015
Received Issue Date: 1/28/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6238321&temptable=ENFORCEMENT
Title Description Comments:

email correspondence for additional work

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 10/16/2014
Received Issue Date: 10/16/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5819357
Title Description Comments:

Complete Case Transfer from DEH to RWQCB

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/20/2014
Received Issue Date: 6/20/2014
Doc Link:
Title Description Comments:

Update 2014/2014 PTCP

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/9/2014
Received Issue Date: 6/9/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6213681&temptable=ENFORCEMENT
Title Description Comments:

Correspodence with Consultant

Action Type: Referral to Other Agency
Action: Referral to Regional Board
Action Date: 1/2/2013
Received Issue Date: 1/2/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6146639&temptable=ENFORCEMENT
Title Description Comments:

Transfer to RWQCB

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 8/7/2012
Received Issue Date: 8/7/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=5754095
Title Description Comments:

Response to NOR Reissue - Waiting for review by County Counsel

Action Type: Notices
Action: Notice of Responsibility
Action Date: 7/12/2012
Received Issue Date: 7/12/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6129904&temptable=ENFORCEMENT
Title Description Comments:

Notice of Responsibility/Reissue

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Action Date: 4/12/2012
Received Issue Date: 4/12/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6393903&temptable=ENFORCEMENT
Title Description Comments:

2nd 5-year Review

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/1/2012
Received Issue Date: 2/1/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6112347&temptable=ENFORCEMENT
Title Description Comments:

DEH Office Hearing - Punton Trust Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 1/25/2012
Received Issue Date: 1/25/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6109625&temptable=ENFORCEMENT
Title Description Comments:

Office Hearing Results

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 12/29/2011
Received Issue Date: 12/29/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?

global_id=T0607302590&enforcement_id=6107353&temptable=ENFORCEMENT

Title Description Comments:

Office Hearing Letter

Action Type: Notices
Action: Letter - Notice
Action Date: 5/9/2011
Received Issue Date: 5/9/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6088114&temptable=ENFORCEMENT
Title Description Comments:

Past Due Notice

Action Type: Other Regulatory Actions
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Action Date: 1/26/2011
Received Issue Date: 1/26/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6391930&temptable=ENFORCEMENT
Title Description Comments:

5-year report

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 6/20/2022
Received Issue Date: 6/20/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6497240&temptable=ENFORCEMENT
Title Description Comments:

Approval of Work Plan

Action Type: Response Requested - Workplans
Action: Well Installation Workplan
Action Date: 5/17/2022
Received Issue Date: 5/17/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=6074618
Title Description Comments:

Revised Work Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/13/2022
Received Issue Date: 5/13/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6494569&temptable=ENFORCEMENT
Title Description Comments:

Response to site assessment and workplan, request for revised work plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/12/2022
Received Issue Date: 5/12/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6494473&temptable=ENFORCEMENT
Title Description Comments:

Question about proposed well locations

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/11/2022
Received Issue Date: 5/11/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6494282&temptable=ENFORCEMENT
Title Description Comments:

Original groundwater monitoring wells are dry, need deeper wells to be developed. Work plan to be submitted by end of May 2022.

Action Type: Response Requested - Workplans
Action: Well Installation Workplan
Action Date: 5/11/2022
Received Issue Date: 5/11/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=6073174
Title Description Comments:

Results of Groundwater Gauging and Work Plan to Install Deeper Groundwater Monitoring Wells

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/19/2022
Received Issue Date: 4/19/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6492516&temptable=ENFORCEMENT
Title Description Comments:

Site Activity Schedule Update

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 3/24/2022
Received Issue Date: 3/24/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6491061&temptable=ENFORCEMENT
Title Description Comments:

Request for ECAP JET meeting to discuss site

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 2/22/2022
Received Issue Date: 2/22/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6491059&temptable=ENFORCEMENT
Title Description Comments:

Email to JIB requesting Site Assessment Status

Action Type: Reports
Action: Other Report
Action Date: 8/17/2018
Received Issue Date: 8/17/2018
Doc Link:
Title Description Comments:

Deadline for JIB to submit a Work Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/26/2018
Received Issue Date: 7/26/2018
Doc Link:
Title Description Comments:

A brief telecom was held among reps from SB (Julie Osborn, Regina Cherovsky), RB (Catherine Hagan, Charles Cheng), and JIB (David Armstrong) to address some questions raised by Mr. Armstrong regarding eligibility transfer.

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/5/2018
Received Issue Date: 7/5/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6363189&temptable=ENFORCEMENT
Title Description Comments:

email communication

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/13/2017
Received Issue Date: 6/13/2017
Doc Link:
Title Description Comments:

update LTCP Checklist and Path to Closure

Action Type: Other Regulatory Actions
Action: File review
Action Date: 1/10/2011
Received Issue Date: 1/10/2011
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6073997&temptable=ENFORCEMENT
Title Description Comments:

5-Year Review & Response

Action Type: Notices
Action: Letter - Notice
Action Date: 5/18/2010
Received Issue Date: 5/18/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6051772&temptable=ENFORCEMENT
Title Description Comments:

Staff Reassignment Letter

Action Type: Notices
Action: Letter - Notice
Action Date: 7/9/2009
Received Issue Date: 7/9/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6023940&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/24/2009
Received Issue Date: 6/24/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6041942&temptable=ENFORCEMENT
Title Description Comments:

Work Plan approval for 3 groundwater monitoring wells onsite

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Addendum
Action Date: 4/6/2009
Received Issue Date: 4/6/2009

Doc Link:
Title Description Comments:

Work Plan

Action Type: Notices
Action: Notice of Responsibility
Action Date: 1/29/1999
Received Issue Date: 1/29/1999
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Began
Action Date: 12/4/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 12/4/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 12/4/1998
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Reports
Action: Tank Removal Report / UST Sampling Report
Action Date: 12/4/1998
Received Issue Date: 12/4/1998
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607302590&doc_id=6008868
Title Description Comments:

County of San Diego Underground Storage Tank Removal

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 4/13/2017
Received Issue Date: 4/13/2017
Doc Link:
Title Description Comments:

Note: The San Diego Water Board is in contact with JIB, CUF, and Mr. Bedford's heir to determine the eligibility of transferring the claim to some entity as a successor claimant so that the site can move forward to closure.

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 3/17/2008 ***Submitted By:*** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (MW4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9291884481/T0607302590.pdf

Submitted: 3/17/2008 ***Submitted By:*** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (MW3)

Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2501663684/T0607302590.pdf

Submitted: 12/31/2015 **Submitted By:** ARDENT ENVIRONMENTAL (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/4821326553/T0607302590.PDF

Submitted: 6/20/2005 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2725507438/T0607302590.pdf

Submitted: 3/17/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (B11)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5891478598/T0607302590.pdf

Submitted: 3/17/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (MW5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4167147576/T0607302590.pdf

Submitted: 12/29/2015 **Submitted By:** ARDENT ENVIRONMENTAL (AUTH_RP)
Title: MW9 BORING LOG (MW9)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8681449651/T0607302590.PDF

Submitted: 3/17/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (B14)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3596571981/T0607302590.pdf

Submitted: 12/29/2015 **Submitted By:** ARDENT ENVIRONMENTAL (AUTH_RP)
Title: MW2 BORING LOG (MW2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1186346471/T0607302590.PDF

Submitted: 3/17/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (B12)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9371398031/T0607302590.pdf

Submitted: 3/17/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (MW6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2310636758/T0607302590.pdf

Submitted: 12/29/2015 **Submitted By:** ARDENT ENVIRONMENTAL (AUTH_RP)
Title: MW8 BORING LOG (MW8)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7005667150/T0607302590.PDF

Submitted: 3/17/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (B10)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1633682072/T0607302590.pdf

Submitted: 3/17/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (B15)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3229628622/T0607302590.pdf

Submitted: 12/31/2015 **Submitted By:** ARDENT ENVIRONMENTAL (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/7034247696/T0607302590.PDF

Submitted: 3/17/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_BORE (B13)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3633335947/T0607302590.pdf

Submitted: 3/20/2008 **Submitted By:** KEITH ETCHELLS (AUTH_RP)
Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/8550005853/T0607302590.pdf

Submitted: 12/29/2015 **Submitted By:** ARDENT ENVIRONMENTAL (AUTH_RP)
Title: MW7 BORING LOG (MW7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2898565709/T0607302590.PDF

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents **Document Date:** 5/11/2022
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: RESULTS OF GROUNDWATER GAUGING AND WORK PLAN TO INSTALL DEEPER GROUNDWATER MONITORING WELLS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=6073174

Document Type: Site Documents **Document Date:** 11/16/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: CRAIG CARLISLE (REGULATOR)
Title: RESPONSE TO RESPONSIBLE PARTY DETERMINATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=5907608

Document Type: Site Documents **Document Date:** 1/2/2013
Type: REFERRAL TO REGIONAL BOARD **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: TRANSFER TO RWQCB **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6146639

Document Type: Site Documents **Document Date:** 6/24/2009
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: (REGULATOR)
Title: WORK PLAN APPROVAL FOR 3 GROUNDWATER MONITORING WELLS ONSITE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6041942

Document Type: Site Documents **Document Date:** 5/12/2022
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: QUESTION ABOUT PROPOSED WELL LOCATIONS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6494473

Document Type: Site Documents **Document Date:** 5/11/2022
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: ORIGINAL GROUNDWATER MONITORING WELLS ARE DRY, NEED DEEPER WELLS TO BE DEVELOPED. WORK PLAN TO BE SUBMITTED BY END OF MAY 2022.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6494282

Document Type: Site Documents **Document Date:** 5/5/2015
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: WORK PLAN TO INSTALL OFF-SITE GROUNDWATER MONITORING WELLS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=5843544

Document Type: Site Documents **Document Date:** 7/9/2009
Type: LETTER - NOTICE **Submitted:**
Submitted By: (REGULATOR)
Title: LETTER - NOTICE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6023940

Document Type: Site Documents **Document Date:** 6/20/2022
Type: STAFF LETTER **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: APPROVAL OF WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6497240

Document Type: Site Documents **Document Date:** 4/19/2022
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: SITE ACTIVITY SCHEDULE UPDATE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6492516

Document Type: Site Documents **Document Date:** 4/15/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: SAN DIEGO COUNTY DESIGNATION OF JACK IN THE BOX AS RESPONSIBLE PARTY - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=5894517

Document Type: Site Documents **Document Date:** 1/4/2016
Type: CORRESPONDENCE **Submitted:**
Submitted By: ARDENT ENVIRONMENTAL (AUTH_RP)
Title: RESPONSE TO RWQCB LETTER DATED 11, 2015 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1555628180/T0607302590.PDF

Document Type: Site Documents **Document Date:** 2/1/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: DEH OFFICE HEARING - PUNTON TRUST LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6112347

Document Type: Monitoring Reports **Document Date:** 3/12/2015
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: GROUNDWATER MONITORING REPORT - COMMENTS ON MARCH 2015 GW MONITORING REPORT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/7915408074/Comment%20Letter%5FMarch%202015%20GW%20Report%5F31615%2Epdf

Document Type: Site Documents **Document Date:** 5/13/2022
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: RESPONSE TO SITE ASSESSMENT AND WORKPLAN, REQUEST FOR REVISED WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6494569

Document Type: Site Documents **Document Date:** 3/24/2022
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: REQUEST FOR ECAP JET MEETING TO DISCUSS SITE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6491061

Document Type: Site Documents **Document Date:** 1/28/2015
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: CHARLES CHENG (REGULATOR)
Title: EMAIL CORRESPONDENCE FOR ADDITIONAL WORK **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6238321

Document Type: Site Documents **Document Date:** 6/9/2014
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: CORRESPODENCE WITH CONSULTANT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6213681

Document Type: Site Documents **Document Date:** 1/26/2011
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Submitted By: RAMESH SUNDARESWARAN (REGULATOR)
Title: 5-YEAR REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6391930

Document Type: Site Documents **Document Date:** 5/18/2010
Type: LETTER - NOTICE **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: STAFF REASSIGNMENT LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6051772

Document Type: Monitoring Reports **Document Date:** 11/20/2015
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: WELL INSTALLATION AND SEMI-ANNUAL GROUNDWATER MONITORING REPORT - WELL INSTALLATION AND SEMIANNUAL GMR, SECOND HALF 2015 COMMENTS_121115 - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/3880995035/Well%20Installation%20and%20Monitoring%20Report%5FComments%5F121115%2Epdf

Document Type: Site Documents **Document Date:** 2/22/2022
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: EMAIL TO JIB REQUESTING SITE ASSESSMENT STATUS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6491059

Document Type: Site Documents **Document Date:** 1/27/2017
Type: VERBAL COMMUNICATION **Submitted:**
Submitted By: CHARLES CHENG (REGULATOR)
Title: FOLLOWED UP WITH MR. BOYETT OF JIB, HE WAS REASSIGNED TO A DIFFERENT REGION. MS. SABRINA WRIGHT (619-840-6713, CELL) IS THE NEW REGIONAL CONTACT FOR JIB. I SPOKE WITH HER AND FORWARDED THE EMAIL TO HER. SHE WILL PASS THE INFO TO LEGAL TEAM AND RESPOND TO ME LATER.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6309928

Document Type: Site Documents **Document Date:** 1/13/2017
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: CHARLES CHENG (REGULATOR)
Title: COMMUNICATION WITH SB CF FOR POSSIBLE SUCCESSOR CLAIMANT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6308588

Document Type: Site Documents **Document Date:** 6/30/2015
Type: CORRESPONDENCE **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: RESPONSE TO COMMENTS ON WELL INSTALLATION WORK PLAN - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=5843545

Document Type: Site Documents **Document Date:** 8/7/2012
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: RESPONSE TO NOR REISSUE - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=5754095

Document Type: Site Documents **Document Date:** 1/25/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: OFFICE HEARING RESULTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6109625

Document Type: Site Documents **Document Date:** 12/4/1998
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT **Submitted:**
Submitted By: SEAN MCCLAIN (REGULATOR)
Title: COUNTY OF SAN DIEGO UNDERGROUND STORAGE TANK REMOVAL - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=6008868

Document Type: Site Documents **Document Date:** 5/5/2015

Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: WORK PLAN TO INSTALL OFF-SITE GROUNDWATER MONITORING WELLS - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=5843544

Document Type: Site Documents **Document Date:** 7/12/2012
Type: NOTICE OF RESPONSIBILITY **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: NOTICE OF RESPONSIBILITY/REISSUE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6129904

Document Type: Site Documents **Document Date:** 5/9/2011
Type: LETTER - NOTICE **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: PAST DUE NOTICE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6088114

Document Type: Site Documents **Document Date:** 3/17/2008
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: KEITH ETCHELLS (AUTH_RP)
Title: 01203526.04 RPT. OF GW AND SOIL SAMPLING **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2487200677/T0607302590.PDF

Document Type: Site Documents **Document Date:** 5/17/2022
Type: WELL INSTALLATION WORKPLAN **Submitted:**
Submitted By: SASHA SMIRENSKY (REGULATOR)
Title: REVISED WORK PLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=6074618

Document Type: Site Documents **Document Date:** 10/16/2014
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: (REGULATOR)
Title: COMPLETE CASE TRANSFER FROM DEH TO RWQCB - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=5819357

Document Type: Site Documents **Document Date:** 1/10/2011
Type: FILE REVIEW **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: 5-YEAR REVIEW & RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6073997

Document Type: Monitoring Reports **Document Date:** 11/17/2015
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Submitted By: ARDENT ENVIRONMENTAL (AUTH_RP)
Title: MW INSTALLATION & GWMR 2ND HALF 2015 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8039727389/T0607302590.PDF

Document Type: Site Documents **Document Date:** 7/5/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: CHARLES CHENG (REGULATOR)
Title: EMAIL COMMUNICATION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6363189

Document Type: Site Documents **Document Date:** 3/12/2015
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: WORKPLAN TO CONDUCT ADDITIONAL SUBSURFACE SITE ASSESSMENT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&document_id=5833863

Document Type: Site Documents **Document Date:** 4/12/2012
Type: CLEAN UP FUND - CASE CLOSURE **Submitted:**

REVIEW SUMMARY REPORT (RSR)
Submitted By: LAURIE APECECHEA (REGULATOR), RAMESH SUNDARESWARAN (REGULATOR)
Title: 2ND 5-YEAR REVIEW **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6393903

Document Type: Site Documents **Document Date:** 12/29/2011
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: OFFICE HEARING LETTER **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607302590&enforcement_id=6107353

Document Type: Monitoring Reports **Document Date:** 3/12/2015
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: SARAH MEARON (REGULATOR)
Title: GROUNDWATER MONITORING REPORT - MARCH 2015 GW MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4899702310/March%202015%20GW%20Report%2Epdf

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Identifier: T0608164049
Project Name: OPTIMA CAR WASH
Status: COMPLETED - CASE CLOSED
Address: 498 BROADWAY
City: CHULA VISTA
Association: Related Global ID
Description: 1991 tank integrity failure
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608164049

Identifier: T0608118503
Project Name: OPTIMA CAR WASH
Status: COMPLETED - CASE CLOSED
Address: 498 BROADWAY
City: CHULA VISTA
Association: Related Global ID
Description: 1986 tank integrity failure
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608118503

96	7 of 9	E	0.41 / 2,181.57	40.49 / 22	**OPTIMA CAR WASH** **498 BROADWAY, CHULA VISTA, CA 91910** **CHULA VISTA CA**	**LOP** **SANDIEGO**

SWRCB Global ID: T0608118503 **Parcel No:** 567-200-39-00
Record ID: DEH1986-LSAM-H05368-001 **Census Tract:** 125.01
Record Status: Completed **Zip Code 2:** 91910
Opened Date: 8/28/1986 **Community:** Chula Vista
Case Type: FIT - Failed Integrity Test **Jurisdiction:** CHULA VISTA
Historical Name: H ST AUTO WASH **Watershed Basin No:** 909.12
Lead Agency: DEH/SAM **Latitude GS 84:** 32.6311871
Lead Agency Date: 8/28/1986 **Longitude GS 84:** -117.0900811
Funding: N - Non-Billable **X Map Coord:** 6303018.163
Fire Agency: CHULA VISTA **Y Map Coord:** 1810492.852
Water Purveyor: CHULA VISTA
File Case Type: FAILED INTEGRITY TESTS (CLOSED)

96	8 of 9	E	0.41 / 2,181.57	40.49 / 22	**OPTIMA CAR WASH** **498 BROADWAY, CHULA VISTA, CA 91910** **CHULA VISTA CA**	**LOP** **SANDIEGO**

SWRCB Global ID: T0608164049 **Parcel No:** 567-200-39-00
Record ID: DEH1991-LSAM-H05368-002 **Census Tract:** 125.01

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	11/12/1991	**Community:**	Chula Vista
Case Type:	FIT - Failed Integrity Test	**Jurisdiction:**	CHULA VISTA
Historical Name:	H STREET CAR WASH	**Watershed Basin No:**	909.12
Lead Agency:	DEH/SAM	**Latitude GS 84:**	32.6311871
Lead Agency Date:	11/14/1991	**Longitude GS 84:**	-117.0900811
Funding:	N - Non-Billable	**X Map Coord:**	6303018.163
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1810492.852
Water Purveyor:	CHULA VISTA		
File Case Type:	FAILED INTEGRITY TESTS (CLOSED)		

96	9 of 9	E	0.41 / 2,181.57	40.49 / 22	**OPTIMA CAR WASH** **498 BROADWAY, CHULA VISTA, CA 91910** **CHULA VISTA CA**	**LOP** **SANDIEGO**

SWRCB Global ID:	T0607302590	**Parcel No:**	567-200-39-00
Record ID:	DEH1998-LSAM-H05368-003	**Census Tract:**	125.01
Record Status:	Completed	**Zip Code 2:**	91910
Opened Date:	12/4/1998	**Community:**	Chula Vista
Case Type:	LOP - Local Oversight Program	**Jurisdiction:**	CHULA VISTA
Historical Name:	H STREET CAR WASH	**Watershed Basin No:**	909.12
Lead Agency:	RWQCB	**Latitude GS 84:**	32.6311871
Lead Agency Date:	1/23/2013	**Longitude GS 84:**	-117.0900811
Funding:	S - LOP State Fund	**X Map Coord:**	6303018.16275341
Fire Agency:	CHULA VISTA	**Y Map Coord:**	1810492.85155231
Water Purveyor:	SOUTH BAY IRRIGATION LAND		
File Case Type:	CLOSED OR TRANSFERRED LOP CASES		

97	1 of 1	NNE	0.42 / 2,226.04	46.38 / 28	**E STREET PLAZA SHOPPING CENTER** **640-692 E STREET** **CHULA VISTA CA 91910**	**ENVIROSTOR**

Estor/EPA ID:	60001334	**Assembly District:**	80
Site Code:	401482	**Senate District:**	40
Nat Priority List:	NO	**Permit Renewal Lead:**	
APN:	5670320600, 5670320800	**Public Partici Spclst:**	
Census Tract:	6073012502	**Project Manager:**	GREGORY SHAFFER
Site Type:	TIERED PERMIT	**County:**	SAN DIEGO
Address Description:	640-692 E STREET	**Latitude:**	32.6399414157343
Office:	CLEANUP CYPRESS	**Longitude:**	-117.095959649143
Special Program:		**Acres:**	3.4 ACRES
Funding:	RESPONSIBLE PARTY	**Supervisor:**	MARYAM TASNIF-ABBASI
Cleanup Status:	ACTIVE AS OF 9/21/2009		
Cleanup Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY		
School District:			
Past Use that Caused Contam:	DRY CLEANING		
Potential Media Affected:	INDOOR AIR, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR		
Potential Contamin of Concern:			

TETRACHLOROETHYLENE (PCE)

Site History:

Site Description – The 3.4-acre site is a multi-tenant retail property located at 640-692 E Street, Chula Vista. It is bordered by E Street to the north, commercial property at 632 E Street to the east, Woodlawn Colonial Apartments at 245 Woodlawn Avenue to the south, and Woodlawn Avenue to the west. The site is developed with four detached buildings and associated parking. Eldorado Cleaners and Drive-In Cleaners were located in two of the units at the site. Both Eldorado Cleaners and Drive-In Cleaners (dba Coast Cleaners) were known to use tetrachloroethylene (PCE). It is believed, PCE came into contact with soil and groundwater during the time Eldorado Cleaners and Drive-In Cleaners operated at the site.

Contamination – Chlorinated volatile organic compounds including PCE and its degradation products were detected in soil, soil vapor, groundwater, and air inside some of the retail facilities and at the Woodlawn Colonial Apartments.

Work Done to Date - Several investigations were conducted at the site under the San Diego County oversight. San Diego County CUPA referred the site

to DTSC for further investigation and remediation. On September 21, 2009, the Proponents entered into an agreement with the DTSC to further evaluate the extent of the contamination and implement mitigation measures to protect human health and the environment. DTSC circulated for public comment and subsequently approved an Interim Measures (IM) Workplan, soil vapor extraction (SVE), to address the soil vapor intrusion issues at the E Street Plaza property and on the adjoining Woodlawn Colonial property. SVE system is operating at the site since September 2011. The SVE system has been effectively removing VOCs from the subsurface. Based on the results of the December 2011 and April 2012 indoor air monitoring results, indoor air is no longer a health and safety risk. Based on the February 2016 monitoring report, with the exception of SHEW-1, VOCs in the vapor extraction wells have remained below 1.0 ppm during the previous six months. In parallel, an In Situ Chemical Oxidation (ISCO) pilot study was conducted at the Woodlawn Colonial Apartment property to address groundwater contamination and develop a path to completion of the remediation at the Woodlawn Colonial Apartment Site. Since the ISCO has been implemented, groundwater below the Woodlawn Colonial Apartment property remains below MCL for all VOCs. Groundwater monitoring results indicate that "the size of the dissolved PCE plume has been reduced significantly since 2004, and concentrations have decreased significantly (many 1-2 orders of magnitude) in the majority of wells" at E Street Plaza. The highest PCE concentration was detected in the groundwater sample collected from MW-10 (5,200 ug/L), located hydraulically downgradient of the former Coast Cleaners dry cleaner suite. Cyclical SVE system operation and rebound testing is continuing at the E Street.

Current Status – The Proponent proposed additional investigation, ISCO pilot test for groundwater, and SVE system optimizations to further reduce PCE levels in groundwater and soil gas levels to achieve the preliminary remediation goals for the site and ensure it is no longer a threat to site occupants and residents of neighboring properties. ISCO injections were implemented in October 2020 and continue to be monitored. The Proponent plans to submit an ISCO Pilot Study Report, SVE Interim Measure Report, a Vapor Intrusion Study using Radon gas, and a Conceptual Site Model and Limited Corrective Measures Study to propose a final remedy for soil vapor by mid-2021 while also evaluating ISCO effectiveness in groundwater.

Status: ACTIVE
Program Type: TIERED PERMIT
CalEnviroScreen Score: 85-90%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001334

Future Activities

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Corrective Measures Study Report
Due Date: 2023

Completed Activities

Title: 2018 Annual GW & SVE Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60376269
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/18/2018
Comments:

Title: 2016 (1st) Annual GW Monitoring & SVE Rebound Testing
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 2/25/2016
Comments: Completed

Title: 2014 (2d) Semi-Annual GW & Rebound Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60366193
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/27/2015
Comments:

Title: 2d Quarter 2012 SVE Monitoring Report
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Soil Vapor Extraction Monitoring Report
Date Completed: 10/5/2012
Comments: Completed

Title: E Street ISCO Injection Pilot Study Field Oversight
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/5/2020
Comments:

Title: 2018 Semi-Annual Groundwater and SVE Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60437132
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 2/4/2019
Comments: Going forward, GSU recommends gauging all groundwater monitoring wells for each monitoring event so that a groundwater contour map can be generated from the data.

Title: 2017 Annual GW & SVE Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60376103
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 5/10/2017
Comments:

Title: 2016 Second GW Monitoring & SVE Rebound Testing Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60411528
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 1/26/2017
Comments:

Title: Technical Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60403873
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 12/16/2015
Comments:

Title: In-Situ Groundwater Pilot Test Workplan for Woodlawn Colonial Property
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60330100
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot Study/Treatability Workplan
Date Completed: 1/7/2014

Comments: Completed

Title: Public Comments for IM WP
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60261928
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: *Correspondence - Received
Date Completed: 2/8/2011
Comments:

Title: Annual 2020 and 1SA2021 SVE Status and Groundwater Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60486957
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 11/4/2021
Comments:

Title: Targeted Soil Excavations Summary Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60491365
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 2/3/2021
Comments:

Title: Annual Cost Estimate - FY 2020-2021
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60448064
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 12/8/2020
Comments:

Title: Estimation Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60448063
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 11/29/2018
Comments: Completed

Title: 2017 (2d) Semi-Annual GW & SVE Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60430552
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 11/6/2017
Comments:

Title: 2015 Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60402810
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate

Date Completed: 10/10/2015
Comments:

Title: 2014 Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60385937
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 11/13/2014
Comments: Completed

Title: 2014 (2d) Semi-Annual GW Monitoring
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 9/23/2014
Comments: Completed

Title: August 2013 SVE Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60319103
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Soil Vapor Extraction Monitoring Report
Date Completed: 9/26/2013
Comments:

Title: Sewer Lateral Soil Vapor Survey & Soil Excavation Plan & New Nested Soil Vapor Probes & Groundwater Monitoring Wells Installation & Base Line Sampling Report & Refined ISCO
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60437128
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 6/18/2019
Comments:

Title: Additional Site Characterization, Updated Remedial Measures, and ISCO Pilot Study Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60434101
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot Study/Treatability Workplan
Date Completed: 11/15/2017
Comments:

Title: 401482 Dispute of Charges
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60436330
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 9/28/2017
Comments: Completed

Title: 2016 Cost Estimate Letter
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60412357
Area Name:
Area Link:
Sub Area:

Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/19/2016
Comments: Completed

Title: 2015 (2d) Semi-Annual GW Monitoring and SVE Rebound Testing Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60366232
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 10/28/2015
Comments:

Title: Technical Memorandum Presenting Updated RBCs Calculated Using Site-Specific Soil Physical Parameter Data and Methods Requested by DTSC.
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 4/14/2015
Comments: Completed

Title: Rebound Testing
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60366197
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 2/25/2015
Comments:

Title: work notice
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60348309
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Work Notice
Date Completed: 2/25/2014
Comments:

Title: Groundwater Injection Test Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60323664
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot Study/Treatability Workplan
Date Completed: 8/8/2013
Comments: Completed

Title: CEQA Notice of Exemption
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60262427
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: CEQA - Notice of Exemption
Date Completed: 2/9/2011
Comments: Completed

Title: Annual Oversight Cost estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60257184
Area Name:

Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/29/2010
Comments: Completed

Title: 2019 Sem-Annual and1Q2020 SVE Status and Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60478536
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 6/10/2020
Comments: Completed

Title: ISCO Pilot, Soil Excavation & Horizontal SVE Installation Field Work
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60437229
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 11/19/2018
Comments:

Title: Groundwater Wells Construction Specs
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60412423
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 7/28/2016
Comments: Completed

Title: 2015 (1st) Semi-Annual GW Monitoring and Rebound Testing Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60366223
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 4/28/2015
Comments: Completed

Title: Injection Testing
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/15/2013
Comments: Field work completed.

Title: 2013/2014 Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60330315
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 7/30/2013
Comments: Completed

Title: 2012/2013 Annual Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60310487

Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/12/2012
Comments:

Title: 1st Quarter 2012 SVE Progress Report.
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60298267
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Soil Vapor Extraction Monitoring Report
Date Completed: 7/9/2012
Comments:

Title: Monitoring
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 10/7/2007
Comments: Completed

Title: 2017-2018 Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60438650
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 1/12/2017
Comments: Completed

Title: 2016 (1st) Annual GW Monitoring & SVE Rebound Testing Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60376101
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 4/6/2016
Comments:

Title: 2015 (2d) Semi-Annual GW Monitoring
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 7/16/2015
Comments: Completed

Title: 3Q14 ISCO Pilot Study GW Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60385666
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Pilot/Treatability Study Report
Date Completed: 1/5/2015
Comments:

Title: Implement Pilot

Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 4/4/2014
Comments: Completed

Title: Field work
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Fieldwork
Date Completed: 3/16/2017
Comments: Completed

Title: 4thQuarter 2012 Monitoring Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60311709
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Soil Vapor Extraction Monitoring Report
Date Completed: 3/20/2013
Comments:

Title: Additional onsite characterization; offsite vapor, groundwater, and indoor air sampling; and December SVE progress report.
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60291577
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Report
Date Completed: 4/2/2012
Comments:

Title: Interim Measures Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60253533
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Interim Measures Workplan
Date Completed: 2/10/2011
Comments:

Title: Project Management
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Project Management
Date Completed: 6/30/2021
Comments:

Title: Sewer Line Excavation Field Oversight
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Oversight
Date Completed: 5/5/2020
Comments: GSB staff completed field oversight on 5/5/2020 during sewer line excavations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: site specific soil physical parameters at the site
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60382527
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Report
Date Completed: 1/5/2015
Comments:

Title: March 2014 SVE Monitoring & Injection Completion Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60330116
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Monitoring Report
Date Completed: 5/27/2014
Comments:

Title: SVE Noise Abatement
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 2/24/2012
Comments: Completed

Title: Additional Investigation Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&doc_id=60282407
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Supplemental Site Investigation Workplan
Date Completed: 11/10/2011
Comments:

Title: 2011/2012 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60282513
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/27/2011
Comments: Completed

Title: Facility Initiated Corrective Action Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001334&enforcement_id=60253525
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Consent Agreement
Date Completed: 9/21/2009
Comments: Agreement Fully Executed.

98	1 of 1	E	0.43 / 2,275.12	38.81 / 20	**PEP BOYS #651** **454 BROADWAY** **CHULA VISTA CA 91910**	**C&D** **DEBRIS RECY**

County: SAN DIEGO

Activity Type: USED OIL COLLECTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Phone No:						
99	1 of 1	S	0.44 / 2,311.19	9.57 / -9	CA	PFAS GW

Well ID: SL209294204-PMW119(UB)
Gm Dataset Name: WB_CLEANUP
Gm Data Source: GeoTracker
Gm Well Category: MONITORING
SRS Datum: NAD83
Gm Altwell Id1: PMW119(UB)
Gm Altwell Id2:
Gm Altwell Id3:

SRS Latitude: 32.622458999999999
SRS Longitude: -117.09739449999999
Latitude: 32.622458999999999
Longitude: -117.09739449999999

Well Details

Gm Cas No:
Gm Result: 7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctane sulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU

SRC Chemical: PFOSA
SRC Result: 7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFNS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorononanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU

SRC Chemical: PFNS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 27
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35

SRC Chemical: PFOA
SRC Result: 27
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: .86
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFUNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroundecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: J,DX,BU
SRC Chemical: PFUNDCA
SRC Result: .86
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU
SRC Chemical: ETFOSA
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .93
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: MEFOSA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Methylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:
SRC Chemical: MEFOSA
SRC Result: .93
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	12	***SRC Result:***	12
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTEDA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTEDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFNS
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFNS	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorononanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSA
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	11	**SRC Result:**	11
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFHA
Gm Result:	20	**SRC Result:**	20
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFNA
Gm Result:	6.5	**SRC Result:**	6.5
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		

SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: 1.9
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 6:2FTS
Gm Reporting Limit: 4.8
Gm Well Depth Ft:
Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU
SRC Chemical: 6:2FTS
SRC Result: 1.9
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .93
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ETFOSA
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: N-Ethylperfluorooctanesulfonamide
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:
SRC Chemical: ETFOSA
SRC Result: .93
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 2.8
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:
SRC Chemical: PFHXSA
SRC Result: 2.8
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .85
SRC Chemical: PFHPSA
SRC Result: .85

Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	ETFOSE
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ETFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	NETFOSAA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NETFOSAA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHA
Gm Result:	32	***SRC Result:***	32
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		

Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: 69
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoropentanoicacid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU

SRC Chemical: PFPA
SRC Result: 69
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .93
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 10:2FTS
Gm Reporting Limit: 4.7
Gm Well Depth Ft:
Gm Chemical Name: 10:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: LR

SRC Chemical: 10:2FTS
SRC Result: .93
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 4.7
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 52
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFHPA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluoroheptanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU

SRC Chemical: PFHPA
SRC Result: 52
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	6:2FTS
Gm Result:	1.9	***SRC Result:***	1.9
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	6:2FTS	***SRC Report Limit:***	4.7
Gm Reporting Limit:	4.7	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 6:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.93	***SRC Result:***	.93
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: N-Methylperfluorooctanesulfonamide ethanol
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	HFPA-DA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	HFPA-DA	***SRC Report Limit:***	2.8
Gm Reporting Limit:	2.8	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	

Gm Chemical Name: 2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:

Well Details

Gm Cas No:		***SRC Chemical:***	PFBTA
Gm Result:	25	***SRC Result:***	25
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFBTA	***SRC Report Limit:***	4.8
Gm Reporting Limit:	4.8	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFDSA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFNDCA
Gm Result:	2.4	**SRC Result:**	2.4
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	HFPA-DA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	HFPA-DA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		

SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU

Well Details

Gm Cas No:
Gm Result: 1.6
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: J,DX,BU
SRC Chemical: PFBSA
SRC Result: 1.6
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .93
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFODA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: LR,RB
SRC Chemical: PFODA
SRC Result: .93
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .93
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFHXDA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: Perfluorohexadecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: LR
SRC Chemical: PFHXDA
SRC Result: .93
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 15
SRC Chemical: PFOA
SRC Result: 15

Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFTRIDA
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFDOA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFDOA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorododecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		**SRC Chemical:**	ETFOSE
Gm Result:	.93	**SRC Result:**	.93
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	ETFOSE	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		

Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU
SRC Chemical: 4:2FTS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: NETFOSAA
Gm Reporting Limit: 2.8
Gm Well Depth Ft:
Gm Chemical Name: N-Ethyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:
SRC Chemical: NETFOSAA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.8
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: ADONA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4,8-Dioxa-3H-perfluorononanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU
SRC Chemical: ADONA
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	ADONA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	ADONA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFTRIDA
Gm Result:	.48	***SRC Result:***	.48
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFTRIDA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFDSA
Gm Result:	.47	***SRC Result:***	.47
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFDSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorodecanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXSA
Gm Result:	5.5	***SRC Result:***	5.5
Gm Result Modifier:	=	***SRC Result Modifie:***	=
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.85	**SRC Result:**	.85
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		**SRC Chemical:**	11ClPF3OUDS
Gm Result:	.47	**SRC Result:**	.47
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	NMEFOSAA
Gm Result:	1.1	**SRC Result:**	1.1
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NMEFOSAA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		

SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: J,DX,BU

Well Details

Gm Cas No:
Gm Result: .96
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 8:2FTS
Gm Reporting Limit: 2.9
Gm Well Depth Ft:
Gm Chemical Name: 8:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU

SRC Chemical: 8:2FTS
SRC Result: .96
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 2.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 52
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFOS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorooctanoic sulfonate
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:

SRC Chemical: PFOS
SRC Result: 52
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .84
Gm Result Modifier: ND
Gm Result Units: NG/L
Gm Chemical Vvl: PFBSA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorobutanesulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: J,DX

SRC Chemical: PFBSA
SRC Result: .84
SRC Result Modifie: ND
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 4.4

SRC Chemical: PFOSA
SRC Result: 4.4

Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOSA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctane sulfonamide		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:			

Well Details

Gm Cas No:		**SRC Chemical:**	PFHPA
Gm Result:	31	**SRC Result:**	31
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	LR		

Well Details

Gm Cas No:		**SRC Chemical:**	PFODA
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFODA	**SRC Report Limit:**	2.9
Gm Reporting Limit:	2.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	8:2FTS
Gm Result:	.93	**SRC Result:**	.93
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	8:2FTS	**SRC Report Limit:**	2.8
Gm Reporting Limit:	2.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	8:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		

Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: PFDOA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:
SRC Chemical: PFDOA
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:
SRC Chemical: 9ClPF3ONS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: 3.7
Gm Result Modifier: =
Gm Result Units: NG/L
Gm Chemical Vvl: PFNDCA
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: Perfluorodecanoic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU
SRC Chemical: PFNDCA
SRC Result: 3.7
SRC Result Modifie: =
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:		***SRC Chemical:***	NMEFOSAA
Gm Result:	.82	***SRC Result:***	.82
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	NMEFOSAA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHPSA
Gm Result:	1.3	***SRC Result:***	1.3
Gm Result Modifier:	ND	***SRC Result Modifie:***	ND
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHPSA	***SRC Report Limit:***	1.9
Gm Reporting Limit:	1.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluoroheptanesulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	J,DX,BU		

Well Details

Gm Cas No:		***SRC Chemical:***	PFHXDA
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	PFHXDA	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS
Gm Well Depth Ft:		***SRC Well Depth Ft:***	
Gm Chemical Name:	Perfluorohexadecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		***SRC Chemical:***	MEFOSE
Gm Result:	.96	***SRC Result:***	.96
Gm Result Modifier:	<	***SRC Result Modifie:***	<
Gm Result Units:	NG/L	***SRC Result Units:***	NG/L
Gm Chemical Vvl:	MEFOSE	***SRC Report Limit:***	2.9
Gm Reporting Limit:	2.9	***SRC Analytic Meth:***	QSMPFAS

Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Methylperfluorooctanesulfonamide ethanol		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPES
Gm Result:	.53	**SRC Result:**	.53
Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPES	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanesulfonoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	PFTEDA
Gm Result:	.48	**SRC Result:**	.48
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFPA
Gm Result:	41	**SRC Result:**	41
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFPA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoropentanoicacid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		

SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 9ClPF3ONS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU
SRC Chemical: 9ClPF3ONS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .48
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 11ClPF3OUDS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note: BU
SRC Chemical: 11ClPF3OUDS
SRC Result: .48
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .47
Gm Result Modifier: <
Gm Result Units: NG/L
Gm Chemical Vvl: 4:2FTS
Gm Reporting Limit: 1.9
Gm Well Depth Ft:
Gm Chemical Name: 4:2 Fluorotelomer sulfonic acid
Gm Samp Collection Date: 01/04/2022
Gm Screen Top Depth Ft: 37.35
Gm Screen Bottom Depth Ft: 47.35
SRC Samp Collection Date: 01/04/2022
SRC Samp Collection Time: 1010
SRC Screen Top Depth Ft: 37.35
SRC Screen Bottom Depth Ft: 47.35
SRC Lab Note:
SRC Chemical: 4:2FTS
SRC Result: .47
SRC Result Modifie: <
SRC Result Units: NG/L
SRC Report Limit: 1.9
SRC Analytic Meth: QSMPFAS
SRC Well Depth Ft:

Well Details

Gm Cas No:
Gm Result: .56
SRC Chemical: PFUNDCA
SRC Result: .56

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Gm Result Modifier:	ND	**SRC Result Modifie:**	ND
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	J,DX		

Well Details

Gm Cas No:		**SRC Chemical:**	10:2FTS
Gm Result:	.96	**SRC Result:**	.96
Gm Result Modifier:	<	**SRC Result Modifie:**	<
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	10:2FTS	**SRC Report Limit:**	4.8
Gm Reporting Limit:	4.8	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	10:2 Fluorotelomer sulfonic acid		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU		

Well Details

Gm Cas No:		**SRC Chemical:**	PFOS
Gm Result:	91	**SRC Result:**	91
Gm Result Modifier:	=	**SRC Result Modifie:**	=
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	1.9
Gm Reporting Limit:	1.9	**SRC Analytic Meth:**	QSMPFAS
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	01/04/2022		
Gm Screen Top Depth Ft:	37.35		
Gm Screen Bottom Depth Ft:	47.35		
SRC Samp Collection Date:	01/04/2022		
SRC Samp Collection Time:	1010		
SRC Screen Top Depth Ft:	37.35		
SRC Screen Bottom Depth Ft:	47.35		
SRC Lab Note:	BU,MB		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
100	1 of 5	W	0.44 / 2,316.95	13.41 / -5	SOUTH BAY BOAT YARD 997 G CHULA VISTA CA 92010	CERCLIS

Site ID:	0904774	**RNPL Status Code:**	N
Site EPA ID:	CAD983658451	**NPL Status:**	Not on the NPL
Site Street Address 2:		**RFED Facility Code:**	N
Site County Name:	SAN DIEGO	**RFED Facility Desc:**	Not a Federal Facility
Site FIPS Code:	06073	**USGS Hydro Unit No.:**	18070304
Region Code:	09	**Site Cong. Dist. Code:**	44
Site SMSA No.:	7320	**ROT Desc:**	Private
Site Prim. Latitude:	32D38M48S	**FR NPL Update No.:**	
Site Prim. Longitude:	117D03M06S	**RFRA Code:**	

Lat Long Source:
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	
Act Code ID:		***Act Start Date:***	
RAT Code:		***Act Complete Date:***	
RAT Short Name:		***AGT Order No.:***	0
RAT Name:		***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:		***SH Seq:***	
RAT Level:		***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:			
RAT Def:			

Site Desc: No description available
.
Site Alias: No alias data available

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	PA	***Act Complete Date:***	10/5/1993 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA In-House
Act Code ID:	001	***Act Start Date:***	
RAT Code:	VS	***Act Complete Date:***	10/5/1993 00:00:00
RAT Short Name:	ARCH SITE	***AGT Order No.:***	1500
RAT Name:	ARCHIVE SITE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	DS	***Act Complete Date:***	2/8/1993 00:00:00
RAT Short Name:	DISCVRY	***AGT Order No.:***	10
RAT Name:	DISCOVERY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RAT NSI Indicator:	B	**SH Seq:**	
RAT Level:	1	**SH Start Date:**	
RAT DEF OU:	00	**SH Complete Date:**	
RFBS Code:		**SH Lead:**	
SPA Code:	13		
RAT Def:	The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.		
Site Desc:			
Site Alias:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
100	2 of 5	W	0.44 / 2,316.95	13.41 / -5	SOUTH BAY BOAT YARD 997 G CHULA VISTA CA 92010	CERCLIS NFRAP

Site ID:	904774	**Site FIPS Code:**	6073
Site EPA ID:	CAD983658451	**Region Code:**	9
Site Parent ID:		**Site Cong. Dist. Code:**	44
Site County Name:	SAN DIEGO	**Federal Facility:**	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	10/5/1993
RAT Code:	VS	**AGT Order No.:**	1500
RAT Short Name:	ARCH SITE	**SH OU:**	
RAT Name:	ARCHIVE SITE	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:		**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	
RALT Short Name:	EPA In-House	**RNPL Status Code:**	N
RAT Def:	The decision is made that no further activity is planned at the site.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	10/5/1993
RAT Code:	PA	**AGT Order No.:**	130
RAT Short Name:	PA	**SH OU:**	
RAT Name:	PRELIMINARY ASSESSMENT	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	
RAT DEF OU:	00	**SH Lead:**	
RFBS Code:	P	**SH Qual:**	
SPA Code:	13	**RAQ Act. Qual Short:**	NFRAP
RALT Short Name:	EPA Fund	**RNPL Status Code:**	N
RAT Def:	Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.		
RNON NPL Status Desc:	NFRAP-Site does not qualify for the NPL based on existing information		

CERCLIS-NFRAP Assess History

OU ID:	0	**Act Start Date:**	
Act Code ID:	1	**Act Complete Date:**	2/8/1993
RAT Code:	DS	**AGT Order No.:**	10
RAT Short Name:	DISCVRY	**SH OU:**	
RAT Name:	DISCOVERY	**SH Code:**	
RAT Hist. Only Flag:		**SH Seq:**	
RAT NSI Indicator:	B	**SH Start Date:**	
RAT Level:	1	**SH Complete Date:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RAT DEF OU: 00
SH Lead:
RFBS Code:
SH Qual:
SPA Code: 13
RAQ Act. Qual Short:
RALT Short Name: EPA Fund
RNPL Status Code: N
RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.
RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

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100 | **3 of 5** | **W** | **0.44 / 2,316.95** | **13.41 / -5** | **SOUTH BAY BOAT YARD**
997 G
CHULA VISTA CA 92010
SEMS ARCHIVE

Site ID: 0904774
FIPS Code: 06073
EPA ID: CAD983658451
Cong District: 44
Superfund Alt Agmt: No
Region: 09
Federal Facility: No
County: SAN DIEGO
FF Docket: No
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Action Information

Operable Units: 00
Start Actual:
Action Code: PA
Finish Actual: 10/05/1993
Action Name: PA
Qual: N
SEQ: 1
Curr Action Lead: EPA Perf

Operable Units: 00
Start Actual:
Action Code: VS
Finish Actual: 10/05/1993
Action Name: ARCH SITE
Qual:
SEQ: 1
Curr Action Lead: EPA Perf In-Hse

Operable Units: 00
Start Actual: 02/08/1993
Action Code: DS
Finish Actual: 02/08/1993
Action Name: DISCVRY
Qual:
SEQ: 1
Curr Action Lead: EPA Perf

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100 | **4 of 5** | **W** | **0.44 / 2,316.95** | **13.41 / -5** | **THE MARINE GROUP, LLC**
997 G STREET
CHULA VISTA CA 91910
CLEANUP SITES

Global ID: T10000008876
Latitude: 32.63091
County: SAN DIEGO
Longitude: -117.10629
Status Date: 5/5/2016
Status: OPEN - INACTIVE
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 3100109
Local Case No:
Begin Date: 5/5/2016
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Polychlorinated biphenyls (PCBs), Other Metal, Diesel, Polynuclear aromatic hydrocarbons (PAHs)
How Discovered:
Stop Method:
Stop Description:
Case Worker: UNA
Military DoD Site: No

Leak Reported Dt:
No Further Action Dt:
Potential Media of Concern: Contaminated Surface / Structure, Sediments, Soil, Surface water, Under Investigation
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source:
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
File Location: All Files are on GeoTracker or in the Local Agency Database
Site History:

Facility and offshore sediments need to be assessed.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Inactive
Status Date: 2016-05-05 00:00:00

Status: Open - Case Begin Date
Status Date: 2016-05-05 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: Unassigned
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email:
Phone No: 6195161990

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000008876
Cleanup Status Detail: OPEN - INACTIVE AS OF 5/5/2016
Potential COC: DIESEL, OTHER METAL, POLYCHLORINATED BIPHENYLS (PCBS), POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)
Potential Media of Concern: CONTAMINATED SURFACE / STRUCTURE, SEDIMENTS, SOIL, SURFACE WATER, UNDER INVESTIGATION
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 3100109
CASEWORKER: Unassigned
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?

global_id=T10000008876&tabname=regulatoryhistory

Site History:

Facility and offshore sediments need to be assessed.

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Inactive
Date: 5/5/2016

Status: Open - Case Begin Date
Date: 5/5/2016

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100 | ***5 of 5*** | ***W*** | ***0.44 / 2,316.95*** | ***13.41 / -5*** | ***MARINE GROUP BOAT WORKS LLC***
997 G ST
CHULA VISTA CA 919103414 | ***HAZ TSD***

EPA ID: CAL000017529
Facility Street2:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAL000017529
Facility County: 37
County: San Diego

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101 | ***1 of 3*** | ***ENE*** | ***0.45 / 2,365.18*** | ***42.81 / 24*** | ***BIG O TIRES #629***
399 BROADWAY
Chula Vista CA | ***SAM SANDIEGO***

Record ID: DEH1988-LSAM-H28017-001
Record ID (DEH): DEH1988-LSAM-H28017-001
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 1304
Object ID: 1303
SWRCB Global ID: T0607303207
Feature ID: 5670902500
Parcel No: 567-090-25-00
Case No: H28017-001
H No: H28017
KIVA per Tp per No: 6SAM H28017
Status: Completed
Record Status: Completed
Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 06/15/1988
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type: ALIAS
City: CHULA VISTA
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD
Project Name: BIG O TIRES #629
Address: 399 BROADWAY, CHULA VISTA CA 91910
Historical Name: TOWN & COUNTRY KAWASAKI
Record Name: BIG O TIRES #629
Street String: 399 BROADWAY
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Completed - Case Closed
Case Type: LOP - Local Oversight Program
Funding: S - LOP State Fund
BOS District: 1
Lead Agency: DEH/SAM
Lead Agcy Date: 6/29/1988, 8:00 PM
Opened Date: 6/14/1988, 8:00 PM
ThomasBros Map Gd: 1310 A 7
Jurisdiction: CHULA VISTA
Census Tract: 125.01
Watershed Basin: 909.12
GT Global ID: T0607303207
GT RB Case No: 9UT973
GT Status Date:
GT Case Type: LUST Cleanup Site
GT Lead Agency: SAN DIEGO COUNTY LOP
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.634785
GT Longitude: -117.090531
Latitude GS84: 32.6345045
Longitude GS84: -117.09128
Point X: 6302676.63008723
Point Y: 1811698.49994723
X: 6302661.239
Y: 1811694.73
X1: -117.09123855905816
Y1: 32.63453538043331

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Geo SRC: Mapped to XY from previous SAM Layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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101 **2 of 3** **ENE** **0.45 / 2,365.18** **42.81 / 24** **BIG O TIRES #629**
399 BROADWAY
CHULA VISTA CA 919103523 **LUST**

Global ID: T0607303207
Status Date: 9/12/1988
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED
Census Tract: 6073012700
Match Key: T0607303207
County: SAN DIEGO
Latitude: 32.634785
Longitude: -117.090531

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: NO
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker:
Local Agency:
RB Case No: 9UT973
Local Case No: H28017-001
File Location: Local Agency
Potential COC: Waste Oil / Motor / Hydraulic / Lubricating
Potential Media of Concern: Soil
Begin Date: 6/15/1988
How Discovered:
How Discovered Description:
Stop Method:
Stop Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: Google Geocode
Discharge Cause:
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1988-06-15 00:00:00
Military DoD Site: No
No Further Action Dt: 1988-09-12 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 66-70%
Calenviroscreen 4 Score: 75-80%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 9/12/1988

Status: Open - Case Begin Date
Status Date: 6/15/1988

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name: BIG O TIRES #629
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 399 BROADWAY

City: CHULA VISTA
Zip: 919103523
County: SAN DIEGO
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607303207
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/12/1988
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607303207&tabname=regulatoryhistory
Potential COC: WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern: SOIL
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: H28017-001
SAN DIEGO RWQCB (REGION 9) - CASE #: 9UT973
CUF Claim:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File:
WDR Order:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status: Completed - Case Closed
Date : 9/12/1988

Status: Open - Case Begin Date
Date : 6/15/1988

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Leak Action
Action: Leak Began
Action Date: 6/15/1988
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 6/15/1988
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 6/15/1988
Received Issue Date:
Doc Link:
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Leak Action
Action: Leak Reported
Action Date: 6/15/1988
Received Issue Date:
Doc Link:
Title Description Comments:

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101 | **3 of 3** | **ENE** | **0.45 / 2,365.18** | **42.81 / 24** | **BIG O TIRES #629**
399 BROADWAY, CHULA VISTA, CA 91910
CHULA VISTA CA | **LOP SANDIEGO**

SWRCB Global ID: T0607303207
Record ID: DEH1988-LSAM-H28017-001
Record Status: Completed
Opened Date: 6/15/1988
Case Type: LOP - Local Oversight Program
Historical Name: TOWN & COUNTRY KAWASAKI
Lead Agency: DEH/SAM
Lead Agency Date: 6/30/1988
Funding: S - LOP State Fund
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CLOSED OR TRANSFERRED LOP CASES

Parcel No: 567-090-25-00
Census Tract: 125.01
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6345045
Longitude GS 84: -117.0912800
X Map Coord: 6302661.239
Y Map Coord: 1811694.730

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102 | **1 of 2** | **S** | **0.45 / 2,367.91** | **11.63 / -7** | **CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - CVBD - Pacifica Exchange Parcels (H-13, H-14, H-15, HP-5) Marina Parkway**
Chula Vista CA 91910 | **CLEANUP SITES**

Global ID: T10000004581
County: San Diego
Status Date: 3/12/2015
Status: Open - Remediation
Site Facility Type: Cleanup Program Site
Data Source: Cleanup Sites from GeoTracker Cleanup Sites Data Download

Latitude: 32.6223306340135
Longitude: -117.098291968231

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 4090008
Local Case No:
Begin Date: 2/4/2013
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC: Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Trichloroethylene (TCE), Lead, Diesel, Other Petroleum, Total Petroleum Hydrocarbons (TPH)
How Discovered:
Stop Method:
Stop Description:
Case Worker: TCA
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt:
Potential Media of Concern: Other Groundwater (uses other than drinking water), Sediments, Soil, Soil Vapor, Surface water
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - Telegraph (909.11)

DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source: Google Map Move
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
File Location: Regional Board
Site History:

The Chula Vista Bayfront Master Plan (CVBMP) is a joint master planning process of the Port of San Diego, the City of Chula Vista, and Pacifica Companies. The purpose of the project is to develop a master plan that transforms the Chula Vista waterfront into a world-class destination for local residents and visitors.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 2013-02-04 00:00:00

Status: Open - Assessment & Interim Remedial Action
Status Date: 2013-02-04 00:00:00

Status: Open - Case Begin Date
Status Date: 2013-02-04 00:00:00

Status: Open - Remediation
Status Date: 2015-03-12 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: TOM ALO
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: tom.alo@waterboards.ca.gov
Phone No: 6195213375

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004581
Cleanup Status Detail: OPEN - REMEDIATION AS OF 3/12/2015
Potential COC: DICHLOROETHENE (DCE), DIESEL, LEAD, OTHER CHLORINATED HYDROCARBONS, OTHER PETROLEUM, TOTAL PETROLEUM HYDROCARBONS (TPH), TRICHLOROETHYLENE (TCE)
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SEDIMENTS, SOIL, SOIL VAPOR, SURFACE WATER
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - Telegraph (909.11)
Post Closure Site Management: LAND USE COVENANT

NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL
NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL
ONLY EXTRACTION OF GROUNDWATER FOR SITE REMEDIATION PERMITTED
RESIDENCE USE PROHIBITED

Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO RWQCB (REGION 9) (LEAD) - CASE #: 4090008
CASEWORKER: TOM ALO
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000004581&tabname=regulatoryhistory
Site History:

The Chula Vista Bayfront Master Plan (CVBMP) is a joint master planning process of the Port of San Diego, the City of Chula Vista, and Pacifica Companies. The purpose of the project is to develop a master plan that transforms the Chula Vista waterfront into a world-class destination for local residents and visitors.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Response Requested - Reports
Action: Technical Memos
Action Date: 12/26/2018
Received Issue Date: 12/26/2018
Doc Link:
Title Description Comments:

Demolition Environmental Oversight at Parcel H-3

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 6/26/2017
Received Issue Date: 6/26/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6324474&temptable=ENFORCEMENT
Title Description Comments:

CLRRA Certificate of Completion

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/21/2017
Received Issue Date: 6/21/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6324007&temptable=ENFORCEMENT
Title Description Comments:

FY 2017-18 Annual Estimation Letter

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 4/4/2017
Received Issue Date: 4/4/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5917772
Title Description Comments:

Soil Assessment - Storm Water Treatment Expansion Project, NCMT Berth 24-10, National City Marine Terminal

Action Type: Other Regulatory Actions
Action: Annual Estimation Letter
Action Date: 6/29/2016
Received Issue Date: 6/29/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6289689&temptable=ENFORCEMENT
Title Description Comments:

FY 2016-17 Annual Estimation Letter

Action Type: Other Regulatory Actions
Action: Deed Restriction / Land Use Restriction / Covenant - #2016-0333080
Action Date: 5/19/2016
Received Issue Date: 5/19/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6292388&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Other Workplan - Regulator Responded
Action Date: 2/10/2016
Received Issue Date: 2/10/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5886095
Title Description Comments:

Post Closure Soil and Groundwater Management Plan

Action Type: Response Requested - Workplans
Action: Other Workplan
Action Date: 2/1/2016
Received Issue Date: 2/1/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5880650
Title Description Comments:

Concrete and Asphalt Sampling Work Plan for a Portion of H-3 Parcel Area

Action Type: Agreements
Action: California Land Reuse and Revitalization Agreement
Action Date: 11/3/2015
Received Issue Date: 11/3/2015
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6266317&temptable=ENFORCEMENT
Title Description Comments:

Chula Vista Bayfront Development- Exchange Parcels

Action Type: Response Requested - Other
Action: Response to Comments - Regulator Responded
Action Date: 8/23/2016
Received Issue Date: 8/23/2016
Doc Link:
Title Description Comments:

Response to Comments on the Post Closure Soil and Groundwater Management Plan

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 6/30/2014
Received Issue Date: 6/30/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6210240&temptable=ENFORCEMENT
Title Description Comments:

FY 2014-15 Annual Estimation Letter

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 1/23/2014
Received Issue Date: 1/23/2014
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6190091&temptable=ENFORCEMENT
Title Description Comments:

Revised 2013-14 Annual Estimation Leter

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 7/8/2013
Received Issue Date: 7/8/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6167121&temptable=ENFORCEMENT
Title Description Comments:

Annual Cost Estimation Letter for FY 2013/14

Action Type: Response Requested - Other
Action: Fact Sheets - Public Participation
Action Date: 1/2/2013
Received Issue Date: 1/2/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5763025
Title Description Comments:

Chula Vista Bayfront Master Plan Illustrative Land Use Plan

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 5/3/2012
Received Issue Date: 5/3/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5763027
Title Description Comments:

Conceptual Plan for Chula Vista Bayfront Redevelopment Project

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 3/8/2012
Received Issue Date: 3/8/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5763014
Title Description Comments:

Request for RWQCB Approval of Conceptual Plan for Chula Vista Bayfront

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 1/23/2012
Received Issue Date: 1/23/2012
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5794774
Title Description Comments:

Request for Conceptual Plan Approval, Chula Vista Bayfront Redevelopment Project - Project 1 - "Exchange Lands in Bayfront Master Plan"

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 1/31/2013
Received Issue Date: 1/31/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6148704&temptable=ENFORCEMENT
Title Description Comments:

Chula Vista Bayfront Cost Recovery Agreement

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 1/13/2013
Received Issue Date: 1/13/2013
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6319505&temptable=ENFORCEMENT
Title Description Comments:

Chula Vista Bayfront Cost Recovery Agreement

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 2/2/2010
Received Issue Date: 2/2/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5763024
Title Description Comments:

Second Amendment to Relocation Agreement

Action Type: Response Requested - Other
Action: Other Report / Document
Action Date: 1/4/2010
Received Issue Date: 1/4/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004581&doc_id=5763022
Title Description Comments:

Developing County's Bay-Front Area Expected to Take Years

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 1/23/2012
Received Issue Date: 1/23/2012
Doc Link:
Title Description Comments:

Request for Conceptual Plan Approval - Chula Vista Bayfront Redevelopment Project, Project 1, "Exchange Lands in Bayfront Master Plan"

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 1/23/2012
Received Issue Date: 1/23/2012
Doc Link:
Title Description Comments:

Request for Conceptual Plan Approval - Chula Vista Bayfront Redevelopment Project, Project 1, "Exchange Lands in Bayfront Master Plan"

Action Type: Response Requested - Other
Action: Conceptual Site Model
Action Date: 1/23/2012
Received Issue Date: 1/23/2012
Doc Link:
Title Description Comments:

Request for Conceptual Plan Approval - Chula Vista Bayfront Redevelopment Project, Project 1, "Exchange Lands in Bayfront Master Plan"

Action Type: Enforcement - Other
Action: UNK
Action Date:
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Deed Restrictions (as of Oct 17, 2022)

Date Recorded: 5/19/2016
Site Manage Req: LAND USE COVENANT, NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL, NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL, ONLY EXTRACTION OF GROUNDWATER FOR SITE REMEDIATION PERMITTED, RESIDENCE USE PROHIBITED
Covenant Doc Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1845763266/Covenant%20and%

20Environmental%20Restriction%20-%20Signed%20%26%20Recorded%207.5.16.pdf

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 12/19/2013
Type: SITE ASSESSMENT REPORT ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION OF WASTE AT OUTFALL 4 - APPENDIX D
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4503672003/T10000004581.PDF

Document Type: Site Documents ***Document Date:*** 5/19/2016
Type: DEED RESTRICTION / LAND USE RESTRICTION / COVENANT ***Submitted:***
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: DEED RESTRICTION / LAND USE RESTRICTION / COVENANT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6292388

Document Type: Site Documents ***Document Date:*** 6/30/2014
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: FY 2014-15 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6210240

Document Type: Site Documents ***Document Date:*** 4/23/2014
Type: SITE ASSESSMENT REPORT ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS, H-3 PARCEL, CVBFMP TXT, FIGS, APP A-D
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5647437810/T10000004581.PDF

Document Type: Site Documents ***Document Date:*** 2/19/2015*
Type: SITE INVESTIGATION WORKPLAN ***Submitted:***
Submitted By: ROBERT KURKJIAN (AUTH_RP)
Title: REVISED LIMITED SOIL AND GROUNDWATER INVESTIGATION WORK PLAN PARCEL H-3
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3978202581/T10000004581.PDF

Document Type: Site Documents ***Document Date:*** 3/7/2014
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: SOURCE IDENTIFICATION OF PCB IMPACTS IN H STREET
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8799139618/T10000004581.PDF

Document Type: Site Documents ***Document Date:*** 3/7/2014
Type: SITE ASSESSMENT REPORT ***Submitted:***
Submitted By: SREE GOPINATH (AUTH_RP)
Title: SOURCE IDENTIFICATION OF PCB IMPACTS IN H STREET
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9679002881/T10000004581.PDF

Document Type: Site Documents ***Document Date:*** 6/26/2017
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: CLRRA CERTIFICATE OF COMPLETION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6324474

Document Type: Site Documents ***Document Date:*** 2/10/2016
Type: OTHER WORKPLAN ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: POST CLOSURE SOIL AND GROUNDWATER MANAGEMENT PLAN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5886095

Document Type: Site Documents ***Document Date:*** 2/1/2016
Type: OTHER WORKPLAN ***Submitted:***
Submitted By: TOM ALO (REGULATOR)
Title: CONCRETE AND ASPHALT SAMPLING WORK PLAN FOR A PORTION OF H-3 PARCEL AREA - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5880650

Document Type: Site Documents **Document Date:** 12/19/2013
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION OF WASTE AT OUTFALL 4 - APPENDIX H
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6649039566/T10000004581.PDF

Document Type: Site Documents **Document Date:** 12/19/2013
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION OF WASTE AT OUTFALL 4 - APPENDIX E-G
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8747916936/T10000004581.PDF

Document Type: Site Documents **Document Date:** 3/8/2012
Type: CORRESPONDENCE **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: REQUEST FOR RWQCB APPROVAL OF CONCEPTUAL PLAN FOR CHULA VISTA BAYFRONT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5763014

Document Type: Site Documents **Document Date:** 1/23/2012
Type: CONCEPTUAL SITE MODEL **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: REQUEST FOR CONCEPTUAL PLAN APPROVAL, CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT - PROJECT 1 - "EXCHANGE LANDS IN BAYFRONT MASTER PLAN" - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5794774

Document Type: Site Documents **Document Date:** 2/10/2016
Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: POST CLOSURE SOIL AND GROUNDWATER MANAGEMENT PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5886095

Document Type: Site Documents **Document Date:** 4/4/2017
Type: CORRESPONDENCE **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: SOIL ASSESSMENT - STORM WATER TREATMENT EXPANSION PROJECT, NCMT BERTH 24-10, NATIONAL CITY MARINE TERMINAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5917772

Document Type: Site Documents **Document Date:** 11/3/2015
Type: CALIFORNIA LAND REUSE AND REVITALIZATION AGREEMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: CHULA VISTA BAYFRONT DEVELOPMENT- EXCHANGE PARCELS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6266317

Document Type: Site Documents **Document Date:** 12/19/2013
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION OF WASTE AT OUTFALL 4 - APPENDIX A-C
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2206443130/T10000004581.PDF

Document Type: Site Documents **Document Date:** 1/13/2013
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: CHULA VISTA BAYFRONT COST RECOVERY AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6319505

Document Type: Site Documents **Document Date:** 2/1/2016
Type: OTHER WORKPLAN **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: CONCRETE AND ASPHALT SAMPLING WORK PLAN FOR A PORTION OF H-3 PARCEL AREA
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5880650

Document Type: Site Documents **Document Date:** 12/19/2013
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: REPORT OF SOURCE EVALUATION OF WASTE AT OUTFALL 4

Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5528692662/T10000004581.PDF

Document Type: Site Documents **Document Date:** 1/2/2013
Type: FACT SHEETS - PUBLIC PARTICIPATION **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: CHULA VISTA BAYFRONT MASTER PLAN ILLUSTRATIVE LAND USE PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5763025

Document Type: Site Documents **Document Date:** 5/3/2012
Type: CORRESPONDENCE **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: CONCEPTUAL PLAN FOR CHULA VISTA BAYFRONT REDEVELOPMENT PROJECT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5763027

Document Type: Site Documents **Document Date:** 1/4/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: DEVELOPING COUNTY'S BAY-FRONT AREA EXPECTED TO TAKE YEARS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5763022

Document Type: Site Documents **Document Date:** 7/8/2016
Type: OTHER WORKPLAN **Submitted:**
Submitted By: ROBERT KURKJIAN (AUTH_RP)
Title: REVISED CONCRETE AND ASPHALT SAMPLINGWORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7130911290/T10000004581.PDF

Document Type: Site Documents **Document Date:** 6/29/2016
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2016-17 ANNUAL ESTIMATION LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6289689

Document Type: Site Documents **Document Date:** 9/30/2015
Type: SPECIAL STUDIES AND INVESTIGATIONS **Submitted:**
Submitted By: ROBERT KURKJIAN (AUTH_RP)
Title: PRELIMINARY FORENSIC CHEMISTRY EVALUATION OF ENVIRONMENTAL DATA FROM THE FORMER GOODRICH SOUTH CAMPUS, CHULA VISTA CA
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8321695685/T10000004581.PDF

Document Type: Site Documents **Document Date:** 4/23/2014
Type: SITE ASSESSMENT REPORT **Submitted:**
Submitted By: SREE GOPINATH (AUTH_RP)
Title: SUMMARY OF RECOGNIZED ENVIRONMENTAL CONDITIONS, H-3 PARCEL, CVBFMP APP E-J
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2365869879/T10000004581.PDF

Document Type: Site Documents **Document Date:** 1/23/2014
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: REVISED 2013-14 ANNUAL ESTIMATION LETER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6190091

Document Type: Site Documents **Document Date:** 2/2/2010
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: SECOND AMENDMENT TO RELOCATION AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&document_id=5763024

Document Type: Site Documents **Document Date:** 12/26/2018*
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: ROBERT KURKJIAN (AUTH_RP)
Title: PAVEMENT REMOVAL OVERSIGHT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8851830542/T10000004581.PDF

Document Type: Site Documents **Document Date:** 6/21/2017
Type: ANNUAL ESTIMATION LETTER **Submitted:**
Submitted By: TOM ALO (REGULATOR)
Title: FY 2017-18 ANNUAL ESTIMATION LETTER

Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6324007

Document Type: Site Documents **Document Date:** 4/7/2015
Type: SITE INVESTIGATION **Submitted:**
Submitted By: ROBERT KURKJIAN (AUTH_RP)
Title: H3 LIMITED INVESTIGATION REPORT FINAL
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8654258489/T10000004581.PDF

Document Type: Site Documents **Document Date:** 7/8/2013
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: ANNUAL COST ESTIMATION LETTER FOR FY 2013/14
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6167121

Document Type: Site Documents **Document Date:** 1/31/2013
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: JOHN P. ANDERSON (REGULATOR)
Title: CHULA VISTA BAYFRONT COST RECOVERY AGREEMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6148704

Sites from GeoTracker Search - Site Maps (as of Oct 17, 2022)

Submitted: 3/11/2019 **Submitted By:** JOHN P. ANDERSON (REGULATOR)
Title: PACIFICA EXCHANGE PARCELS (H-13, H-14, H-15, HP-5) (KMZ)
Link: https://geotracker.waterboards.ca.gov/regulators/map_coverages/3524762809/Pacifica_Exchange_Parcels_H_13,_H_14,_H_15,_HP_5.kmz

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Assessment & Interim Remedial Action
Date: 2/4/2013

Status: Open - Site Assessment
Date: 2/4/2013

Status: Open - Case Begin Date
Date: 2/4/2013

Status: Open - Remediation
Date: 3/12/2015

Sites from GeoTracker Search - Related Cases (as of Oct 17, 2022)

Association: Related Global ID
Description: ROHR South Campus
Identifier: SL209294204
Project Name: GOODRICH AEROSTRUCTURES - SOUTH CAMPUS
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=SL209294204
Address: 850 LAGOON DRIVE
City: CHULA VISTA
Status: OPEN - REMEDIATION

Association: Related Global ID
Description: Port's Vacant Land Parcel
Identifier: T10000005120
Project Name: Vacant Property Owned by the SD Unified Port District (Plat No. 032-008)
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000005120
Address: Marina Parkway
City: CHULA VISTA
Status: COMPLETED - CASE CLOSED

Association: Related Global ID
Description: Chula Vista Bayfront Development
Identifier: T10000010383

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Project Name: Chula Vista Bayfront Development
Project Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000010383
Address: San Diego Bayfront
City: CHULA VISTA
Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION

102	2 of 2	S	0.45 / 2,367.91	11.63 / -7	CHULA VISTA BAYFRONT MASTER PLAN DEVELOPMENT - CVBD - Pacifica Exchange Parcels (H-13, H-14, H-15, HP-5) Marina Parkway Chula Vista CA 91910	DEED

Global ID: T10000004581
Site Type: Cleanup Program Site
Status Date: 3/12/2015
Status: Open - Remediation
Facility Project Sub Type:
Calenviroscreen 3 Score: 76-80%
Calenviroscreen 4 Score: 80-85%
Search URL: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004581
County: San Diego
Latitude: 32.6223306340135
Longitude: -117.098291968231

Regulatory Activities GeoTracker Download

Action Type: ENFORCEMENT
Action: Deed Restriction / Land Use Restriction / Covenant - #2016-0333080
Action Date: 5/19/2016

Sites from GeoTracker Search - Regulatory Activities (as of May 27, 2022)

Action Type: Other Regulatory Actions
Action: Deed Restriction / Land Use Restriction / Covenant - #2016-0333080
Action Date: 5/19/2016
Received Issue Date: 5/19/2016
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004581&enforcement_id=6292388&temptable=ENFORCEMENT
Title Description Comments:

Sites from GeoTracker Search - Deed Restrictions (as of May 27, 2022)

Date Recorded: 5/19/2016
Site Manage Req: LAND USE COVENANT, NO EXCAVATION OF CONTAMINATED SOILS WITHOUT AGENCY REVIEW AND APPROVAL, NO GROUNDWATER EXTRACTION AT ANY DEPTH WITHOUT APPROVAL, ONLY EXTRACTION OF GROUNDWATER FOR SITE REMEDIATION PERMITTED, RESIDENCE USE PROHIBITED
Covenant Doc Link: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1845763266/Covenant%20and%20Environmental%20Restriction%20-%20Signed%20%26%20Recorded%207.5.16.pdf

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103	1 of 1	NE	0.45 / 2,377.40	46.08 / 28	7-Eleven 13570 285 BROADWAY CHULA VISTA CA 91910	DELISTED HAZ

Siteid: 87594
Latitude: 32.638271
Longitude: -117.091949
Original Source: CHAZ
Record Date: 22-MAR-2018

104	1 of 3	NNE	0.46 / 2,415.39	46.04 / 28	ELDORADO CLEANERS & LAUNDRY 648 E ST Chula Vista CA	SAM SANDIEGO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record ID: DEH1996-LSAM-H02684-001
Record ID (DEH): DEH1996-LSAM-H02684-001
Record Type (DEH): LUEG-DEH/LWQD/SAM Investigation/NA
ID: 3936
Object ID: 3932
SWRCB Global ID: T0608166036
Feature ID: 5670320800
Parcel No: 567-032-08-00
Case No:
H No: H02684
KIVA per Tp per No: 6SAM H02684
Status: Completed
Record Status: Completed

Record Type: SAM Investigation
Record Alias: SAM Investigation
Date: 01/11/1996
Per Type: LWQD
Primary Parcel: YES
Primary Address: YES
Address Type: ALIAS
City: CHULA VISTA
Community: Chula Vista
Zip Code: 91910
Zip Community: 91910
Agency Name: COSD

BOS District: 1
Lead Agency: DTSC
Lead Agcy Date: 4/12/2009, 8:00 PM
Opened Date: 1/10/1996, 7:00 PM
ThomasBros Map Gd: 1309 J 6
Jurisdiction: CHULA VISTA
Census Tract: 125.02
Watershed Basin: 909.12
GT Global ID: T0608166036
GT RB Case No:
GT Status Date:
GT Case Type: Cleanup Program Site
GT Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
GT CUF Case: NO
GT County: San Diego
GT Latitude: 32.640643
GT Longitude: -117.09592
Latitude GS84: 32.6401146
Longitude GS84: -117.0958106
Point X: 6301296.58002581
Point Y: 1813661.05999848
X: 6301285.534
Y: 1813739.792
X1: -117.09577268147149
Y1: 32.63989842133106

Project Name: ELDORADO CLEANERS & LAUNDRY
Address: 648 E ST, CHULA VISTA CA 91910
Historical Name: CHULA VISTA SHOPPING CENTER
Record Name: ELDORADO CLEANERS & LAUNDRY
Street String: 648 E ST
DEH Permit Owner:
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
GT Status: Open - Remediation
Case Type:
Funding: N - Non-Billable
Geo SRC: Mapped to XY from previous SAM layer
Short Notes:
Source File: Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

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104	2 of 3	NNE	0.46 / 2,415.39	46.04 / 28	ELDORADO CLEANERS & LAUNDRY 648 E ST CHULA VISTA CA 919102113	CLEANUP SITES

Global ID: T0608166036
County: SAN DIEGO
Status Date: 1/31/2002
Status: OPEN - REMEDIATION
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Latitude: 32.640643
Longitude: -117.09592

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: 60001334
Begin Date: 1/11/1996
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Local Agency:
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:

Potential COC:	* Chlorinated Hydrocarbons
How Discovered:	
Stop Method:	Other Means
Stop Description:	OTHER MEANS
Case Worker:	
Military DoD Site:	No
Leak Reported Dt:	1996-01-11 00:00:00
No Further Action Dt:	
Potential Media of Concern:	Aquifer used for drinking water supply
How Discovered Description:	
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name:	Coastal Plain Of San Diego (9-033)
Disadvantaged Community:	
Coordinate Source:	Google Geocode
Discharge Cause:	Other
Discharge Source:	Other
Facility Project Sub Type:	
Calenviroscreen 3 Score:	86-90%
Calenviroscreen 4 Score:	85-90%
File Location:	Local Agency
Site History:	

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Remediation
Status Date:	2002-01-31 00:00:00
Status:	Open - Case Begin Date
Status Date:	1996-01-11 00:00:00

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:	
Cuf Claim No:	
CUF Priority Assign:	
CUF Amount Paid:	
Composting Method:	
Facility Type:	
WDR Place Type:	
WDR File No:	
WDR Order No:	
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
Designated Beneficl Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:	
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0608166036
Cleanup Status Detail:	OPEN - REMEDIATION AS OF 1/31/2002
Potential COC:	CHLORINATED HYDROCARBONS
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
Groundwater Monitoring Freq:	
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
CalWater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL (LEAD) - CASE #: 60001334 SAN DIEGO COUNTY LOP - CASE #: H02684-001 SAN DIEGO RWQCB (REGION 9)
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0608166036&tabname=regulatoryhistory
Site History:	

No site history available

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Staff Letter
Action Date: 9/7/2022
Received Issue Date: 9/7/2022
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608166036&enforcement_id=6504491&temptable=ENFORCEMENT
Title Description Comments:

Notice of Termination for WDR

Action Type: Referral to Other Agency
Action: Referral to Other State Agency
Action Date: 4/13/2009
Received Issue Date: 4/13/2009
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608166036&enforcement_id=6009665&temptable=ENFORCEMENT
Title Description Comments:

Referred case to DTSC

Action Type: Leak Action
Action: Leak Began
Action Date: 1/11/1996
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 1/11/1996
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 1/11/1996
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 4/30/2021*
Type: NPDES / WDR REPORTS ***Submitted:***
Submitted By: CHRISTOPHER GALE (AUTH_RP)
Title: FIRST QUARTER 2021 WDR COMPLIANCE REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7018619000/T0608166036.PDF

Document Type: Site Documents ***Document Date:*** 11/4/2014*
Type: ELECTRONIC REPORTING SUBMITTAL DUE ***Submitted:***
Submitted By: CHRISTOPHER GALE (AUTH_RP)
Title: 3Q14 GROUNDWATER MONITORING REPORT - ISCO PILOT STUDY
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2720175206/T0608166036.PDF

Document Type: Site Documents ***Document Date:*** 2/1/2021*
Type: NPDES / WDR REPORTS ***Submitted:***
Submitted By: CHRISTOPHER GALE (AUTH_RP)
Title: 4Q2020 WDR COMPLIANCE REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5470772504/T0608166036.PDF

Document Type: Site Documents ***Document Date:*** 9/7/2022

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type: STAFF LETTER **Submitted:**
Submitted By: LALITHA THOTAKURA (REGULATOR)
Title: NOTICE OF TERMINATION FOR WDR
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608166036&enforcement_id=6504491

Document Type: Monitoring Reports **Document Date:** 2/1/2022*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: CHRISTOPHER GALE (AUTH_RP)
Title: FOURTH QUARTER AND ANNUAL 2021 WDR COMPLIANCE REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3190697431/T0608166036.PDF

Document Type: Monitoring Reports **Document Date:** 8/5/2014*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CHRISTOPHER GALE (AUTH_RP)
Title: 2Q14 ISCO PILOT STUDY MONITORING REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5425849258/T0608166036.PDF

Document Type: Site Documents **Document Date:** 4/13/2009
Type: REFERRAL TO OTHER STATE AGENCY **Submitted:**
Submitted By: LAURIE APECECHEA (REGULATOR)
Title: REFERRED CASE TO DTSC
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0608166036&enforcement_id=6009665

Document Type: Monitoring Reports **Document Date:** 11/1/2021*
Type: MONITORING REPORT - OTHER **Submitted:**
Submitted By: CHRISTOPHER GALE (AUTH_RP)
Title: THIRD QUARTER 2021 WDR COMPLIANCE REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8500873148/T0608166036.PDF

Document Type: Monitoring Reports **Document Date:** 8/1/2021*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CHRISTOPHER GALE (AUTH_RP)
Title: SECOND QUARTER 2021 WDR COMPLIANCE REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2508129417/T0608166036.PDF

Document Type: Monitoring Reports **Document Date:** 4/29/2015*
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: CHRISTOPHER GALE (AUTH_RP)
Title: FIRST QUARTER 2015 GROUNDWATER MONITORING REPORT - IN-SITU CHEMICAL OXIDATION PILOT STUDY
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7218818008/T0608166036.PDF

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Case Begin Date
Date: 1/11/1996

Status: Open - Remediation
Date: 1/31/2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
104	3 of 3	NNE	0.46 / 2,415.39	46.04 / 28	ELDORADO CLEANERS & LAUNDRY 648 E ST, CHULA VISTA, CA 91910 CHULA VISTA CA	LOP SANDIEGO

SWRCB Global ID: T0608166036
Record ID: DEH1996-LSAM-H02684-001
Record Status: Completed
Opened Date: 1/11/1996
Case Type:
Historical Name: CHULA VISTA SHOPPING CENTER
Lead Agency: DTSC
Lead Agency Date: 4/13/2009
Funding: N - Non-Billable
Fire Agency: CHULA VISTA
Water Purveyor: CHULA VISTA
File Case Type: CASES WITH NO CASE TYPE

Parcel No: 567-032-08-00
Census Tract: 125.02
Zip Code 2: 91910
Community: Chula Vista
Jurisdiction: CHULA VISTA
Watershed Basin No: 909.12
Latitude GS 84: 32.6401146
Longitude GS 84: -117.0958106
X Map Coord: 6301285.534
Y Map Coord: 1813739.792

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
105	1 of 1	ENE	0.47 / 2,455.33	46.34 / 28	TUNE CRAFT #11 355 BROADWAY CHULA VISTA CA 919103501	LUST

Global ID: T0607391332
Status Date: 1/8/2008
Case Type: LUST CLEANUP SITE
Oil Field:
Oil Field Operator:
Status: COMPLETED - CASE CLOSED

Census Tract: 6073012700
Match Key: T0607391332
County: SAN DIEGO
Latitude: 32.636055
Longitude: -117.091246

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case: YES
Lead Agency: SAN DIEGO COUNTY LOP
Case Worker: JS
Local Agency: SAN DIEGO COUNTY LOP
RB Case No:
Local Case No: H13434-001
File Location: Local Agency
Potential COC: Waste Oil / Motor / Hydraulic / Lubricating
Potential Media of Concern: Aquifer used for drinking water supply
Begin Date: 8/3/2000
How Discovered:
How Discovered Description:
Stop Method: Close and Remove Tank
Stop Description: CLOSE AND REMOVE TANK **Note: Many records provided by the department have a truncated [Stop Description] field.
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: * Historical Geocode - Exact Address Match
Discharge Cause:
Discharge Source: Tank
EPA Region: 9
Leak Reported Dt: 2000-08-21 00:00:00
Military DoD Site: No
No Further Action Dt: 2008-01-08 00:00:00
Qty Rlsd Gallons:
Facility Project Sub Type:
Calenviroscreen 3 Score: 66-70%
Calenviroscreen 4 Score: 75-80%
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: JON SENAHA
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: jon.senaha@sdcounty.ca.gov
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 1/8/2008

Status: Open - Case Begin Date
Status Date: 8/3/2000

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	TUNE CRAFT #11
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	355 BROADWAY
City:	CHULA VISTA
Zip:	919103501
County:	SAN DIEGO
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607391332
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 1/8/2008
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607391332&tabname=regulatoryhistory
Potential COC:	WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Potential Media of Concern:	AQUIFER USED FOR DRINKING WATER SUPPLY
File Location:	LOCAL AGENCY
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND
DWR GW Sub Basin:	Coastal Plain Of San Diego (9-033)
Calwater Watershed Name:	Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	SAN DIEGO COUNTY LOP (LEAD) - CASE #: H13434-001 CASEWORKER: JON SENAHA SAN DIEGO RWQCB (REGION 9)
CUF Claim:	19337
CUF Priority Assig:	B
CUF Amount Paid:	$73,545
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Gndwater Monitoring Freque:	
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Site History:	

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status:	Completed - Case Closed
Date :	1/8/2008
Status:	Open - Case Begin Date
Date :	8/3/2000

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type:	Other Regulatory Actions
Action:	Closure/No Further Action Letter
Action Date:	1/11/2208
Received Issue Date:	1/11/2208
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607391332&enforcement_id=6399377&temptable=ENFORCEMENT
Title Description Comments:	

H13434-001 Closure Documents

Action Type:	Response Requested - Other
Action:	Correspondence - Regulator Responded

Action Date: 12/17/2010
Received Issue Date: 12/17/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607391332&doc_id=5702832
Title Description Comments:

SWRCB Cleanup Fund Overturn in Favor of RP Letter - SWRCB Cleanup Fund Overturn in Favor of RP Letter

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 5/14/2010
Received Issue Date: 5/14/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607391332&enforcement_id=6074209&temptable=ENFORCEMENT
Title Description Comments:

DEH Justification Letter to SWRCB for RP Cleanup Fund Reimbursement

Action Type: Response Requested - Other
Action: Correspondence
Action Date: 5/13/2010
Received Issue Date: 5/13/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607391332&doc_id=5702833
Title Description Comments:

RP Justification Letter to SWRCB for Cleanup Fund Reimbursement - RP Justification Letter to SWRCB for Cleanup Fund Reimbursement

Action Type: Response Requested - Other
Action: Correspondence - Regulator Responded
Action Date: 4/23/2010
Received Issue Date: 4/23/2010
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607391332&doc_id=5702829
Title Description Comments:

SWRCB Cleanup Fund Denial Letter - SWRCB Cleanup Fund Denial Letter

Action Type: Notices
Action: Notice of Responsibility
Action Date: 2/6/2001
Received Issue Date: 2/6/2001
Doc Link:
Title Description Comments:

NOTICE OF REIMBURSEMENT / LOCAL

Action Type: Leak Action
Action: Leak Stopped
Action Date: 12/4/2000
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Reported
Action Date: 8/21/2000
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Began
Action Date: 8/3/2000
Received Issue Date:
Doc Link:

Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 8/3/2000
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 12/17/2010
Type: CORRESPONDENCE ***Submitted:***
Submitted By: JON SENAHA (REGULATOR)
Title: SWRCB CLEANUP FUND OVERTURN IN FAVOR OF RP LETTER - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607391332&document_id=5702832

Document Type: Monitoring Reports ***Document Date:*** 7/5/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: 1ST QTR 2005 GW MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4575453817/T0607391332.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/5/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: 4TH QTR 2003 GW MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5332096934/T0607391332.PDF

Document Type: Site Documents ***Document Date:*** 9/12/2007
Type: REPORTS - OTHER ***Submitted:***
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: ADDITIONAL LAB OPINION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8183515250/T0607391332.PDF

Document Type: Site Documents ***Document Date:*** 5/14/2010
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: JON SENAHA (REGULATOR)
Title: DEH JUSTIFICATION LETTER TO SWRCB FOR RP CLEANUP FUND REIMBURSEMENT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607391332&enforcement_id=6074209

Document Type: Site Documents ***Document Date:*** 5/13/2010
Type: CORRESPONDENCE ***Submitted:***
Submitted By: JON SENAHA (REGULATOR)
Title: RP JUSTIFICATION LETTER TO SWRCB FOR CLEANUP FUND REIMBURSEMENT - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607391332&document_id=5702833

Document Type: Site Documents ***Document Date:*** 7/26/2007
Type: CORRESPONDENCE - DIRECTIVE RELATED ***Submitted:***
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: 05 - CORRESPONDENCES **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9211836099/T0607391332.PDF

Document Type: Monitoring Reports ***Document Date:*** 7/5/2007
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: 3RD QTR 2005 GW MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6752394735/T0607391332.PDF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Monitoring Reports **Document Date:** 7/5/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: 1ST QTR 2004 GW MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9574782431/T0607391332.PDF

Document Type: Monitoring Reports **Document Date:** 7/5/2007
Type: MONITORING REPORT - QUARTERLY **Submitted:**
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: 4TH QTR 2004 GW MONITORING REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3225385367/T0607391332.PDF

Document Type: Site Documents **Document Date:** 7/26/2007
Type: CORRESPONDENCE - DIRECTIVE RELATED **Submitted:**
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: 05 - CORRESPONDENCES **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/2493283927/T0607391332.PDF

Document Type: Site Documents **Document Date:** 1/10/2008
Type: LETTER **Submitted:**
Submitted By: (REGULATOR)
Title: H13434-001 **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/site_documents/8666050553/0200%5F001%2Epdf

Document Type: Site Documents **Document Date:** 7/5/2007
Type: REPORTS - INVESTIGATION RPT. **Submitted:**
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: JAN 2004 - SITE ASSESSMENT REPORT **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6671069085/T0607391332.PDF

Document Type: Site Documents **Document Date:** 7/5/2007
Type: WORKPLANS - INVESTIGATION WP **Submitted:**
Submitted By: ANDERSON DONAN (AUTH_RP)
Title: JUNE 2001 - SITE ASSESSMENT WORKPLAN **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4128558099/T0607391332.PDF

Document Type: Site Documents **Document Date:** 1/11/2208
Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Submitted By: DIANNE PELLEY (REGULATOR)
Title: H13434-001 CLOSURE DOCUMENTS **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607391332&enforcement_id=6399377

Document Type: Site Documents **Document Date:** 4/23/2010
Type: CORRESPONDENCE **Submitted:**
Submitted By: JON SENAHA (REGULATOR)
Title: SWRCB CLEANUP FUND DENIAL LETTER - REGULATOR RESPONSE **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607391332&document_id=5702829

106	1 of 1	NE	0.49 / 2,571.19	48.47 / 30	260 BROADWAY 260 BROADWAY CHULA VISTA CA 91910	CLEANUP SITES

Global ID: T10000012230 **Latitude:** 32.63941
County: SAN DIEGO **Longitude:** -117.09335
Status Date: 7/30/2021
Status: COMPLETED - CASE CLOSED
Site Facility Type: CLEANUP PROGRAM SITE
Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No:
Local Case No: DEH2018-LSAM-000513
Begin Date: 10/20/2018
Lead Agency: SAN DIEGO COUNTY LOP
Local Agency: SAN DIEGO COUNTY LOP
CUF Case: NO
CalEnvScreen Score:
EPA Region: 9
Qty Rlsd Gallons:
Potential COC:
How Discovered:
Stop Method:
Stop Description:
Case Worker: EM
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt: 2021-07-30 00:00:00
Potential Media of Concern:
How Discovered Description:
Calwater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
DWR GW Subbasin Name: Coastal Plain Of San Diego (9-033)
Disadvantaged Community: Severely Disadvantaged Community
Coordinate Source:
Discharge Cause:
Discharge Source:
Facility Project Sub Type:
Calenviroscreen 3 Score: 86-90%
Calenviroscreen 4 Score: 85-90%
File Location:
Site History:

This Voluntary Assistance Program (VAP) case was opened for redevelopment of the Site into 11 slab-on-grade residential buildings. The Site consists of approximately 1.53 acres of currently vacant land that was formerly occupied by Bahia Auto Sales (270 Broadway) and Chula Vista Tire Center (260 Broadway). The Site is identified with the Assessor's Parcel Numbers (APNs) 567-032-01, -18, -19, and -20. A June 2017 Phase II from SCS Engineers (SCS) discussed the advancement of eight soil borings (SBs), and eight soil vapor (SV) probes. The SBs revealed soil concentrations of arsenic and lead up to 1.72 mg/kg and 56.9 mg/kg, respectively. In addition, levels of total petroleum hydrocarbon (TPH) in the gasoline, diesel and oil ranges, and Volatile Organic Compounds (VOCs), were non-detect (ND) for all SB samples. Moreover, SV sample results were also all ND. On November 29, 2017, a used oil underground storage tank (UST) was removed from the Site under DEHQ permit. Based on soil sample results from the UST removal, an unauthorized release case was not opened. A November 2018 Soil Management Plan (SMP) and Community Health and Safety Plan (CHSP) described methods of soil management during construction and safeguards for the community. SCS stated that the soil vapor sampling results did not indicate the presence of VOCs in shallow soil vapor in the vicinity of the proposed building. Based on this, there were no plans to incorporate a soil vapor barrier into the building design unless it was later determined during grading that soil with elevated petroleum hydrocarbons and VOCs would be left in place. The SMP and CHSP were approved in November 2018. A July 2021 Property Closure Report (PCR) detailed the excavation activities and the results of confirmation soil samples. The PCR stated that excavation occurred from August 2019 to November 2020. Only one area was encountered with indications of petroleum hydrocarbons in soil, resulting in removal of approximately 22 tons of soil that was disposed at Soil Safe in Adelanto. On July 15, 2019, final confirmation samples were taken in this area, analyzed for TPH, and the results were ND. Aside from the TPH-impacted soil, a total of approximately 3,209 tons of non-hazardous soil was disposed at Otay Landfill. No soil was exported for off-site reuse. SCS concludes that because confirmation sample results did not indicate the presence of residual petroleum hydrocarbons, and that lead concentrations from earlier samples did not exceed human health risk mitigation criteria of 80 mg/kg for residential use, there are no complete exposure pathways from residual constituents of concern (CoCs) to receptors at the Site or groundwater. Moreover, SCS states that based on the results of the soil vapor survey and removal of VOC impacted soil, there is no potential risk from vapor intrusion of VOCs for the future occupants of the residences. DEHQ concurs.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity

Date: 2021-07-23 00:00:00
Action: Site Assessment Report - Regulator Responded
Action Type: RESPONSE

Date: 2018-11-16 00:00:00
Action: Other Report / Document - Regulator Responded
Action Type: RESPONSE

Date: 2017-06-16 00:00:00
Action: Site Assessment Report
Action Type: RESPONSE

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 2018-10-20 00:00:00

Status: Completed - Case Closed
Status Date: 2021-07-30 00:00:00

Status: Open - Case Begin Date
Status Date: 2018-10-20 00:00:00

Status: Open - Active
Status Date: 2018-10-20 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker
Contact Name: EWAN MOFFAT
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: ewan.moffat@sdcounty.ca.gov
Phone No:

Cleanup Program Sites from GeoTracker Search - Regulatory Profile

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000012230
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 7/30/2021
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin: Coastal Plain Of San Diego (9-033)
CalWater Watershed Name: Sweetwater - Lower Sweetwater - La Nacion (909.12)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN DIEGO COUNTY LOP (LEAD) - CASE #: DEH2018-LSAM-000513
CASEWORKER: EWAN MOFFAT
SAN DIEGO RWQCB (REGION 9)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000012230&tabname=regulatoryhistory
Site History:

This Voluntary Assistance Program (VAP) case was opened for redevelopment of the Site into 11 slab-on-grade residential buildings. The Site consists of approximately 1.53 acres of currently vacant land that was formerly occupied by Bahia Auto Sales (270 Broadway) and Chula Vista Tire Center (260 Broadway). The Site is identified with the Assessor's Parcel Numbers (APNs) 567-032-01, -18, -19, and -20.

A June 2017 Phase II from SCS Engineers (SCS) discussed the advancement of eight soil borings (SBs), and eight soil vapor (SV) probes. The SBs revealed soil concentrations of arsenic and lead up to 1.72 mg/kg and 56.9 mg/kg, respectively. In addition, levels of total petroleum hydrocarbon (TPH) in the gasoline, diesel and oil ranges, and Volatile Organic Compounds (VOCs), were non-detect (ND) for all SB samples. Moreover, SV sample results were also all ND.

On November 29, 2017, a used oil underground storage tank (UST) was removed from the Site under DEHQ permit. Based on soil sample results from the UST removal, an unauthorized release case was not opened.

A November 2018 Soil Management Plan (SMP) and Community Health and Safety Plan (CHSP) described methods of soil management during construction and safeguards for the community. SCS stated that the soil vapor sampling results did not indicate the presence of VOCs in shallow soil vapor in the vicinity of the proposed building. Based on this, there were no plans to incorporate a soil vapor barrier into the building design unless it was later determined during grading that soil with elevated petroleum hydrocarbons and VOCs would be left in place. The SMP and CHSP were approved in November 2018.

A July 2021 Property Closure Report (PCR) detailed the excavation activities and the results of confirmation soil samples. The PCR stated that excavation occurred from August 2019 to November 2020. Only one area was encountered with indications of petroleum hydrocarbons in soil, resulting in removal of approximately 22 tons of soil that was disposed at Soil Safe in Adelanto. On July 15, 2019, final confirmation samples were taken in this area, analyzed for TPH, and the results were ND. Aside from the TPH-impacted soil, a total of approximately 3,209 tons of non-hazardous soil was disposed at Otay Landfill. No soil was exported for off-site reuse.

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Sites from GeoTracker Search - Cleanup Action Report (as of Oct 17, 2022)

Action Type: EXCAVATION
Begin Date: 8/26/2019
End Date: 9/1/2019
Phase: Soil
Contaminant Mass Removed: 22 Tons
Description:

Action Type: EXCAVATION
Begin Date: 8/26/2019
End Date: 11/6/2020
Phase: Soil
Contaminant Mass Removed: 32,086 Tons
Description:

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type: Other Regulatory Actions
Action: Closure/No Further Action Letter
Action Date: 7/30/2021
Received Issue Date: 7/30/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6472413&temptable=ENFORCEMENT
Title Description Comments:

Closure Letter and Summary

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 7/28/2021
Received Issue Date: 7/28/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6472227&temptable=ENFORCEMENT
Title Description Comments:

Concurrence Letter

Action Type: Response Requested - Reports
Action: Site Assessment Report - Regulator Responded
Action Date: *7/23/2021
Received Issue Date: 7/23/2021
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000012230&doc_id=6054536
Title Description Comments:

Property Closure Report

Action Type: Cleanup Action
Action: Excavation
Action Date: 8/26/2019
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Cleanup Action
Action: Excavation
Action Date: 8/26/2019
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Response Requested - Workplans
Action: Soil and Water Investigation Workplan - Regulator Responded
Action Date: 12/15/2018
Received Issue Date: 11/12/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000012230&doc_id=5979144
Title Description Comments:

Soil Mitigation Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/16/2018
Received Issue Date: 11/16/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6376085&temptable=ENFORCEMENT
Title Description Comments:

DEH Approval of SMP and CHSP

Action Type: Response Requested - Other
Action: Other Report / Document - Regulator Responded
Action Date: *11/16/2018
Received Issue Date: 11/16/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000012230&doc_id=6054785
Title Description Comments:

Community Health & Safety Plan

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/15/2018
Received Issue Date: 11/15/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6471876&temptable=ENFORCEMENT
Title Description Comments:

Email Approving SMP

Action Type: Other Regulatory Actions
Action: Technical Correspondence / Assistance / Other
Action Date: 11/13/2018
Received Issue Date: 11/13/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6471877&temptable=ENFORCEMENT
Title Description Comments:

Email Acknowledging Receipt of SMP

Action Type: Notices
Action: Letter - Notice

Action Date: 10/29/2018
Received Issue Date: 10/29/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6375359&temptable=ENFORCEMENT
Title Description Comments:

RWQCB Response

Action Type: Notices
Action: Letter - Notice
Action Date: 10/29/2018
Received Issue Date: 10/29/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6375358&temptable=ENFORCEMENT
Title Description Comments:

DTSC Response

Action Type: Notices
Action: Letter - Notice
Action Date: 10/26/2018
Received Issue Date: 10/26/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6373613&temptable=ENFORCEMENT
Title Description Comments:

SB 1248 Notification

Action Type: Agreements
Action: Cost Recovery Agreement / N. of Reimbursement
Action Date: 10/20/2018
Received Issue Date: 10/20/2018
Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6373612&temptable=ENFORCEMENT
Title Description Comments:

VAP Application

Action Type: Response Requested - Reports
Action: Site Assessment Report
Action Date: *6/16/2017
Received Issue Date: 6/16/2017
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000012230&doc_id=6054759
Title Description Comments:

Phase II

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents ***Document Date:*** 11/13/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER ***Submitted:***
Submitted By: EWAN MOFFAT (REGULATOR)
Title: EMAIL ACKNOWLEDGING RECEIPT OF SMP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6471877

Document Type: Site Documents ***Document Date:*** 6/16/2017
Type: SITE ASSESSMENT REPORT ***Submitted:***
Submitted By: KEITH ETCHELLS (AUTH_RP)
Title: SUBSURFACE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/4763263165/T10000012230.PDF

Document Type: Site Documents ***Document Date:*** 7/30/2021
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***

Submitted By: EWAN MOFFAT (REGULATOR)
Title: CLOSURE LETTER AND SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6472413

Document Type: Site Documents **Document Date:** 10/29/2018
Type: LETTER - NOTICE **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: DTSC RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6375358

Document Type: Site Documents **Document Date:** 10/29/2018
Type: LETTER - NOTICE **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: RWQCB RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6375359

Document Type: Site Documents **Document Date:** 11/12/2018
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: SOIL MITIGATION PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&document_id=5979144

Document Type: Site Documents **Document Date:** 10/20/2018
Type: COST RECOVERY AGREEMENT / N. OF REIMBURSEMENT **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: VAP APPLICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6373612

Document Type: Site Documents **Document Date:** 7/28/2021
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: CONCURRENCE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6472227

Document Type: Site Documents **Document Date:** 11/16/2018
Type: OTHER REPORT / DOCUMENT **Submitted:**
Submitted By: KEITH ETCHELLS (AUTH_RP)
Title: COMMUNITY HEALTH AND SAFETY PLAN
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1780612409/T10000012230.PDF

Document Type: Site Documents **Document Date:** 10/26/2018
Type: LETTER - NOTICE **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: SB 1248 NOTIFICATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6373613

Document Type: Site Documents **Document Date:** 11/16/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: JAMES CLAY (REGULATOR)
Title: DEH APPROVAL OF SMP AND CHSP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6376085

Document Type: Site Documents **Document Date:** 7/23/2021
Type: REQUEST FOR CLOSURE **Submitted:**
Submitted By: KEITH ETCHELLS (AUTH_RP)
Title: PROPERTY CLOSURE REPORT
Title Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9248653709/T10000012230.PDF

Document Type: Site Documents **Document Date:** 11/15/2018
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Submitted By: EWAN MOFFAT (REGULATOR)
Title: EMAIL APPROVING SMP
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000012230&enforcement_id=6471876

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sites from GeoTracker Search - Cleanup Status History (as of Oct 17, 2022)

Status: Open - Site Assessment
Date: 10/20/2018

Status: Open - Active
Date: 10/20/2018

Status: Open - Case Begin Date
Date: 10/20/2018

Status: Completed - Case Closed
Date: 7/30/2021

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107 | ***1 of 2*** | ***SE*** | ***0.90 / 4,731.77*** | ***48.36 / 30*** | ***CHULA VISTA LEARNING COMMUNITY CHARTER 821/824 BROADWAY/562 NORTH K STREET CHULA VISTA CA 91911*** | ***SCH***

Estor/EPA ID: 37880001
Site Code: 400804, 404047
Nat Priority List: NO
Acres: NONE SPECIFIED
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 80
Senate District: 40
Permit Renewal Lead:
Project Manager:
Supervisor: MARK MALINOWSKI
Public Partici Spclst:
Census Tract: 6073013000
County: SAN DIEGO
Latitude: 32.620556
Longitude: -117.085278
School District: CHULA VISTA ELEMENTARY SCHOOL DISTRICT
APN: NONE SPECIFIED
Cleanup Status: NO FURTHER ACTION AS OF 3/29/2001
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: SOIL
Potential Contamin of Concern:

ARSENIC
DDD
DDE
DDT
LEAD

SITE HISTORY:

Vacant Site. A commercial nursery was operated on the site until 1998.

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 50-55%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=37880001

Completed Activities

Title: Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 11/19/1999
Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: Environmental Oversight Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=37880001&enforcement_id=6005562
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 3/16/2000
Comments: DTSC entered into an EOA (Docket Number HSA-A 99/00-085)

Title: Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 3/22/2000
Comments:

Title: Phase 1
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 11/23/1999
Comments: DTSC approved the Phase I with a PEA requied determination.

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=37880001&doc_id=6005564
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 3/29/2001
Comments: DTSC approved the PEA with a no further action determination.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
107	2 of 2	SE	0.90 / 4,731.77	48.36 / 30	CHULA VISTA LEARNING COMMUNITY CHARTER 821/824 BROADWAY/562 NORTH K STREET CHULA VISTA CA 91911	ENVIROSTOR

Estor/EPA ID: 37880001
Site Code: 400804, 404047
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6073013000
Site Type: SCHOOL
Address Description: 821/824 BROADWAY/562 NORTH K STREET
Office: SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 80
Senate District: 40
Permit Renewal Lead:
Public Partici Spclst:
Project Manager:
County: SAN DIEGO
Latitude: 32.620556
Longitude: -117.085278
Acres: NONE SPECIFIED
Supervisor: MARK MALINOWSKI
Cleanup Status: NO FURTHER ACTION AS OF 3/29/2001
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: CHULA VISTA ELEMENTARY SCHOOL DISTRICT
Past Use that Caused Contam: RESIDENTIAL AREA
Potential Media Affected: SOIL
Potential Contamin of Concern:

ARSENIC
DDD
DDE
DDT

LEAD

Site History:

Vacant Site. A commercial nursery was operated on the site until 1998.

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 50-55%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=37880001

Completed Activities

Title: Phase 1
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 11/23/1999
Comments: DTSC approved the Phase I with a PEA requied determination.

Title: Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 11/19/1999
Comments:

Title: Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 3/22/2000
Comments:

Title: Environmental Oversight Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=37880001&enforcement_id=6005562
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 3/16/2000
Comments: DTSC entered into an EOA (Docket Number HSA-A 99/00-085)

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=37880001&doc_id=6005564
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 3/29/2001
Comments: DTSC approved the PEA with a no further action determination.

108	*1 of 1*	*NNW*	*0.96 / 5,051.01*	*7.98 / -10*	***SWEET WATER MARSH - GUNPOWDER POINT/PARADISE MARSH BURNASH PROPERTY***	***ENVIROSTOR***

1000 FEET NORTH OF E STREET
CHULA VISTA CA 91910

Estor/EPA ID:	60001980	***Assembly District:***	, 80
Site Code:	401663	***Senate District:***	, 40
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	5623-000-200, 5623000200, 5650100800	***Public Partici Spclst:***	
Census Tract:	6073012502	***Project Manager:***	GREG SWEEL
Site Type:	VOLUNTARY AGREEMENT	***County:***	SAN DIEGO
Address Description:	1000 FEET NORTH OF E STREET	***Latitude:***	32.646883
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	***Longitude:***	-117.105171
Special Program:	VOLUNTARY AGREEMENT - STANDARD VOLUNTARY AGREEMENT	***Acres:***	8.2 ACRES
Funding:	SITE PROPONENT	***Supervisor:***	YOLANDA GARZA

Cleanup Status: NO FURTHER ACTION AS OF 6/3/2019
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: UNKNOWN
Potential Media Affected: SEDIMENTS, SOIL, UNDER INVESTIGATION
Potential Contamin of Concern:

POLYCHLORINATED BIPHENYLS (PCBS)
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)
UNDER INVESTIGATION

Site History:

This property is located approximately 1000 feet north of East Street in Chula Vista (San Diego County) and is identified by San Diego County Assessor's Parcel Numbers 5623-000-200 and 565-0100-800, and any off-site area to which hazardous substances have or may have migrated. The property is approximately 8.2 acres in size and is currently unoccupied, fenced and gated, and owned and operated as a utility corridor by San Diego Gas & Electric (SDG&E). In general, north of the SDG&E property is a bridge over the Sweet Water River. To the north and west of the river are commercial properties, including a marina. Immediately east of the property is an out of service rail line, previously used by passenger trains. South of the property consists of a parking lot for the Chula Vista Nature Preserve. Immediately west of the property is open land which is part of the U.S. Fish & Wildlife Service (USFWS) San Diego Bay National Wildlife Refuge.

The County of San Diego considers portions of the Sweetwater Marsh a Closed, Inactive and Abandoned (CIA) disposal site. SDG&E initiated a response for its property by removing undocumented fill, suspected to be burn ash, from two areas. Approximately 160 cubic yards (CY) of material was removed from these two areas. SDG&E prepared and submitted a workplan for delineation of undocumented non-burn ash fill materials in 2012. Due to the potential presence of hazardous wastes within the burn ash areas, the lead for regulatory management of the burn ash material at the SDG&E property was transferred from the County of San Diego to DTSC under a Voluntary Cleanup Agreement (VCA) in February 2014.

SDG&E then prepared and submitted a Supplemental Site Characterization Workplan (Workplan), dated September 10, 2014, with the explicit purpose of documenting that no additional burn ash remains on site, and that the presence of other undocumented fill materials does not pose an undue risk to sites' occasional commercial workers or visitors. After DTSC reviewed and approved the Workplan, SDG&E completed the additional investigation in 2014, and submitted the Supplemental Site Characterization Report (SI) for DTSC review January 2015. SDG&E prepared a workplan addendum in response to DTSC's comments dated July 27, 2015, in which DTSC reviewed the SI Report and determined that additional lateral delineation of potentially undocumented fill was necessary in one area of the site. SDG&E concurred that additional lateral delineation of the area would assist in determining that the slightly elevated polycyclic aromatic hydrocarbons (PAHs) posed no additional risk to future hypothetical site occupants. The additional investigation was performed on January 14, 2016. In a letter dated May 8, 2017, DTSC concurred that undocumented fill areas within the property boundary were fully delineated; however, the off-site extent of PAHs along the eastern property boundary was not fully delineated. DTSC acknowledged that, based on the risk assessment, potential exposures to maintenance workers and/or trespassers was acceptable.

DTSC determined no further action is warranted and terminated VCA.

The USFWS is currently investigating the Sweetwater Marsh area, located adjacent to this site and conducting an ECO risk assessment.

Status: NO FURTHER ACTION
Program Type: VOLUNTARY CLEANUP
CalEnviroScreen Score: 85-90%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001980

Completed Activities

Title: Engineering Evaluation/ Cost Anaylsis USFWS
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&doc_id=60436049
Area Name:
Area Link:

Sub Area:
Sub Area Link:
Document Type: Technical Workplan
Date Completed: 12/12/2017
Comments: DTSC sent comments in the USFWS public comment period on EE/CA

Title: Site Characterization Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&doc_id=60365648
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Report
Date Completed: 12/18/2015
Comments: Report was conditionally approved pending some comments to be addressed in the fieldwork.

Title: Supplemental Site Characterization Workplan
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&doc_id=60353166
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Characterization Workplan
Date Completed: 10/9/2014
Comments: Conditional approval letter was sent on 10/8/2014.

Title: Notification of Change in Project Manager
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&enforcement_id=60452829
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Correspondence
Date Completed: 10/3/2018
Comments: PM change to G Sweel.

Title: FY 16/17 Annual Oversight Cost Estimate
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&enforcement_id=60417592
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/20/2016
Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Title: Annual Oversight Cost Estimate FY 2014 - 2015
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&enforcement_id=60366299
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Annual Oversight Cost Estimate
Date Completed: 7/17/2014
Comments:

Title: Voluntary Cleanup Agreement Docket #HSA-VCA 13/14-080
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&enforcement_id=60352841
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Standard Voluntary Agreement
Date Completed: 2/25/2014
Comments: VCA fully executed.

Title: Sweetwater Marsh Identification of ARARs
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&enforcement_id=60418198
Area Name:

Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Correspondence
Date Completed:	9/26/2016
Comments:	letter regarding the Applicable or Relevant and Appropriate Requirements (ARARs) for the Sweetwater Marsh, San Diego Bay National Wildlife Refuge was sent.
Title:	Addendum to Supplemental Site Characterization Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001980&doc_id=60376934
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Site Characterization Report
Date Completed:	5/8/2017
Comments:	Report was approved. The site status for this project will remain as "Inactive - action required".
Title:	Fieldwork Implementation of Site Characterization Work Plan.
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Fieldwork
Date Completed:	10/17/2014
Comments:	Implementation of supplemental Site Investigation workplan was accomplished.

Unplottable Summary

Total: 34 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CHMIRS	San Diego Gas and Electric	Throughout the Fire Storm Area of San Diego County ***Control No* | *Notified Date:*** 07-6625 |	San Diego CA		821891225
ERNS		H STREET ***NRC Report No:*** 120735	CHULA VISTA CA		807195304
ERNS		I-5 FREEWAY ***NRC Report No:*** 909860	SAN DIEGO CA		806919696
ERNS		FOOT OF H STREET ***NRC Report No:*** 126525	CHULA VISTA CA	919120878	806867086
FINDS/FRS	SLUDGE SOIL AMENDMENT APPLICAT	VARIOUS SITES IN SAN DIEGO CO ***Registry ID:*** 110065524196	SAN DIEGO CA	92101	840052200
FINDS/FRS	BIOSOLIDS APP IN SD COUNTY	SAN DIEGO COUNTY ***Registry ID:*** 110066001123	SAN DIEGO CA	92101	840160734
FINDS/FRS	SDG&E - MONTGOMERY SUBSTATION	G STNA 0.3 MILES W/OF BAY BL ***Registry ID:*** 110066400530	CHULA VISTA CA	91910	840187118
FINDS/FRS	CALTRANS DISTRICT 11, SAN DIEGO, CA	I-5, PM R25.9-R26.8, (11-42010) ***Registry ID:*** 110070658411	SAN DIEGO CA	92122	882284367
FINDS/FRS	SAN DIEGO COUNTY/EMERG RESPONSE ONLY	SAN DIEGO COUNTY ***Registry ID:*** 110070430649	-- CA	00000-0000	874885863
FINDS/FRS	CALTRANS DISTRICT 11, SAN DIEGO, CA	NORTHBOUND & SOUTHBOUND I-5 ***Registry ID:*** 110070435874	SAN DIEGO CA	92121	874867586
HAZ GEN	SAN DIEGO GAS AND	G STREET .3 MI W/OF BAY BLVD.	CHULA VISTA CA	91910	900169377

	ELECTRIC				
HAZ GEN	CALTRANS D-11/EA11-407604	I-5 PM 7.3	SAN DIEGO CA	92154	900104386
HAZ GEN	SAN DIEGO GAS AND ELECTRIC	G STREET .3 MI W/OF BAY BLVD.	CHULA VISTA CA	91910	900138218
HAZ GEN	SAN DIEGO COUNTY STORM DAMAGE	SAN DIEGO COUNTY	SAN DIEGO CA	000000000	900147164
HAZ GEN	CALTRANS D-11/EA11-080404	I-5 NB & SB PM RO.3-R10.0	SAN DIEGO CA	92173	900538802
HAZ GEN	CALTRANS D-11/EA 11-261604	I-5 (NB&SB)	SAN DIEGO CA	92101	900463450
HAZ GEN	CALTRANS D-11/EA 11-261604	I-5 NB & SB	SAN DIEGO CA	92101	899943537
HAZ GEN	CALTRANS D-11/EA11-261604	I-5 NB & SB R10.1 - R22.2	SAN DIEGO CA	92101	900424802
HAZ GEN	SAN DIEGO GAS AND ELECTRIC	G STREET .3 MI W/OF BAY BLVD.	CHULA VISTA CA	91910	900413625
HAZ GEN	SAN DIEGO COUNTY EMERGENCY RESPONSE	SAN DIEGO COUNTY WILDFIRE	SAN DIEGO CA	92101	900330366
HAZ GEN	CALTRANS/D-11/EA11-261604	I-5 NB AND SB PM 4.0 TO R22.3	CHULA VISTA CA	91910	900224753
HAZ GEN	SAN DIEGO COUNTY/EMERG RESPONSE ONLY	SAN DIEGO COUNTY	-- CA	000000000	900050643
HAZ TSD	SAN DIEGO COUNTY EMERGENCY RESPONSE	SAN DIEGO COUNTY WILDFIRE	SAN DIEGO CA	92101	899869978
HAZ TSD	CALTRANS D-11/EA 11-261604	I-5 (NB&SB)	SAN DIEGO CA	92101	899863049

HAZNET	SAN DIEGO COUNTY/EMERG RESPONSE 2003 FIRES	SAN DIEGO COUNTY FIRE WASTE ONLY	SAN DIEGO CA	000000000	826645109
HAZNET	1X CITY OF SAN DIEGO/ADMN BLDG	B JOHN MONTGOMERY DR	SAN DIEGO CA	921020000	826109045
HAZNET	CALTRANS D-11/EA11-240104	I-5 NB & SB PM R10.0 TO 20.0	SAN DIEGO CA	92101	826477006
HIST MANIFEST		FOOT OF H ST GATE 66	CHULA VISTA CA	920120000	827490094
HIST MANIFEST		B JOHN MONTGOMERY DR	SAN DIEGO CA	921020000	827465942
HIST MANIFEST		FOOT OF H ST	CHULA VISTA CA	920100000	827566005
HIST MANIFEST		SAN DIEGO COUNTY	-- CA	0	827541709
MRDS	MURRAY CANYON PLANT	SAN DIEGO COUNTY ***Dep ID:*** 10165331	SAN DIEGO CA	92108	888483558
RCRA NON GEN	CALTRANS DISTRICT 11, SAN DIEGO, CA	NORTHBOUND & SOUTHBOUND I-5 (11-0223U) ***EPA Handler ID:*** CAC002980149	SAN DIEGO CA	92121	873943290
SAM SANDIEGO	BAY BLVD PROJECTS	0 BAY BLVD	Chula Vista CA		820133562

Unplottable Report

Site: ***San Diego Gas and Electric***
Throughout the Fire Storm Area of San Diego County San Diego CA CHMIRS

Control No:	07-6625	***Notified Date:***	
County:	San Diego County	***Notified Date Time:***	
Year:	2007		
URL:	https://w3.calema.ca.gov/operational/malhaz.nsf/f1841a103c102734882563e200760c4a/832a9c41827c5a5c882573830061e1f6?OpenDocument		

California Hazardous Material Incident Report System (as of 2006 to 2015)

Contained:	Unknown	***3 Ves >= 300 Tons:***	
1 Substance:	Mineral Oil, Unknown PCB	***Incident Date:***	10/21/2007
1 Measure:	Gal(s)	***Incident Time:***	0
1 Other:		***Spill Site:***	Other
1 Quantity:	Unknown	***Injuries?:***	
1 Type:	PETROLEUM	***No of Injuries:***	0
1 Pipeline:		***Fatals?:***	
1 Vessel >= 300 Tons:		***No of Fatals:***	0
2 Substance:		***Evacs?:***	
2 Quantity:		***No of Evacs:***	0
2 Measure:		***Cleanup:***	Reporting Party
2 Type:		***Site:***	
2 Other:		***Cause:***	
2 Pipeline:		***Cause Other:***	
2 Vessel >= 300 Tons:		***Dog No:***	
3 Substance:		***Water:***	No
3 Quantity:		***Water Way:***	
3 Measure:		***City:***	San Diego
3 Type:		***County:***	San Diego County
3 Other:		***ZIP:***	
3 Pipeline:			
Admin Agency:	San Diego County Health Services Dept.		
Notification Area:	AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS		
Location:	Throughout the Fire Storm Area of San Diego County		
Description:	Caller states they are in the process of emergency restoration of power, removing transformers and staging. SDG&E may have small releases of substance that will be cleaned up to the best of their ability. SDG&E is also moving severely burned equipment with no remaining oil nor the ability to discern if a release has occurred. An emergency transportation variance from DTSC has been issued that allows contractors and other utility crews to use this PCB Variance.		

Spill Report View

Amount 1:		***Creation Date:***	10/29/2007 10:49 AM
Amount 2:		***Received By:***	
Amount 3:		***Admin Agency:***	
Water:		***Admin Agency 2:***	
On Scene:		***Additional County:***	
Other on Scene:		***Phone No:***	
Other Notified:		***Ext:***	
Document Title:	SPILL Report	***Pag Cell:***	
Spill Site:	Other		
Type:	PETROLEUM		
Cause Desc for Other:			
Person Notifying Cal OES:			

Hazardous Materials Spill Report

Date :	10/29/2007	***Water Involved:***	No

Time:	1049	***Drink Wtr Impact:***	
Incident Date:	10/21/2007	***Detail for Other:***	
Incident Time:	0000	***UPRR Rim No:***	
Control Cal OES:	07-6625	***DOG Unit:***	
Control NRC:		***RWQCB Unit:***	9

Contained: Unknown
Waterway:
Received By:
Cleanup By: Reporting Party
Incident Location: Throughout the Fire Storm Area of San Diego County
Additional County:
1 Substance: Mineral Oil, Unknown PCB
1 Qty: =
1 Amount : Unknown
1 Measure: Gal(s)
1 Type: PETROLEUM
1 Other:
1 Pipeline: No
1 Ves >= 300 Tons: No
2 Substance:
2 Qty: =
2 Amount:
2 Measure:
2 Type:
2 Other:
2 Pipeline: No
2 Ves >= 300 Tns: No
3 Substance:
3 Qty: =
3 Amount:
3 Measure:
3 Type:
3 Other:
3 Pipeline: No
3 Ves >= 300 Tons: No
Injuries: No
Fatality: No
Evacuation: No
Known Impact:
Name:
Agency: San Diego Gas and Electric
Phone:
Ext:
Pag Cell:
PRS Name:
PRS Agency:
PRS Phone:
PRS Ext:
PRS Pag Cell:
Sec Agency:
Admin Agency: San Diego County Health Services Dept.
Admin Agency 2:
Notification Info:
Notification List:
On Scene:
Other on Scene:
Other Notified:
Header Unknown: SAN DIEGO COUNTY APCD
Incident Desc:
Site: Other
Description for Other :
Reported Cause:
R R Crssing < 50 Ft:
Description: Caller states they are in the process of emergency restoration of power, removing transformers and staging. SDG&E may have small releases of substance that will be cleaned up to the best of their ability. SDG&E is also moving severely burned equipment with no remaining oil nor the ability to discern if a release has occurred. An emergency transportation variance from DTSC has been issued that allows contractors and other utility crews to use this PCB Variance.

Site:

ERNS

H STREET CHULA VISTA CA

NRC Report No:	120735	***Latitude Degrees:***	
Type of Incident:	RAILROAD	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/5/1992 7:25:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	SAN DIEGO	***Location Township:***	
Potential Flag:		***Location Range:***	
Year:	Year 1992 Reports		

Description of Incident: PEDESTRIAN WAS STRUCK BY A LIGHT RAIL VEHICLE

Calls Information

Date Time Received:	6/6/1992 1:05:13 AM	***Responsible City:***	
Date Time Complete:	6/6/1992 1:12:08 AM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	8	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:		***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:		***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:	1	***Water Supp Contam:***	
Any Fatalities:	Y	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:		***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:		***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:		***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:		***Sheen Size Length:***	
Track Closed:		***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	RAIL REPORT (N/A)	***Duration Unit:***	
Addl Medium Info:		***Additional Info:***	

Site:

I-5 FREEWAY SAN DIEGO CA

ERNS

NRC Report No:	909860	***Latitude Degrees:***	
Type of Incident:	MOBILE	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/26/2009 11:20:00 AM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	SAN DIEGO	***Location Township:***	
Potential Flag:	No	***Location Range:***	
Year:	Year 2009 Reports		

Description of Incident: A CAR CRASHED THROUGH THE GUARD RAIL AND INTO A CREEK. THE DRIVER OF THE VEHICLE IS INJURED AND HAS BEEN TRANSPORTED TO THE HOSPITAL. THE HIGHWAY HAS REMAINED OPEN (ONE LANE IS RESTRICTED)

Material Spill Information

Chris Code:	GAS	***Unit of Measure:***	GALLON(S)
CAS No:	000000-00-0	***If Reached Water:***	YES
UN No:		***Amount in Water:***	0.25
Name of Material:	GASOLINE: AUTOMOTIVE (UNLEADED)	***Unit Reach Water:***	GALLON(S)
Amount of Material:	0.25		

Calls Information

Date Time Received:	6/26/2009 2:47:54 PM	***Responsible City:***	
Date Time Complete:	6/26/2009 2:56:06 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	U
NPDES:		***Airbag Deployed:***	U
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:		***Brakeman Test:***	
Grade Crossing:	U	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	U	***Unknown Test:***	

Incident Details Information

Release Secured:	N	***State Agen Report No:***	NONE
Release Rate:		***State Agen on Scene:***	CALIFORNIA FISH & GAME
Release Rate Unit:		***State Agen Notified:***	SEE ADD'L INFO
Release Rate Rate:		***Fed Agency Notified:***	USCG
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	TOW TRUCK IS ON SCENE FOR SALVAGE	***Body of Water:***	UNNAMED CREEK
Fire Involved:	N	***Tributary of:***	MISSION BAY
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	SUNNY
Radius of Evacu:		***Air Temperature:***	72
Any Injuries:	Y	***Wind Direction:***	
No. Injured:	1	***Wind Speed:***	1

No. Hospitalized:	1	***Wind Speed Unit:***	KNTS
No. Fatalities:		***Water Supp Contam:***	N
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	
Waterway Close Time:		***Passengers Transfer:***	NO
Road Closed:	N	***Passenger Injuries:***	0
Road Desc:		***Employee Injuries:***	0
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	50
Track Closed:	N	***Sheen Size Length U:***	YARDS
Track Desc:		***Sheen Size Width:***	1
Track Closure Time:		***Sheen Size Width U:***	YARDS
Track Closure Units:		***Sheen Color:***	RAINBOW
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	WATER	***Duration Unit:***	
Addl Medium Info:		***Additional Info:***	AGENCIES ON SCENE INCLUDE: CALIFORNIA HIGHWAY PATROL, MISSION BAY LIFEGUARD, AND SAN DIEGO FIRE DEPARTMENT.

Site:

FOOT OF H STREET CHULA VISTA CA 919120878

ERNS

NRC Report No:	126525	***Latitude Degrees:***	
Type of Incident:	FIXED	***Latitude Minutes:***	
Incident Cause:	OTHER	***Latitude Seconds:***	
Incident Date:	7/13/1992 2:00:00 PM	***Longitude Degrees:***	
Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	SAN DIEGO	***Location Township:***	
Potential Flag:		***Location Range:***	
Year:	Year 1992 Reports		

Description of Incident: PROCESS TANK HAD MATERIALS RUN DOWN SIDE OF TANK INTO SECONDARYCONTAINMENT

Material Spill Information

Chris Code:	SNT	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	SODIUM NITRITE	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Chris Code:	SCR	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	SODIUM DICHROMATE	***Unit Reach Water:***	UNKNOWN AMOUNT
Amount of Material:	0		

Calls Information

Date Time Received:	7/13/1992 6:59:47 PM	***Responsible City:***	CHULA VISTA
Date Time Complete:	7/13/1992 7:06:31 PM	***Responsible State:***	CA
Call Type:	INC	***Responsible Zip:***	919120878
Resp Company:	ROHR INC.	***Source:***	UNAVAILABLE
Resp Org Type:	PRIVATE ENTERPRISE		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	UNKNOWN	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:		***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	NONE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:		***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:		***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:		***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	

Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:		***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:		***Sheen Size Length:***	
Track Closed:		***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	LAND	***Duration Unit:***	
Addl Medium Info:	SOIL	***Additional Info:***	

Site: ***SLUDGE SOIL AMENDMENT APPLICAT***
VARIOUS SITES IN SAN DIEGO CO SAN DIEGO CA 92101

FINDS/FRS

Registry ID:	110065524196
FIPS Code:	
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	13-OCT-15
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	
Census Block Code:	
EPA Region Code:	09
County Name:	SAN DIEGO COUNTY
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110065524196
Program Acronyms:	

CA-ENVIROVIEW:347640

Site: ***BIOSOLIDS APP IN SD COUNTY***
SAN DIEGO COUNTY SAN DIEGO CA 92101

FINDS/FRS

Registry ID:	110066001123
FIPS Code:	
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	14-OCT-15
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	

SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 09
County Name: SAN DIEGO COUNTY
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066001123
Program Acronyms:

CA-ENVIROVIEW:345764

Site: ***SDG&E - MONTGOMERY SUBSTATION***
G STNA 0.3 MILES W/OF BAY BL CHULA VISTA CA 91910

FINDS/FRS

Registry ID: 110066400530
FIPS Code:
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 14-OCT-15
Update Date:
Interest Types: STATE MASTER
SIC Codes: 4939
SIC Code Descriptions: COMBINATION UTILITIES, NOT ELSEWHERE CLASSIFIED
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 09
County Name: SAN DIEGO COUNTY
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066400530
Program Acronyms:

CA-ENVIROVIEW:152081

Site: ***CALTRANS DISTRICT 11, SAN DIEGO, CA***
I-5, PM R25.9-R26.8, (11-42010) SAN DIEGO CA 92122

FINDS/FRS

Registry ID: 110070658411
FIPS Code: 06073
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location: GILMAN DRIVE AUX LANE
Create Date: 26-NOV-19
Update Date:
Interest Types: UNSPECIFIED UNIVERSE
SIC Codes:
SIC Code Descriptions:
NAICS Codes: 237310
NAICS Code Descriptions: HIGHWAY, STREET, AND BRIDGE CONSTRUCTION.
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 09
County Name: SAN DIEGO
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070658411
Program Acronyms:

RCRAINFO:CAC003026721

Site: ***SAN DIEGO COUNTY/EMERG RESPONSE ONLY***
SAN DIEGO COUNTY -- CA 00000-0000

FINDS/FRS

Registry ID: 110070430649
FIPS Code: 06073
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 31-DEC-18
Update Date:
Interest Types: OTHER HAZARDOUS WASTE ACTIVITIES, TRANSPORTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 09
County Name: SAN DIEGO
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:

Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070430649
Program Acronyms:

RCRAINFO:CAS111111037

Site: ***CALTRANS DISTRICT 11, SAN DIEGO, CA***
NORTHBOUND & SOUTHBOUND I-5 SAN DIEGO CA 92121

FINDS/FRS

Registry ID: 110070435874
FIPS Code: 06073
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location: (11-0223U)
Create Date: 31-DEC-18
Update Date:
Interest Types: OTHER HAZARDOUS WASTE ACTIVITIES
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 09
County Name: SAN DIEGO
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070435874
Program Acronyms:

RCRAINFO:CAC002980149

Site: ***SAN DIEGO GAS AND ELECTRIC***
G STREET .3 MI W/OF BAY BLVD. CHULA VISTA CA 91910

HAZ GEN

Epa ID: CAC002797117 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002797117

Site: ***CALTRANS D-11/EA11-407604***
I-5 PM 7.3 SAN DIEGO CA 92154

HAZ GEN

Epa ID: CAC002848647 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002848647

Site: ***SAN DIEGO GAS AND ELECTRIC***

G STREET .3 MI W/OF BAY BLVD. CHULA VISTA CA 91910 HAZ GEN

Epa ID: CAC002913876 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002913876

Site: ***SAN DIEGO COUNTY STORM DAMAGE***
SAN DIEGO COUNTY SAN DIEGO CA 000000000 HAZ GEN

Epa ID: CAE011095037 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAE011095037

Site: ***CALTRANS D-11/EA11-080404***
I-5 NB & SB PM RO.3-R10.0 SAN DIEGO CA 92173 HAZ GEN

Epa ID: CAC002674470 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002674470

Site: ***CALTRANS D-11/EA 11-261604***
I-5 (NB&SB) SAN DIEGO CA 92101 HAZ GEN

Epa ID: CAC002879805 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002879805

Site: ***CALTRANS D-11/EA 11-261604***
I-5 NB & SB SAN DIEGO CA 92101 HAZ GEN

Epa ID: CAC002866969 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002866969

Site: ***CALTRANS D-11/EA11-261604***
I-5 NB & SB R10.1 - R22.2 SAN DIEGO CA 92101 HAZ GEN

Epa ID: CAC002850710 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002850710

Site: ***SAN DIEGO GAS AND ELECTRIC***
G STREET .3 MI W/OF BAY BLVD. CHULA VISTA CA 91910 HAZ GEN

Epa ID: CAC002816193 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System:

https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002816193

Site: ***SAN DIEGO COUNTY EMERGENCY RESPONSE***
SAN DIEGO COUNTY WILDFIRE SAN DIEGO CA 92101 HAZ GEN

Epa ID: CAS071107037 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAS071107037

Site: ***CALTRANS/D-11/EA11-261604***
I-5 NB AND SB PM 4.0 TO R22.3 CHULA VISTA CA 91910 HAZ GEN

Epa ID: CAC002812194 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002812194

Site: ***SAN DIEGO COUNTY/EMERG RESPONSE ONLY***
SAN DIEGO COUNTY -- CA 000000000 HAZ GEN

Epa ID: CAS111111037 ***Facility County:*** 37
Address 2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAS111111037

Site: ***SAN DIEGO COUNTY EMERGENCY RESPONSE***
SAN DIEGO COUNTY WILDFIRE SAN DIEGO CA 92101 HAZ TSD

EPA ID: CAS071107037 ***Facility County:*** 37
Facility Street2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAS071107037

Site: ***CALTRANS D-11/EA 11-261604***
I-5 (NB&SB) SAN DIEGO CA 92101 HAZ TSD

EPA ID: CAC002879805 ***Facility County:*** 37
Facility Street2: ***County:*** San Diego
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
Handler Profile URL: https://hwts.dtsc.ca.gov/facility/CAC002879805

Site: ***SAN DIEGO COUNTY/EMERG RESPONSE 2003 FIRES***
SAN DIEGO COUNTY FIRE WASTE ONLY SAN DIEGO CA 000000000 HAZNET

SIC Code: ***Mailing City:*** SACRAMENTO
NAICS Code: ***Mailing State:*** CA
EPA ID: CAS031031037 ***Mailing Zip:*** 958120806
Create Date: 10/31/2003 2:51:49 PM ***Region Code:*** 4
Fac Act Ind: No ***Owner Name:*** DEPT OF TOXIC SUBSTANCES CONTROL
Inact Date: 3/13/2006 ***Owner Addr 1:*** PO BOX 806
County Code: 37 ***Owner Addr 2:***
County Name: San Diego ***Owner City:*** SACRAMENTO
Mail Name: GENERATOR INFORMATION SERVICES ***Owner State:*** CA
Mailing Addr 1: PO BOX 806 ***Owner Zip:*** 958120806

Mailing Addr 2: ***Owner Phone:*** 8006186942
Owner Fax:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAS031031037

Site: ***1X CITY OF SAN DIEGO/ADMN BLDG***
B JOHN MONTGOMERY DR SAN DIEGO CA 921020000

HAZNET

SIC Code: ***Mailing City:*** SAN DIEGO
NAICS Code: ***Mailing State:*** CA
EPA ID: CAC000113733 ***Mailing Zip:*** 921020000
Create Date: 9/7/1988 ***Region Code:*** 4
Fac Act Ind: No ***Owner Name:*** CITY OF SAN DIEGO
Inact Date: 10/25/2000 ***Owner Addr 1:*** --
County Code: 37 ***Owner Addr 2:***
County Name: San Diego ***Owner City:*** --
Mail Name: ***Owner State:*** 99
Mailing Addr 1: 1970 B ST/MAIL STOP 20 ***Owner Zip:*** --
Mailing Addr 2: ***Owner Phone:*** 0000000000
Owner Fax:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC000113733

Site: ***CALTRANS D-11/EA11-240104***
I-5 NB & SB PM R10.0 TO 20.0 SAN DIEGO CA 92101

HAZNET

SIC Code: ***Mailing City:*** SAN DIEGO
NAICS Code: ***Mailing State:*** CA
EPA ID: CAC002676376 ***Mailing Zip:*** 92110
Create Date: 9/23/2011 ***Region Code:*** 4
Fac Act Ind: No ***Owner Name:*** CALTRANS
Inact Date: 3/22/2012 ***Owner Addr 1:*** 1120 N ST
County Code: 37 ***Owner Addr 2:*** MS 31
County Name: San Diego ***Owner City:*** SACRAMENTO
Mail Name: CALTRANS ***Owner State:*** CA
Mailing Addr 1: 4050 TAYLOR ST ***Owner Zip:*** 95814
Mailing Addr 2: MS 310 ***Owner Phone:*** 0000000000
Owner Fax:
Details DTSC HWTS: The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System: https://hwts.dtsc.ca.gov/search
DTSC Handler Profile url: https://hwts.dtsc.ca.gov/facility/CAC002676376

Site:
FOOT OF H ST GATE 66 CHULA VISTA CA 920120000

HIST MANIFEST

Gen EPA ID: CAD981967284
Create Date: 07/03/1987 0:00
Inact Date: 6/30/2000 0:00:00
Facility Mail Street: 4464 ALVARADO CANYON ROAD
Facility Mail City: SAN DIEGO
Facility Mail State: CA
Facility Mail Zip: 921204302
Contact Phone(s): --
File Year(s): 1988
Contact Name(s): UNDELIVERABLE SURVEY 1-25-95LH

Tanner Information

State Waste Code: 141 ***Generator County:*** San Diego
Year: 1988 ***Tsd Epa ID:*** CAD095894556

Tons: 0.77 ***Tsd County:*** San Diego
Method Code: D99
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:

Tanner Information

State Waste Code: 223 ***Generator County:*** San Diego
Year: 1988 ***Tsd Epa ID:*** CAD095894556
Tons: 0.45 ***Tsd County:*** San Diego
Method Code: D99
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Site:
B JOHN MONTGOMERY DR SAN DIEGO CA 921020000 HIST MANIFEST

Gen EPA ID: CAC000113733
Create Date: 09/07/1988 0:00
Inact Date: 10/25/2000 0:00:00
Facility Mail Street: 1970 B ST/MAIL STOP 20
Facility Mail City: SAN DIEGO
Facility Mail State: CA
Facility Mail Zip: 921020000
Contact Phone(s): 6192366786
File Year(s): 1988
Contact Name(s): ALAN JOHANNS, PROG SUP

Tanner Information

State Waste Code: 151 ***Generator County:*** San Diego
Year: 1988 ***Tsd Epa ID:*** CAT000646117
Tons: 0.35 ***Tsd County:*** Kings
Method Code: D80
State Waste Code Desc: Asbestos containing waste
Method Description:

Site:
FOOT OF H ST CHULA VISTA CA 920100000 HIST MANIFEST

Gen EPA ID: CAD981168164
Create Date: 04/10/1987 0:00
Inact Date: 6/30/1996 0:00:00
Facility Mail Street: PO BOX 1831
Facility Mail City: SAN DIEGO
Facility Mail State: CA
Facility Mail Zip: 921120000
Contact Phone(s): --
File Year(s): 1986; 1987; 1988
Contact Name(s): DEACT PER VQ96

Tanner Information

State Waste Code: 223 ***Generator County:*** San Diego
Year: 1987 ***Tsd Epa ID:*** CAT000613547
Tons: 20.01 ***Tsd County:*** San Diego
Method Code: R01
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Tanner Information

State Waste Code: 181 ***Generator County:*** San Diego
Year: 1988 ***Tsd Epa ID:*** CAD020748125
Tons: 0.6 ***Tsd County:*** Santa Barbara
Method Code: D80

State Waste Code Desc: Other inorganic solid waste
Method Description:

Tanner Information

State Waste Code: 221
Year: 1986
Tons: 5.21
Method Code: 1
State Waste Code Desc: Waste oil and mixed oil
Method Description:
Generator County: San Diego
Tsd Epa ID:
Tsd County:

Tanner Information

State Waste Code: 352
Year: 1987
Tons: 0.4
Method Code: D80
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 221
Year: 1987
Tons: 0.21
Method Code: 1
State Waste Code Desc: Waste oil and mixed oil
Method Description:
Generator County: San Diego
Tsd Epa ID:
Tsd County:

Site:
SAN DIEGO COUNTY -- CA 0

HIST MANIFEST

Gen EPA ID: CAS111111037
Create Date: 11/06/1990 0:00
Inact Date:
Facility Mail Street: --
Facility Mail City: SAN DIEGO
Facility Mail State: CA
Facility Mail Zip: 0
Contact Phone(s): 0
File Year(s): 1989; 1990; 1991; 1992
Contact Name(s): EMERGENCY RESPONSE

Tanner Information

State Waste Code: 181
Year: 1989
Tons: 0
Method Code: 99
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County:
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 223
Year: 1989
Tons: 0.02
Method Code: 14
State Waste Code Desc: Unspecified oil-containing waste
Method Description:
Generator County:
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 221
Generator County: San Diego

Year: 1989
Tons: 0.06
Method Code: T01
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 352
Year: 1989
Tons: 0.01
Method Code: D99
State Waste Code Desc: Other organic solids
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1989
Tons: 0.55
Method Code: D99
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 352
Year: 1989
Tons: 0.03
Method Code: H01
State Waste Code Desc: Other organic solids
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 461
Year: 1989
Tons: 0.1
Method Code: H01
State Waste Code Desc: Paint sludge
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 221
Year: 1990
Tons: 1.6
Method Code: R01
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 551
Year: 1990
Tons: 0.2
Method Code: R01
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 611
Year: 1990
Tons: 1.77

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Method Code:
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Tanner Information

State Waste Code: 122
Year: 1990
Tons: 0.06
Method Code: H01
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:
Generator County: San Diego
Tsd Epa ID: AZT050010180
Tsd County: Unknown

Tanner Information

State Waste Code: 352
Year: 1990
Tons: 0.02
Method Code: H01
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: AZT050010180
Tsd County: Unknown

Tanner Information

State Waste Code: 611
Year: 1990
Tons: 4.37
Method Code: D99
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 122
Year: 1990
Tons: 0.04
Method Code:
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 141
Year: 1990
Tons: 0.04
Method Code:
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 352
Year: 1990
Tons: 0.61
Method Code:
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 141
Year: 1990
Tons: 0.02
Method Code: T01
State Waste Code Desc: Off-specification, aged or surplus inorganics
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Description:

Tanner Information

State Waste Code:		***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.05	***Tsd County:***	Unknown
Method Code:	3		
State Waste Code Desc:			
Method Description:			

Tanner Information

State Waste Code:	181	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.18	***Tsd County:***	Unknown
Method Code:	R01		
State Waste Code Desc:	Other inorganic solid waste		
Method Description:			

Tanner Information

State Waste Code:	214	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.08	***Tsd County:***	Unknown
Method Code:	D99		
State Waste Code Desc:	Unspecified solvent mixture		
Method Description:			

Tanner Information

State Waste Code:	331	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	4.10E-03	***Tsd County:***	Unknown
Method Code:	R01		
State Waste Code Desc:	Off-specification, aged or surplus organics		
Method Description:			

Tanner Information

State Waste Code:	343	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.2	***Tsd County:***	Unknown
Method Code:	1		
State Waste Code Desc:	Unspecified organic liquid mixture		
Method Description:			

Tanner Information

State Waste Code:	352	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.46	***Tsd County:***	Unknown
Method Code:	D80		
State Waste Code Desc:	Other organic solids		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.05	***Tsd County:***	Unknown
Method Code:	D99		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.05	***Tsd County:***	Unknown
Method Code:	T01		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	211	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAD000802309
Tons:	4.10E-03	***Tsd County:***	
Method Code:	1		
State Waste Code Desc:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)		
Method Description:			

Tanner Information

State Waste Code:	352	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAD050806850
Tons:	0.18	***Tsd County:***	Los Angeles
Method Code:	T01		
State Waste Code Desc:	Other organic solids		
Method Description:			

Tanner Information

State Waste Code:	181	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT000646117
Tons:	0.02	***Tsd County:***	Kings
Method Code:			
State Waste Code Desc:	Other inorganic solid waste		
Method Description:			

Tanner Information

State Waste Code:	441	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.16	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Sulfur sludge		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.06	***Tsd County:***	San Diego
Method Code:			
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT000646117
Tons:	0.31	***Tsd County:***	Kings
Method Code:	D99		
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code: 135
Year: 1991
Tons: 0.02
Method Code: T01
State Waste Code Desc: Unspecified aqueous solution
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1991
Tons: 1.44
Method Code: H01
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 612
Year: 1991
Tons: 8.30E-03
Method Code: T01
State Waste Code Desc: Household waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 5.00E-04
Method Code: T01
State Waste Code Desc: Other inorganic solid waste
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 223
Year: 1992
Tons: 0.04
Method Code: R01
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 611
Year: 1992
Tons: 0.15
Method Code: D80
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 741
Year: 1992
Tons: 0.12
Method Code: R01
State Waste Code Desc: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 791

Generator County: San Diego

Year: 1992
Tons: 8.30E-03
Method Code:
State Waste Code Desc: Liquids with pH <= 2
Method Description:
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 611
Year: 1992
Tons: 0.22
Method Code: H01
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD000088252
Tsd County: Los Angeles

Tanner Information

State Waste Code: 331
Year: 1992
Tons: 0.09
Method Code: D99
State Waste Code Desc: Off-specification, aged or surplus organics
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 791
Year: 1992
Tons: 0.18
Method Code: D99
State Waste Code Desc: Liquids with pH <= 2
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 123
Year: 1992
Tons: 6.25
Method Code: 15
State Waste Code Desc: Unspecified alkaline solution
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 123
Year: 1992
Tons: 8.30E-03
Method Code: H01
State Waste Code Desc: Unspecified alkaline solution
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 5.00E-04
Method Code: 14
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 281
Year: 1992
Tons: 0.06
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Code: H01
State Waste Code Desc: Adhesives
Method Description:

Tanner Information

State Waste Code: 343
Year: 1992
Tons: 0.08
Method Code: H01
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1992
Tons: 0.12
Method Code: 15
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 611
Year: 1992
Tons: 0.21
Method Code: 14
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 0.03
Method Code:
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: UTD991301748
Tsd County: Unknown

Tanner Information

State Waste Code: 223
Year: 1992
Tons: 0.7
Method Code: D80
State Waste Code Desc: Unspecified oil-containing waste
Method Description:
Generator County: San Diego
Tsd Epa ID: UTD991301748
Tsd County: Unknown

Tanner Information

State Waste Code: 551
Year: 1989
Tons: 0.22
Method Code: 14
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County:
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 611
Year: 1989
Tons: 0.91
Method Code: H01
State Waste Code Desc: Contaminated soil from site clean-up
Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Method Description:

Tanner Information

State Waste Code:	352	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAT080010101
Tons:	0.27	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Other organic solids		
Method Description:			

Tanner Information

State Waste Code:	181	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.16	***Tsd County:***	Unknown
Method Code:	D80		
State Waste Code Desc:	Other inorganic solid waste		
Method Description:			

Tanner Information

State Waste Code:	343	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.64	***Tsd County:***	Unknown
Method Code:	R01		
State Waste Code Desc:	Unspecified organic liquid mixture		
Method Description:			

Tanner Information

State Waste Code:	331	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZT050010180
Tons:	0.01	***Tsd County:***	Unknown
Method Code:	14		
State Waste Code Desc:	Off-specification, aged or surplus organics		
Method Description:			

Tanner Information

State Waste Code:	181	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894556
Tons:	0.08	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Other inorganic solid waste		
Method Description:			

Tanner Information

State Waste Code:	211	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894556
Tons:	0.16	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)		
Method Description:			

Tanner Information

State Waste Code:	222	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894556
Tons:	0.22	***Tsd County:***	San Diego
Method Code:	99		
State Waste Code Desc:	Oil/water separation sludge		
Method Description:			

Tanner Information

State Waste Code:	352	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894556
Tons:	0.6	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Other organic solids		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894556
Tons:	0.1	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	513	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT000646117
Tons:	0.02	***Tsd County:***	Kings
Method Code:			
State Waste Code Desc:	Empty containers less than 30 gallons		
Method Description:			

Tanner Information

State Waste Code:	135	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.12	***Tsd County:***	San Diego
Method Code:	T01		
State Waste Code Desc:	Unspecified aqueous solution		
Method Description:			

Tanner Information

State Waste Code:	141	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	5.00E-04	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Off-specification, aged or surplus inorganics		
Method Description:			

Tanner Information

State Waste Code:	213	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	1.87	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)		
Method Description:			

Tanner Information

State Waste Code:	343	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	18.15	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Unspecified organic liquid mixture		
Method Description:			

Tanner Information

State Waste Code: 611 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 0.25 ***Tsd County:*** San Diego
Method Code: D99
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Tanner Information

State Waste Code: 122 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 0.29 ***Tsd County:*** Unknown
Method Code: R01
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:

Tanner Information

State Waste Code: 221 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 0.02 ***Tsd County:*** Unknown
Method Code: 1
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 5.50E-03 ***Tsd County:*** Unknown
Method Code: 3
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 461 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** CAD050806850
Tons: 0.02 ***Tsd County:*** Los Angeles
Method Code: T01
State Waste Code Desc: Paint sludge
Method Description:

Tanner Information

State Waste Code: 223 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** CAD080013352
Tons: 1.25 ***Tsd County:***
Method Code: 1
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Tanner Information

State Waste Code: 135 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** CAD097030993
Tons: 2.91 ***Tsd County:*** Los Angeles
Method Code: T01
State Waste Code Desc: Unspecified aqueous solution
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego

Year: 1992
Tons: 0.04
Method Code:
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Tsd Epa ID: CAD980884183
Tsd County: Sacramento

Tanner Information

State Waste Code: 551
Year: 1992
Tons: 0.1
Method Code: 14
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD980884183
Tsd County: Sacramento

Tanner Information

State Waste Code: 134
Year: 1992
Tons: 0.02
Method Code: D99
State Waste Code Desc: Aqueous solution with total organic residues less than 10 percent
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 141
Year: 1992
Tons: 0.1
Method Code: D99
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 0.05
Method Code: D80
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 211
Year: 1992
Tons: 0.45
Method Code: D99
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 551
Year: 1992
Tons: 0.01
Method Code: D99
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 122
Year: 1991
Tons: 0.25
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Method Code: D99
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:

Tanner Information

State Waste Code: 122
Year: 1991
Tons: 0.04
Method Code: T01
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 135
Year: 1991
Tons: 4.00E-03
Method Code: T01
State Waste Code Desc: Unspecified aqueous solution
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 181
Year: 1991
Tons: 0.05
Method Code:
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 181
Year: 1991
Tons: 1.89
Method Code: D80
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 211
Year: 1991
Tons: 0.15
Method Code: D99
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 272
Year: 1991
Tons: 0.35
Method Code: R01
State Waste Code Desc: Polymeric resin waste
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 611
Year: 1991
Tons: 4.17
Method Code: D80
State Waste Code Desc: Contaminated soil from site clean-up
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Method Description:

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	4.10E-03	***Tsd County:***	Unknown
Method Code:	1		
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code:	123	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	0.02	***Tsd County:***	San Diego
Method Code:	T01		
State Waste Code Desc:	Unspecified alkaline solution		
Method Description:			

Tanner Information

State Waste Code:	352	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	0.35	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Other organic solids		
Method Description:			

Tanner Information

State Waste Code:	512	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	0.36	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Other empty containers 30 gallons or more		
Method Description:			

Tanner Information

State Waste Code:	513	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	2.50E-03	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Empty containers less than 30 gallons		
Method Description:			

Tanner Information

State Waste Code:	612	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	0.22	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Household waste		
Method Description:			

Tanner Information

State Waste Code:	232	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT808810101
Tons:	0.05	***Tsd County:***	
Method Code:	14		
State Waste Code Desc:	Pesticides and other waste associated with pesticide production		
Method Description:			

Tanner Information

State Waste Code:	141	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT000646117
Tons:	0.33	***Tsd County:***	Kings
Method Code:			
State Waste Code Desc:	Off-specification, aged or surplus inorganics		
Method Description:			

Tanner Information

State Waste Code:	461	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	0.04	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Paint sludge		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	0.42	***Tsd County:***	San Diego
Method Code:	T01		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	331	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	TND000772186
Tons:	0.05	***Tsd County:***	
Method Code:	1		
State Waste Code Desc:	Off-specification, aged or surplus organics		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	TND000772186
Tons:	1.10E-03	***Tsd County:***	
Method Code:			
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	UTD991301748
Tons:	0.02	***Tsd County:***	Unknown
Method Code:			
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code:	211	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	AZD049318009
Tons:	0.02	***Tsd County:***	Unknown
Method Code:	R01		
State Waste Code Desc:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)		
Method Description:			

Tanner Information

State Waste Code: 221 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 0.16 ***Tsd County:*** Unknown
Method Code: R01
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Tanner Information

State Waste Code: 343 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 2.54 ***Tsd County:*** Unknown
Method Code: R01
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** CAT000646117
Tons: 9.10E-03 ***Tsd County:*** Kings
Method Code:
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 791 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** CAT000646117
Tons: 0.26 ***Tsd County:*** Kings
Method Code:
State Waste Code Desc: Liquids with pH <= 2
Method Description:

Tanner Information

State Waste Code: 141 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 0.07 ***Tsd County:*** Unknown
Method Code: D80
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:

Tanner Information

State Waste Code: 343 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 0.02 ***Tsd County:*** Unknown
Method Code: D99
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 0.07 ***Tsd County:*** Unknown
Method Code: R01
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego

Year: 1991
Tons: 0.02
Method Code: D99
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Tsd Epa ID: AZT050010180
Tsd County: Unknown

Tanner Information

State Waste Code: 211
Year: 1991
Tons: 0.28
Method Code: R01
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD008302903
Tsd County: Los Angeles

Tanner Information

State Waste Code: 123
Year: 1991
Tons: 0.02
Method Code: T01
State Waste Code Desc: Unspecified alkaline solution
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD050806850
Tsd County: Los Angeles

Tanner Information

State Waste Code: 133
Year: 1991
Tons: 0.14
Method Code: R01
State Waste Code Desc: Aqueous solution with total organic residues 10 percent or more
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD050806850
Tsd County: Los Angeles

Tanner Information

State Waste Code: 121
Year: 1991
Tons: 0.19
Method Code:
State Waste Code Desc: Alkaline solution (pH >= 12.5) with metals
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 134
Year: 1991
Tons: 0.02
Method Code:
State Waste Code Desc: Aqueous solution with total organic residues less than 10 percent
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 352
Year: 1991
Tons: 4.97
Method Code:
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 513
Year: 1991
Tons: 0.01
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Method Code:
State Waste Code Desc: Empty containers less than 30 gallons
Method Description:

Tanner Information

State Waste Code: 222
Year: 1991
Tons: 0.03
Method Code: 14
State Waste Code Desc: Oil/water separation sludge
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 222
Year: 1991
Tons: 0.06
Method Code: H01
State Waste Code Desc: Oil/water separation sludge
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 141
Year: 1991
Tons: 0.06
Method Code:
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:
Generator County: San Diego
Tsd Epa ID: TND000772186
Tsd County:

Tanner Information

State Waste Code: 141
Year: 1991
Tons: 0.92
Method Code: 1
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:
Generator County: San Diego
Tsd Epa ID: TND000772186
Tsd County:

Tanner Information

State Waste Code: 352
Year: 1991
Tons: 0
Method Code:
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: TND000772186
Tsd County:

Tanner Information

State Waste Code: 352
Year: 1991
Tons: 0.07
Method Code:
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: UTD991301748
Tsd County: Unknown

Tanner Information

State Waste Code: 122
Year: 1992
Tons: 6.20E-03
Method Code: 14
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Description:

Tanner Information

State Waste Code: 513
Year: 1992
Tons: 0.09
Method Code: H01
State Waste Code Desc: Empty containers less than 30 gallons
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1992
Tons: 0.02
Method Code:
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 611
Year: 1990
Tons: 0.1
Method Code:
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Generator County:
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 343
Year: 1990
Tons: 5.50E-03
Method Code: T03
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 352
Year: 1990
Tons: 0.1
Method Code: T03
State Waste Code Desc: Other organic solids
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 551
Year: 1990
Tons: 0.01
Method Code: D79
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 551
Year: 1990
Tons: 0.09
Method Code: D80
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD050806850
Tons:	0.01	***Tsd County:***	Los Angeles
Method Code:			
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	512	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT000646117
Tons:	0.01	***Tsd County:***	Kings
Method Code:			
State Waste Code Desc:	Other empty containers 30 gallons or more		
Method Description:			

Tanner Information

State Waste Code:	122	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.2	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Alkaline solution without metals pH >= 12.5		
Method Description:			

Tanner Information

State Waste Code:	214	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.23	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Unspecified solvent mixture		
Method Description:			

Tanner Information

State Waste Code:	222	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.1	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Oil/water separation sludge		
Method Description:			

Tanner Information

State Waste Code:	343	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.03	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Unspecified organic liquid mixture		
Method Description:			

Tanner Information

State Waste Code:	512	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.06	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Other empty containers 30 gallons or more		
Method Description:			

Tanner Information

State Waste Code: 611 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 15.61 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Tanner Information

State Waste Code: 135 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 0.04 ***Tsd County:*** Unknown
Method Code: 3
State Waste Code Desc: Unspecified aqueous solution
Method Description:

Tanner Information

State Waste Code: 221 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 0.58 ***Tsd County:*** Unknown
Method Code: R01
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Tanner Information

State Waste Code: 791 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 0.06 ***Tsd County:*** Unknown
Method Code: D99
State Waste Code Desc: Liquids with pH <= 2
Method Description:

Tanner Information

State Waste Code: 212 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAD050806850
Tons: 0.02 ***Tsd County:*** Los Angeles
Method Code: T01
State Waste Code Desc: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Description:

Tanner Information

State Waste Code: 213 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAD050806850
Tons: 0.02 ***Tsd County:*** Los Angeles
Method Code: R01
State Waste Code Desc: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Description:

Tanner Information

State Waste Code: 513 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAD050806850
Tons: 0.07 ***Tsd County:*** Los Angeles
Method Code: T01
State Waste Code Desc: Empty containers less than 30 gallons
Method Description:

Tanner Information

State Waste Code: 181 ***Generator County:*** San Diego

Year: 1991
Tons: 0.01
Method Code: R01
State Waste Code Desc: Other inorganic solid waste
Method Description:

Tsd Epa ID: CAD981424732
Tsd County: San Mateo

Tanner Information

State Waste Code:
Year: 1991
Tons: 8.30E-03
Method Code:
State Waste Code Desc:
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 223
Year: 1991
Tons: 0.06
Method Code:
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 331
Year: 1991
Tons: 0.69
Method Code:
State Waste Code Desc: Off-specification, aged or surplus organics
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 351
Year: 1991
Tons: 9.00E-03
Method Code:
State Waste Code Desc: Organic solids with halogens
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 741
Year: 1991
Tons: 0.22
Method Code:
State Waste Code Desc: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 612
Year: 1991
Tons: 0.62
Method Code: H01
State Waste Code Desc: Household waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 791
Year: 1991
Tons: 8.30E-03

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Code: H01
State Waste Code Desc: Liquids with pH <= 2
Method Description:

Tanner Information

State Waste Code: 221
Year: 1992
Tons: 0.02
Method Code: D99
State Waste Code Desc: Waste oil and mixed oil
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 134
Year: 1992
Tons: 0.54
Method Code: T01
State Waste Code Desc: Aqueous solution with total organic residues less than 10 percent
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD050806850
Tsd County: Los Angeles

Tanner Information

State Waste Code: 122
Year: 1992
Tons: 0.13
Method Code: D99
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 141
Year: 1992
Tons: 0.05
Method Code:
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 141
Year: 1992
Tons: 4.10E-03
Method Code: T01
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 221
Year: 1992
Tons: 1.45
Method Code: H01
State Waste Code Desc: Waste oil and mixed oil
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 232
Year: 1992
Tons: 7.50E-03
Method Code: H01
State Waste Code Desc: Pesticides and other waste associated with pesticide production
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Description:

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	0.01	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	612	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	0.01	***Tsd County:***	San Diego
Method Code:			
State Waste Code Desc:	Household waste		
Method Description:			

Tanner Information

State Waste Code:	223	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080011059
Tons:	0.22	***Tsd County:***	Los Angeles
Method Code:	R01		
State Waste Code Desc:	Unspecified oil-containing waste		
Method Description:			

Tanner Information

State Waste Code:	181	***Generator County:***	
Year:	1989	***Tsd Epa ID:***	CAD095894556
Tons:	0.06	***Tsd County:***	San Diego
Method Code:			
State Waste Code Desc:	Other inorganic solid waste		
Method Description:			

Tanner Information

State Waste Code:	611	***Generator County:***	
Year:	1989	***Tsd Epa ID:***	CAD095894556
Tons:	1.05	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Contaminated soil from site clean-up		
Method Description:			

Tanner Information

State Waste Code:	133	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAD095894556
Tons:	0.1	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Aqueous solution with total organic residues 10 percent or more		
Method Description:			

Tanner Information

State Waste Code:	221	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAT080010101
Tons:	0.35	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Waste oil and mixed oil		
Method Description:			

Tanner Information

State Waste Code:	331	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAT080010101
Tons:	0.33	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Off-specification, aged or surplus organics		
Method Description:			

Tanner Information

State Waste Code:	343	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAT080010101
Tons:	0.04	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Unspecified organic liquid mixture		
Method Description:			

Tanner Information

State Waste Code:	612	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAT080010101
Tons:	0.04	***Tsd County:***	San Diego
Method Code:	T01		
State Waste Code Desc:	Household waste		
Method Description:			

Tanner Information

State Waste Code:	343	***Generator County:***	
Year:	1989	***Tsd Epa ID:***	CAT080010101
Tons:	2.6	***Tsd County:***	San Diego
Method Code:			
State Waste Code Desc:	Unspecified organic liquid mixture		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	
Year:	1989	***Tsd Epa ID:***	CAT080010101
Tons:	4.10E-03	***Tsd County:***	San Diego
Method Code:			
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	213	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAD095894556
Tons:	0.72	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)		
Method Description:			

Tanner Information

State Waste Code:	221	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAD095894556
Tons:	0.18	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Waste oil and mixed oil		
Method Description:			

Tanner Information

State Waste Code: 343 ***Generator County:*** San Diego
Year: 1989 ***Tsd Epa ID:*** CAD095894556
Tons: 0.02 ***Tsd County:*** San Diego
Method Code: D99
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1989 ***Tsd Epa ID:*** CAT080010101
Tons: 1.56 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 611 ***Generator County:*** San Diego
Year: 1989 ***Tsd Epa ID:*** CAT080010101
Tons: 3.72 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Tanner Information

State Waste Code: 211 ***Generator County:***
Year: 1990 ***Tsd Epa ID:*** CAD042245001
Tons: 1.14 ***Tsd County:*** Los Angeles
Method Code:
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** AZD049318009
Tons: 7.50E-03 ***Tsd County:*** Unknown
Method Code: 1
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 135 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAD050806850
Tons: 0.01 ***Tsd County:*** Los Angeles
Method Code: T01
State Waste Code Desc: Unspecified aqueous solution
Method Description:

Tanner Information

State Waste Code: 181 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAD095894556
Tons: 0.15 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Other inorganic solid waste
Method Description:

Tanner Information

State Waste Code: 221 ***Generator County:*** San Diego

Year: 1990
Tons: 7.4
Method Code: D99
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 222
Year: 1990
Tons: 0.2
Method Code: D99
State Waste Code Desc: Oil/water separation sludge
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 181
Year: 1990
Tons: 0.06
Method Code: R01
State Waste Code Desc: Other inorganic solid waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD097854541
Tsd County: Los Angeles

Tanner Information

State Waste Code: 212
Year: 1990
Tons: 8.30E-03
Method Code:
State Waste Code Desc: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 211
Year: 1990
Tons: 0.31
Method Code: H01
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 221
Year: 1990
Tons: 6.65
Method Code: H01
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 223
Year: 1990
Tons: 1.88
Method Code: H01
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 271
Year: 1990
Tons: 0.02

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Code:
State Waste Code Desc: Organic monomer waste (includes unreacted resins)
Method Description:

Tanner Information

State Waste Code: 291
Year: 1990
Tons: 0.15
Method Code: H01
State Waste Code Desc: Latex waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 331
Year: 1990
Tons: 7.70E-03
Method Code: T01
State Waste Code Desc: Off-specification, aged or surplus organics
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1990
Tons: 0.7
Method Code: T01
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 612
Year: 1990
Tons: 1.34
Method Code: H01
State Waste Code Desc: Household waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 213
Year: 1990
Tons: 1.04
Method Code: R01
State Waste Code Desc: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080013352
Tsd County: Los Angeles

Tanner Information

State Waste Code: 221
Year: 1990
Tons: 0.7
Method Code: R01
State Waste Code Desc: Waste oil and mixed oil
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080013352
Tsd County: Los Angeles

Tanner Information

State Waste Code: 352
Year: 1991
Tons: 0.25
Method Code: D99
State Waste Code Desc: Other organic solids
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Method Description:

Tanner Information

State Waste Code: 461
Year: 1991
Tons: 0.22
Method Code: T01
State Waste Code Desc: Paint sludge
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD050806850
Tsd County: Los Angeles

Tanner Information

State Waste Code: 791
Year: 1991
Tons: 0.14
Method Code: R01
State Waste Code Desc: Liquids with pH <= 2
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD050806850
Tsd County: Los Angeles

Tanner Information

State Waste Code: 122
Year: 1991
Tons: 0.1
Method Code: 15
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD097030993
Tsd County: Los Angeles

Tanner Information

State Waste Code: 122
Year: 1991
Tons: 1.01
Method Code:
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 212
Year: 1991
Tons: 1.16
Method Code:
State Waste Code Desc: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 212
Year: 1991
Tons: 1.04
Method Code: H01
State Waste Code Desc: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 134
Year: 1991
Tons: 0.02
Method Code: H01
State Waste Code Desc: Aqueous solution with total organic residues less than 10 percent
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code:	211	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	0.09	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)		
Method Description:			

Tanner Information

State Waste Code:	214	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	8.30E-03	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Unspecified solvent mixture		
Method Description:			

Tanner Information

State Waste Code:	221	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	0.62	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Waste oil and mixed oil		
Method Description:			

Tanner Information

State Waste Code:	331	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	0.09	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Off-specification, aged or surplus organics		
Method Description:			

Tanner Information

State Waste Code:	352	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	0.42	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Other organic solids		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	0.2	***Tsd County:***	San Diego
Method Code:			
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAT080010101
Tons:	0.1	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code: 181 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 0.5 ***Tsd County:*** Unknown
Method Code: D80
State Waste Code Desc: Other inorganic solid waste
Method Description:

Tanner Information

State Waste Code: 212 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 8.20E-03 ***Tsd County:*** Unknown
Method Code: R01
State Waste Code Desc: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Description:

Tanner Information

State Waste Code: 343 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 0.12 ***Tsd County:*** Unknown
Method Code: 1
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:

Tanner Information

State Waste Code: 352 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 0.25 ***Tsd County:*** Unknown
Method Code: D80
State Waste Code Desc: Other organic solids
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 0.05 ***Tsd County:*** Unknown
Method Code: 15
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 2.50E-03 ***Tsd County:*** Unknown
Method Code: D80
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 791 ***Generator County:*** San Diego
Year: 1992 ***Tsd Epa ID:*** AZD049318009
Tons: 0.05 ***Tsd County:*** Unknown
Method Code: T01
State Waste Code Desc: Liquids with pH <= 2
Method Description:

Tanner Information

State Waste Code: 123 ***Generator County:*** San Diego

Year: 1992
Tons: 0.05
Method Code: D99
State Waste Code Desc: Unspecified alkaline solution
Method Description:
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 0.06
Method Code: D99
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 211
Year: 1992
Tons: 0.05
Method Code:
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 352
Year: 1992
Tons: 0.07
Method Code: H01
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 213
Year: 1992
Tons: 0.3
Method Code: H01
State Waste Code Desc: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 711
Year: 1992
Tons: 4.10E-03
Method Code: H01
State Waste Code Desc: Liquids with cyanides >= 1,000 Mg./L
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 791
Year: 1992
Tons: 0.35
Method Code: 15
State Waste Code Desc: Liquids with pH <= 2
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 223
Year: 1992
Tons: 4.17
Generator County: San Diego
Tsd Epa ID: CAT080013352
Tsd County: Los Angeles

Method Code: R01
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Tanner Information

State Waste Code: 343
Year: 1992
Tons: 4.10E-03
Method Code: 14
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT808810101
Tsd County:

Tanner Information

State Waste Code: 792
Year: 1989
Tons: 0.01
Method Code: 15
State Waste Code Desc: Liquids with pH <= 2 with metals
Method Description:
Generator County:
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 213
Year: 1989
Tons: 0.12
Method Code: H01
State Waste Code Desc: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 221
Year: 1989
Tons: 0.58
Method Code: 99
State Waste Code Desc: Waste oil and mixed oil
Method Description:
Generator County:
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1989
Tons: 0.01
Method Code: 99
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County:
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1989
Tons: 2.70E-03
Method Code: 14
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County:
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 221
Year: 1989
Tons: 0.02
Method Code: 1
State Waste Code Desc: Waste oil and mixed oil
Generator County:
Tsd Epa ID: HSHQ36007081
Tsd County:

Method Description:

Tanner Information

State Waste Code: 135
Year: 1989
Tons: 0.02
Method Code: D99
State Waste Code Desc: Unspecified aqueous solution
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 513
Year: 1989
Tons: 1.00E-03
Method Code: D99
State Waste Code Desc: Empty containers less than 30 gallons
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 223
Year: 1989
Tons: 6.25
Method Code: H01
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1989
Tons: 0.02
Method Code: D80
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 221
Year: 1989
Tons: 0.2
Method Code: 1
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Generator County: San Diego
Tsd Epa ID: HSHQ36007081
Tsd County:

Tanner Information

State Waste Code: 221
Year: 1990
Tons: 0.2
Method Code: 1
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Generator County:
Tsd Epa ID: CA7080013352
Tsd County:

Tanner Information

State Waste Code: 331
Year: 1990
Tons: 0.01
Method Code:
State Waste Code Desc: Off-specification, aged or surplus organics
Method Description:

Generator County:
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code:	122	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.12	***Tsd County:***	Unknown
Method Code:	D80		
State Waste Code Desc:	Alkaline solution without metals pH >= 12.5		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.09	***Tsd County:***	Unknown
Method Code:			
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.03	***Tsd County:***	Unknown
Method Code:	D99		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.11	***Tsd County:***	Unknown
Method Code:	T01		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	611	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894550
Tons:	1.2	***Tsd County:***	
Method Code:	14		
State Waste Code Desc:	Contaminated soil from site clean-up		
Method Description:			

Tanner Information

State Waste Code:	141	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894556
Tons:	3.00E-03	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Off-specification, aged or surplus inorganics		
Method Description:			

Tanner Information

State Waste Code:	343	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894556
Tons:	0.72	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Unspecified organic liquid mixture		
Method Description:			

Tanner Information

State Waste Code: 512 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAD095894556
Tons: 0.03 ***Tsd County:*** San Diego
Method Code: D99
State Waste Code Desc: Other empty containers 30 gallons or more
Method Description:

Tanner Information

State Waste Code: 211 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT000646117
Tons: 0.07 ***Tsd County:*** Kings
Method Code:
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:

Tanner Information

State Waste Code: 343 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT000646117
Tons: 0.06 ***Tsd County:*** Kings
Method Code:
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:

Tanner Information

State Waste Code: 135 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 0.04 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Unspecified aqueous solution
Method Description:

Tanner Information

State Waste Code: 232 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 0.02 ***Tsd County:*** San Diego
Method Code:
State Waste Code Desc: Pesticides and other waste associated with pesticide production
Method Description:

Tanner Information

State Waste Code: 232 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 0.3 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Pesticides and other waste associated with pesticide production
Method Description:

Tanner Information

State Waste Code: 271 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 0.25 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Organic monomer waste (includes unreacted resins)
Method Description:

Tanner Information

State Waste Code: 272 ***Generator County:*** San Diego

Year: 1990
Tons: 0.09
Method Code: 14
State Waste Code Desc: Polymeric resin waste
Method Description:

Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 461
Year: 1990
Tons: 0.2
Method Code: H01
State Waste Code Desc: Paint sludge
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1990
Tons: 0.02
Method Code: 99
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1990
Tons: 0.01
Method Code: D99
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 612
Year: 1990
Tons: 0.26
Method Code: D99
State Waste Code Desc: Household waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 612
Year: 1990
Tons: 4.60E-03
Method Code: T03
State Waste Code Desc: Household waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 135
Year: 1991
Tons: 0.02
Method Code: D80
State Waste Code Desc: Unspecified aqueous solution
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 211
Year: 1991
Tons: 0.37

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Method Code:
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:

Tanner Information

State Waste Code: 343
Year: 1991
Tons: 0.15
Method Code:
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 725
Year: 1991
Tons: 5.00E-04
Method Code:
State Waste Code Desc: Liquids with mercury >= 20 Mg./L
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 791
Year: 1991
Tons: 1.37
Method Code:
State Waste Code Desc: Liquids with pH <= 2
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 611
Year: 1991
Tons: 7.55
Method Code: H01
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 221
Year: 1991
Tons: 8.34
Method Code: R01
State Waste Code Desc: Waste oil and mixed oil
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080013352
Tsd County: Los Angeles

Tanner Information

State Waste Code: 223
Year: 1991
Tons: 0.02
Method Code:
State Waste Code Desc: Unspecified oil-containing waste
Method Description:
Generator County: San Diego
Tsd Epa ID: UTD991301748
Tsd County: Unknown

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 0.06
Method Code: R01
State Waste Code Desc: Other inorganic solid waste
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Method Description:

Tanner Information

State Waste Code: 551
Year: 1992
Tons: 0.18
Method Code: D99
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 331
Year: 1992
Tons: 0.04
Method Code:
State Waste Code Desc: Off-specification, aged or surplus organics
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 351
Year: 1992
Tons: 0.04
Method Code: D99
State Waste Code Desc: Organic solids with halogens
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 741
Year: 1992
Tons: 0.2
Method Code:
State Waste Code Desc: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 741
Year: 1992
Tons: 0.22
Method Code: H01
State Waste Code Desc: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 272
Year: 1992
Tons: 0.87
Method Code: H01
State Waste Code Desc: Polymeric resin waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1992
Tons: 0.77
Method Code: H01
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	0.53	***Tsd County:***	San Diego
Method Code:	T01		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	214	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAD095894556
Tons:	4.00E-04	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Unspecified solvent mixture		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAD095894556
Tons:	0.02	***Tsd County:***	San Diego
Method Code:	H01		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	141	***Generator County:***	San Diego
Year:	1989	***Tsd Epa ID:***	CAT080010101
Tons:	0.02	***Tsd County:***	San Diego
Method Code:	T01		
State Waste Code Desc:	Off-specification, aged or surplus inorganics		
Method Description:			

Tanner Information

State Waste Code:	212	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.01	***Tsd County:***	Unknown
Method Code:	R01		
State Waste Code Desc:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)		
Method Description:			

Tanner Information

State Waste Code:	352	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	1.2	***Tsd County:***	Unknown
Method Code:	3		
State Waste Code Desc:	Other organic solids		
Method Description:			

Tanner Information

State Waste Code:	461	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.1	***Tsd County:***	Unknown
Method Code:	R01		
State Waste Code Desc:	Paint sludge		
Method Description:			

Tanner Information

State Waste Code: 513 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 2.50E-03 ***Tsd County:*** Unknown
Method Code: D80
State Waste Code Desc: Empty containers less than 30 gallons
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 5.00E-03 ***Tsd County:*** Unknown
Method Code: T03
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 611 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** AZD049318009
Tons: 0.4 ***Tsd County:*** Unknown
Method Code:
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Tanner Information

State Waste Code: 211 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAD000302903
Tons: 0.04 ***Tsd County:***
Method Code:
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:

Tanner Information

State Waste Code: 211 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAD000802393
Tons: 0.3 ***Tsd County:***
Method Code:
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:

Tanner Information

State Waste Code: 741 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAD050806850
Tons: 0.12 ***Tsd County:*** Los Angeles
Method Code: T01
State Waste Code Desc: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAT000646117
Tons: 0.09 ***Tsd County:*** Kings
Method Code:
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 135 ***Generator County:*** San Diego

Year: 1991
Tons: 0.02
Method Code: H01
State Waste Code Desc: Unspecified aqueous solution
Method Description:

Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 141
Year: 1991
Tons: 0.01
Method Code: H01
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 343
Year: 1991
Tons: 0.45
Method Code: H01
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 471
Year: 1991
Tons: 0.13
Method Code: H01
State Waste Code Desc: Paper sludge/pulp
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 513
Year: 1991
Tons: 0.05
Method Code: H01
State Waste Code Desc: Empty containers less than 30 gallons
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1991
Tons: 4.60E-03
Method Code: 15
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 791
Year: 1991
Tons: 0.08
Method Code: T01
State Waste Code Desc: Liquids with pH <= 2
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code:
Year: 1991
Tons: 4.10E-03

Generator County: San Diego
Tsd Epa ID: TND000772186
Tsd County:

Method Code:
State Waste Code Desc:
Method Description:

Tanner Information

State Waste Code: 211
Year: 1991
Tons: 0.01
Method Code: 1
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:

Generator County: San Diego
Tsd Epa ID: TND000772186
Tsd County:

Tanner Information

State Waste Code: 122
Year: 1992
Tons: 0.42
Method Code: D99
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 551
Year: 1992
Tons: 0.01
Method Code: R01
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 513
Year: 1992
Tons: 0.14
Method Code: H01
State Waste Code Desc: Empty containers less than 30 gallons
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD000088252
Tsd County: Los Angeles

Tanner Information

State Waste Code: 352
Year: 1992
Tons: 0.04
Method Code: T01
State Waste Code Desc: Other organic solids
Method Description:

Generator County: San Diego
Tsd Epa ID: CAD050806850
Tsd County: Los Angeles

Tanner Information

State Waste Code: 122
Year: 1992
Tons: 0.25
Method Code:
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 8.42
Method Code: T01
State Waste Code Desc: Other inorganic solid waste

Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Method Description:

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT000646117
Tons:	8.30E-03	***Tsd County:***	Kings
Method Code:	99		
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code:	181	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080010101
Tons:	0.04	***Tsd County:***	San Diego
Method Code:	T01		
State Waste Code Desc:	Other inorganic solid waste		
Method Description:			

Tanner Information

State Waste Code:	221	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT080013352
Tons:	0.41	***Tsd County:***	Los Angeles
Method Code:	R01		
State Waste Code Desc:	Waste oil and mixed oil		
Method Description:			

Tanner Information

State Waste Code:	751	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	CAT808810101
Tons:	4.00E-03	***Tsd County:***	
Method Code:	14		
State Waste Code Desc:	Solids or sludges with halogenated organic compounds >= 1,000 Mg./L		
Method Description:			

Tanner Information

State Waste Code:	352	***Generator County:***	San Diego
Year:	1992	***Tsd Epa ID:***	UTD991301748
Tons:	0.48	***Tsd County:***	Unknown
Method Code:	D80		
State Waste Code Desc:	Other organic solids		
Method Description:			

Tanner Information

State Waste Code:	221	***Generator County:***	
Year:	1990	***Tsd Epa ID:***	CAT080013352
Tons:	0	***Tsd County:***	Los Angeles
Method Code:	1		
State Waste Code Desc:	Waste oil and mixed oil		
Method Description:			

Tanner Information

State Waste Code:	214	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.27	***Tsd County:***	Unknown
Method Code:	T03		
State Waste Code Desc:	Unspecified solvent mixture		
Method Description:			

Tanner Information

State Waste Code:	551	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.03	***Tsd County:***	Unknown
Method Code:	T03		
State Waste Code Desc:	Laboratory waste chemicals		
Method Description:			

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAD095894556
Tons:	4.10E-03	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code:	135	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT000646117
Tons:	7.00E-03	***Tsd County:***	Kings
Method Code:			
State Waste Code Desc:	Unspecified aqueous solution		
Method Description:			

Tanner Information

State Waste Code:	141	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT000646117
Tons:	0.15	***Tsd County:***	Kings
Method Code:	D99		
State Waste Code Desc:	Off-specification, aged or surplus inorganics		
Method Description:			

Tanner Information

State Waste Code:	181	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	5.00E-03	***Tsd County:***	San Diego
Method Code:	T01		
State Waste Code Desc:	Other inorganic solid waste		
Method Description:			

Tanner Information

State Waste Code:	232	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.02	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Pesticides and other waste associated with pesticide production		
Method Description:			

Tanner Information

State Waste Code:	281	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	1.00E-04	***Tsd County:***	San Diego
Method Code:	14		
State Waste Code Desc:	Adhesives		
Method Description:			

Tanner Information

State Waste Code: 331 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 0.19 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Off-specification, aged or surplus organics
Method Description:

Tanner Information

State Waste Code: 352 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 0.03 ***Tsd County:*** San Diego
Method Code: 14
State Waste Code Desc: Other organic solids
Method Description:

Tanner Information

State Waste Code: 791 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 1.00E-04 ***Tsd County:*** San Diego
Method Code: 15
State Waste Code Desc: Liquids with pH <= 2
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:***
Year: 1989 ***Tsd Epa ID:*** CAT080010101
Tons: 4.10E-03 ***Tsd County:*** San Diego
Method Code: 15
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 181 ***Generator County:*** San Diego
Year: 1989 ***Tsd Epa ID:*** CAD020748125
Tons: 0.85 ***Tsd County:*** Santa Barbara
Method Code: D80
State Waste Code Desc: Other inorganic solid waste
Method Description:

Tanner Information

State Waste Code: 151 ***Generator County:*** San Diego
Year: 1989 ***Tsd Epa ID:*** CAT080010101
Tons: 0.02 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Asbestos containing waste
Method Description:

Tanner Information

State Waste Code: 181 ***Generator County:*** San Diego
Year: 1989 ***Tsd Epa ID:*** CAT080010101
Tons: 0.26 ***Tsd County:*** San Diego
Method Code: H01
State Waste Code Desc: Other inorganic solid waste
Method Description:

Tanner Information

State Waste Code: 231 ***Generator County:*** San Diego

Year: 1989
Tons: 4.10E-03
Method Code: H01
State Waste Code Desc: Pesticide rinse water
Method Description:
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 551
Year: 1989
Tons: 0.24
Method Code: T01
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 122
Year: 1992
Tons: 0.04
Method Code: T01
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 161
Year: 1992
Tons: 0.1
Method Code: D80
State Waste Code Desc: Fluid Catalytic Cracker waste
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 0.07
Method Code: 15
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 343
Year: 1992
Tons: 0.12
Method Code: 1
State Waste Code Desc: Unspecified organic liquid mixture
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318609
Tsd County:

Tanner Information

State Waste Code: 461
Year: 1992
Tons: 0.2
Method Code: R01
State Waste Code Desc: Paint sludge
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD050806850
Tsd County: Los Angeles

Tanner Information

State Waste Code: 223
Year: 1992
Tons: 0.83
Generator County: San Diego
Tsd Epa ID: CAD981458466
Tsd County: Los Angeles

Method Code: R01
State Waste Code Desc: Unspecified oil-containing waste
Method Description:

Tanner Information

State Waste Code: 134
Year: 1992
Tons: 0.02
Method Code:
State Waste Code Desc: Aqueous solution with total organic residues less than 10 percent
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 181
Year: 1992
Tons: 1.00E-03
Method Code:
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 211
Year: 1992
Tons: 0.08
Method Code: 99
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 352
Year: 1992
Tons: 1.36
Method Code:
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 352
Year: 1992
Tons: 0.44
Method Code: D99
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 211
Year: 1992
Tons: 0.06
Method Code: H01
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 214
Year: 1992
Tons: 1.06
Method Code: H01
State Waste Code Desc: Unspecified solvent mixture
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Description:

Tanner Information

State Waste Code: 291
Year: 1992
Tons: 0.05
Method Code: H01
State Waste Code Desc: Latex waste
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 331
Year: 1992
Tons: 0.63
Method Code: H01
State Waste Code Desc: Off-specification, aged or surplus organics
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 461
Year: 1992
Tons: 0.11
Method Code: H01
State Waste Code Desc: Paint sludge
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 611
Year: 1992
Tons: 1.64
Method Code: H01
State Waste Code Desc: Contaminated soil from site clean-up
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 791
Year: 1992
Tons: 0.51
Method Code: T01
State Waste Code Desc: Liquids with pH <= 2
Method Description:

Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 141
Year: 1991
Tons: 0.07
Method Code: R01
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 211
Year: 1991
Tons: 0.01
Method Code: R01
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:

Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code:	214	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.03	***Tsd County:***	Unknown
Method Code:	R01		
State Waste Code Desc:	Unspecified solvent mixture		
Method Description:			

Tanner Information

State Waste Code:	221	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.39	***Tsd County:***	Unknown
Method Code:			
State Waste Code Desc:	Waste oil and mixed oil		
Method Description:			

Tanner Information

State Waste Code:	612	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	5.00E-03	***Tsd County:***	Unknown
Method Code:	R01		
State Waste Code Desc:	Household waste		
Method Description:			

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	AZD049318009
Tons:	0.38	***Tsd County:***	Unknown
Method Code:	T01		
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code:	611	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAD050086850
Tons:	0.4	***Tsd County:***	
Method Code:	15		
State Waste Code Desc:	Contaminated soil from site clean-up		
Method Description:			

Tanner Information

State Waste Code:	741	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAD050806850
Tons:	0.25	***Tsd County:***	Los Angeles
Method Code:	R01		
State Waste Code Desc:	Liquids with halogenated organic compounds >= 1,000 Mg./L		
Method Description:			

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1991	***Tsd Epa ID:***	CAD050806850
Tons:	0.12	***Tsd County:***	Los Angeles
Method Code:	15		
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code: 551 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAT000646117
Tons: 0.51 ***Tsd County:*** Kings
Method Code: D99
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 122 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** TND000772186
Tons: 0.07 ***Tsd County:***
Method Code:
State Waste Code Desc: Alkaline solution without metals pH >= 12.5
Method Description:

Tanner Information

State Waste Code: 123 ***Generator County:*** San Diego
Year: 1991 ***Tsd Epa ID:*** CAT080010101
Tons: 0.22 ***Tsd County:*** San Diego
Method Code: T01
State Waste Code Desc: Unspecified alkaline solution
Method Description:

Tanner Information

State Waste Code: 551 ***Generator County:***
Year: 1990 ***Tsd Epa ID:*** CAT080010101
Tons: 0.35 ***Tsd County:*** San Diego
Method Code:
State Waste Code Desc: Laboratory waste chemicals
Method Description:

Tanner Information

State Waste Code: 214 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** AZD049318009
Tons: 0.02 ***Tsd County:*** Unknown
Method Code: R01
State Waste Code Desc: Unspecified solvent mixture
Method Description:

Tanner Information

State Waste Code: 141 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** AZT050010180
Tons: 0.43 ***Tsd County:*** Unknown
Method Code: H01
State Waste Code Desc: Off-specification, aged or surplus inorganics
Method Description:

Tanner Information

State Waste Code: 221 ***Generator County:*** San Diego
Year: 1990 ***Tsd Epa ID:*** CAD008352890
Tons: 8.30E-03 ***Tsd County:*** San Diego
Method Code: R01
State Waste Code Desc: Waste oil and mixed oil
Method Description:

Tanner Information

State Waste Code: 352 ***Generator County:*** San Diego

Year: 1990
Tons: 0.28
Method Code: D99
State Waste Code Desc: Other organic solids
Method Description:
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 123
Year: 1990
Tons: 0.02
Method Code:
State Waste Code Desc: Unspecified alkaline solution
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 181
Year: 1990
Tons: 3.50E-03
Method Code:
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 331
Year: 1990
Tons: 9.30E-03
Method Code:
State Waste Code Desc: Off-specification, aged or surplus organics
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 131
Year: 1990
Tons: 8.20E-03
Method Code: T01
State Waste Code Desc: Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 181
Year: 1990
Tons: 0.94
Method Code: H01
State Waste Code Desc: Other inorganic solid waste
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 352
Year: 1990
Tons: 0.02
Method Code: D99
State Waste Code Desc: Other organic solids
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 352
Year: 1990
Tons: 0.83
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Code: H01
State Waste Code Desc: Other organic solids
Method Description:

Tanner Information

State Waste Code: 214
Year: 1990
Tons: 3.50E-03
Method Code: D99
State Waste Code Desc: Unspecified solvent mixture
Method Description:
Generator County: San Diego
Tsd Epa ID: CAD095894556
Tsd County: San Diego

Tanner Information

State Waste Code: 214
Year: 1990
Tons: 0.12
Method Code: 14
State Waste Code Desc: Unspecified solvent mixture
Method Description:
Generator County:
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 211
Year: 1990
Tons: 0.04
Method Code: D99
State Waste Code Desc: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 551
Year: 1990
Tons: 4.9
Method Code: H01
State Waste Code Desc: Laboratory waste chemicals
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Tanner Information

State Waste Code: 271
Year: 1990
Tons: 0.66
Method Code: T03
State Waste Code Desc: Organic monomer waste (includes unreacted resins)
Method Description:
Generator County: San Diego
Tsd Epa ID: AZD049318009
Tsd County: Unknown

Tanner Information

State Waste Code: 131
Year: 1990
Tons: 0.01
Method Code:
State Waste Code Desc: Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Method Description:
Generator County: San Diego
Tsd Epa ID: CAT000646117
Tsd County: Kings

Tanner Information

State Waste Code: 612
Year: 1990
Tons: 4.10E-03
Method Code: T01
State Waste Code Desc: Household waste
Generator County: San Diego
Tsd Epa ID: CAT080010101
Tsd County: San Diego

Method Description:

Tanner Information

State Waste Code:	135	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZD049318009
Tons:	0.02	***Tsd County:***	Unknown
Method Code:	T01		
State Waste Code Desc:	Unspecified aqueous solution		
Method Description:			

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT000646117
Tons:	0.01	***Tsd County:***	Kings
Method Code:			
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code:	791	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	AZT050010180
Tons:	0.04	***Tsd County:***	Unknown
Method Code:	H01		
State Waste Code Desc:	Liquids with pH <= 2		
Method Description:			

Tanner Information

State Waste Code:	135	***Generator County:***	San Diego
Year:	1990	***Tsd Epa ID:***	CAT080010101
Tons:	0.12	***Tsd County:***	San Diego
Method Code:	D99		
State Waste Code Desc:	Unspecified aqueous solution		
Method Description:			

Site: ***MURRAY CANYON PLANT***
SAN DIEGO COUNTY SAN DIEGO CA 92108

MRDS

Dep ID:	10165331	***I1:***	93
Dev Status:	PAST PRODUCER	***Latitude:***	32.776306
Code List:	SDG	***Longitude:***	-117.147583
Url:	http://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10165331		

Commodity

I1:	32	***Line:***	1
Code:	SDG	***Inserted By:***	MAS migration
Commodity:	Sand and Gravel, Cons	***Insert Date:***	29-OCT-2002 09:00:24
Commodity Type:	Non-metallic	***Updated By:***	USGS
Commodity Group:	Sand and Gravel	***Update Date:***	29-OCT-2002 09:01:38
Importance:	Primary		

Names

I1:	10	***Inserted By:***	MAS migration
Status:	Current	***Insert Date:***	29-OCT-02
Site Name:	Murray Canyon Plant	***Updated By:***	USGS
Line:	1	***Update Date:***	29-OCT-02

Site: ***CALTRANS DISTRICT 11, SAN DIEGO, CA***
NORTHBOUND & SOUTHBOUND I-5 (11-0223U) SAN DIEGO CA 92121

RCRA NON GEN

EPA Handler ID:	CAC002980149
Gen Status Universe:	No Report
Contact Name:	BRENT BERGE
Contact Address:	4050 TAYLOR STREET, MS-242, BLDG 2, FLOOR 4, CUBE 125, SAN DIEGO, CA, 92110,
Contact Phone No and Ext:	619-688-3146
Contact Email:	BRENT.BERGE@DOT.CA.GOV
Contact Country:	
County Name:	SAN DIEGO
EPA Region:	09
Land Type:	
Receive Date:	20180913
Location Latitude:	32.899127
Location Longitude:	-117.224802

Violation/Evaluation Summary

Note:	NO RECORDS: As of Nov 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180913
Handler Name:	CALTRANS DISTRICT 11, SAN DIEGO, CA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1120 N STREET, MS-31
Name:	CALIFORNIA DEPT OF TRANSPORTATION	***Street 2:***	
Date Became Current:		***City:***	SACRAMENTO
Date Ended Current:		***State:***	CA
Phone:	619-688-0182	***Country:***	
Source Type:	Implementer	***Zip Code:***	95814
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	4050 TAYLOR STREET, MS-242
Name:	BRENT BERGE	***Street 2:***	BLDG 2, FLOOR 4, CUBE 125
Date Became Current:		***City:***	SAN DIEGO
Date Ended Current:		***State:***	CA
Phone:	619-688-3146	***Country:***	
Source Type:	Implementer	***Zip Code:***	92110

Site: ***BAY BLVD PROJECTS***
0 BAY BLVD Chula Vista CA

SAM SANDIEGO

Record ID:	DEH2001-LSAM-H26520-001	***BOS District:***	1
Record ID (DEH):	DEH2001-LSAM-H26520-001	***Lead Agency:***	DEH/SAM
Record Type (DEH):	LUEG-DEH/LWQD/SAM Investigation/NA	***Lead Agcy Date:***	1/8/2001, 7:00 PM
ID:	5173	***Opened Date:***	1/8/2001, 7:00 PM
Object ID:	5169	***ThomasBros Map Gd:***	1309 J 7
SWRCB Global ID:	T0608135646	***Jurisdiction:***	CHULA VISTA
Feature ID:	5670223100	***Census Tract:***	126.00
Parcel No:	567-022-31-00	***Watershed Basin:***	909.12
Case No:	H26520-001	***GT Global ID:***	T0608135646
H No:	H26520	***GT RB Case No:***	
KIVA per Tp per No:	6SAM H26520	***GT Status Date:***	
Status:	Completed	***GT Case Type:***	Cleanup Program Site
Record Status:	Completed	***GT Lead Agency:***	SAN DIEGO COUNTY LOP
Record Type:	SAM Investigation	***GT CUF Case:***	NO
Record Alias:	SAM Investigation	***GT County:***	San Diego
Date:	01/09/2001	***GT Latitude:***	32.62951624
Per Type:	LWQD	***GT Longitude:***	-117.09694881
Primary Parcel:	YES	***Latitude GS84:***	32.633869
Primary Address:	YES	***Longitude GS84:***	-117.0989338
Address Type:	ALIAS	***Point X:***	6300358.0799343
City:	CHULA VISTA	***Point Y:***	1811504.27986322
Community:	Chula Vista	***X:***	6300251.934
Zip Code:	91911	***Y:***	1811459.645
Zip Community:	91910	***X1:***	-117.09876409184818
Agency Name:	COSD	***Y1:***	32.63394996079466

Project Name:	BAY BLVD PROJECTS
Address:	0 BAY BLVD, CHULA VISTA CA 91911
Historical Name:	CITY OF CHULA VISTA PROPERTY
Record Name:	BAY BLVD PROJECTS
Street String:	0 BAY BLVD
DEH Permit Owner:	
Fire Agency:	CHULA VISTA
Water Purveyor:	CHULA VISTA
GT Status:	Completed - Case Closed
Case Type:	VAP - Voluntary Assistance Program
Funding:	V - Private - VAP
Geo SRC:	Mapped to XY from previous SAM Layer
Short Notes:	
Source File:	Citizen Access DEH Site Assessment and Mitigation Investigation Sites; San Diego Site Assessment and Mitigation Investigation Sites

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed - by the EPA, the state agency, or concerned citizens - for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Nov 23, 2022

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Nov 23, 2022

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

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Nov 7, 2022

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Nov 7, 2022

RCRA Generator List: RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Nov 7, 2022

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Nov 7, 2022

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Nov 7, 2022

RCRA Non-Generators: RCRA NON GEN

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Nov 7, 2022

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Nov 7, 2022

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Jul 26, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Nov 23, 2022

Superfund Decision Documents: SUPERFUND ROD

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Sep 28, 2022

State

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Oct 17, 2022

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Oct 17, 2022

Delisted State Response Sites: DELISTED ENVS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Oct 17, 2022

Solid Waste Information System (SWIS): SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Nov 7, 2022

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Waste Management Unit Database: WMUD

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities: HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Oct 17, 2022

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers: C&D DEBRIS RECY

This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

Government Publication Date: Jun 20, 2018

Recycling Centers: RECYCLING

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 12, 2023

Listing of Certified Processors: PROCESSORS

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 12, 2023

Listing of Certified Dropoff, Collection, and Community Service Programs: CONTAINER RECY

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 11, 2022

Land Disposal Sites: LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Nov 16, 2022

Leaking Underground Fuel Tank Reports: LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Nov 16, 2022

Delisted Leaking Storage Tanks: DELISTED LST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Nov 16, 2022

Permitted Underground Storage Tank (UST) in GeoTracker: UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Oct 14, 2022

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: May 5, 2021

Historical Hazardous Substance Storage Information Database: HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System: UST SWEEPS

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks: AST SWRCB

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks: TANK OIL GAS

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

Government Publication Date: Jan 9, 2023

Delisted Storage Tanks: DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Jan 9, 2023

California Environmental Reporting System (CERS) Tanks: CERS TANK

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Oct 7, 2022

Delisted California Environmental Reporting System (CERS) Tanks: DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Oct 7, 2022

Historical Hazardous Substance Storage Container Information - Facility Summary: HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in th 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Oct 17, 2022

CALSITES Database: CALSITES

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

Government Publication Date: May 1, 2004

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (DTSC) Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Nov 16, 2022

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Oct 17, 2022

GeoTracker Cleanup Program Sites: CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Nov 16, 2022

Delisted Cleanup Program Sites: DELISTED CLEANUP

A list of Cleanup Program sites which were once included - and have since been removed from - the list of Cleanup Program Sites in GeoTracker. GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Government Publication Date: Nov 16, 2022

Delisted County Records: DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Nov 28, 2022

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

San Diego County - Solid Waste Facility List: SWF SANDIEGO

This list of open and closed Solid Waste Facilities is made available by the County of San Diego Department of Environmental Health and Quality's (DEHQ) agency files and map service. The County of San Diego DEHQ Solid Waste Local Enforcement Agency (LEA) is certified by the California Department of Resources Recycling and Recovery to enforce state solid waste laws and regulations in San Diego County, excluding the City of San Diego.

Government Publication Date: Dec 7, 2021

San Diego County - Local Oversight Program List: LOP SANDIEGO

A list of Underground Storage Tank (UST) release sites in the County of San Diego. This list is made available by San Diego County Department of Environmental Health.

Government Publication Date: Jun 15, 2020

San Diego County - Hazardous Materials Management Division Database: HAZ SANDIEGO

A list of facilities with Unified Program Facility Permit in San Diego County. This list has been made available by County of San Diego Environmental Health.

Government Publication Date: May 1, 2022

San Diego County - UST List: UST SANDIEGO

A list of registered Underground Storage Tanks in the County of San Diego. The list is made available by the San Diego County Hazardous Materials Division.

Government Publication Date: Jan 17, 2023

San Diego County - Site Assessment and Mitigation Investigation Sites: SAM SANDIEGO

List of sites which have undergone a Site Assessment and Mitigation investigation. This list is made available by the County of San Diego Department of Environmental Health.

Government Publication Date: Dec 13, 2022

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Oct 4, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Nov 23, 2022

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.
Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.
Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.
Government Publication Date: Jun 25, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).
Government Publication Date: Jun 25, 2022

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.
Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.
Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.
Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.
Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.
Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jul 28, 2022

State

Dry Cleaning Facilities: DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Dec 20, 2021

Delisted Drycleaners: DELISTED DRYCLEANERS

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Feb 28, 2020

Non-Toxic Dry Cleaning Incentive Program: DRYC GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Feb 28, 2020

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

List of FAA Part 139 Airports, Selected Landfills, and Chrome Plating Facilities from California Water Boards PFAS Investigations, as well as sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Feb 15, 2022

PFOA/PFOS Groundwater: PFAS GW

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Nov 11, 2022

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: May 20, 2021

Toxic Pit Cleanup Act Sites: TOXIC PITS

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is not longer maintained, and updates are not planned.
Government Publication Date: Jul 1, 1995

List of Hazardous Waste Facilities Subject to Corrective Action: DTSC HWF
This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.
Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF
A list of permitted facilities with inspections and enforcements tracked by the California Department of Toxic Substance Control's (DTSC) EnviroStor data management system.
Government Publication Date: Oct 24, 2022

School Property Evaluation Program Sites: SCH
A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.
Government Publication Date: Oct 17, 2022

California Hazardous Material Incident Report System (CHMIRS): CHMIRS
A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).
Government Publication Date: Aug 15, 2022

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS
A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).
Government Publication Date: Jan 1, 1993

Handlers from Hazardous Waste Manifest Data: HAZNET
A list of handlers not otherwise classified as Treatment, Storage, Disposal facilities (TSDF) or generators from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).
Government Publication Date: Oct 24, 2016

Generators from Hazardous Waste Manifest Data: HAZ GEN
List of handlers listed as having generated waste from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).
Government Publication Date: Dec 31, 2017

TSDF from Hazardous Waste Manifest Data: HAZ TSD
List of Treatment, Storage, and Disposal Facilities (TSDFs) from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).
Government Publication Date: Dec 31, 2017

Historical Hazardous Waste Manifest Data: HIST MANIFEST
A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.
Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters: HW TRANSPORT
The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.
Government Publication Date: Dec 9, 2022

Registered Waste Tire Haulers: WASTE TIRE

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 11, 2022

California Medical Waste Management Program Facility List: MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Oct 31, 2022

Historical Cortese List: HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Dec 6, 2021

California Environmental Reporting System (CERS) Hazardous Waste Sites: CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Oct 7, 2022

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites: DELISTED HAZ

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker: GEOTRACKER

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Nov 16, 2022

Mines Listing: MINE

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

Government Publication Date: Jun 23, 2022

Recorded Environmental Cleanup Liens: LIEN

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

Government Publication Date: Aug 3, 2022

Waste Discharge Requirements: WASTE DISCHG

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Nov 16, 2022

Toxic Pollutant Emissions Facilities: EMISSIONS

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2020

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23020700979p
Date Completed:		February 8, 2023
Project Number:		23-399112.1
Project Property:		Parcel A and North Land Parcels 795 H Street, 390, 368, 360, and 364 Bay Boulevard CHULA VISTA CA 91910
Coordinates:		
	Latitude:	32.6337202
	Longitude:	-117.098667
	UTM Northing:	3610451.43637 Meters
	UTM Easting:	490800.763276 Meters
	UTM Zone:	UTM Zone 11S
	Elevation:	18.44 ft
	Slope Direction:	SSW

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Geologic Information....13
Soil Information....15
Wells and Additional Sources....19
Summary....23
Detail Report....30
Radon Information....141
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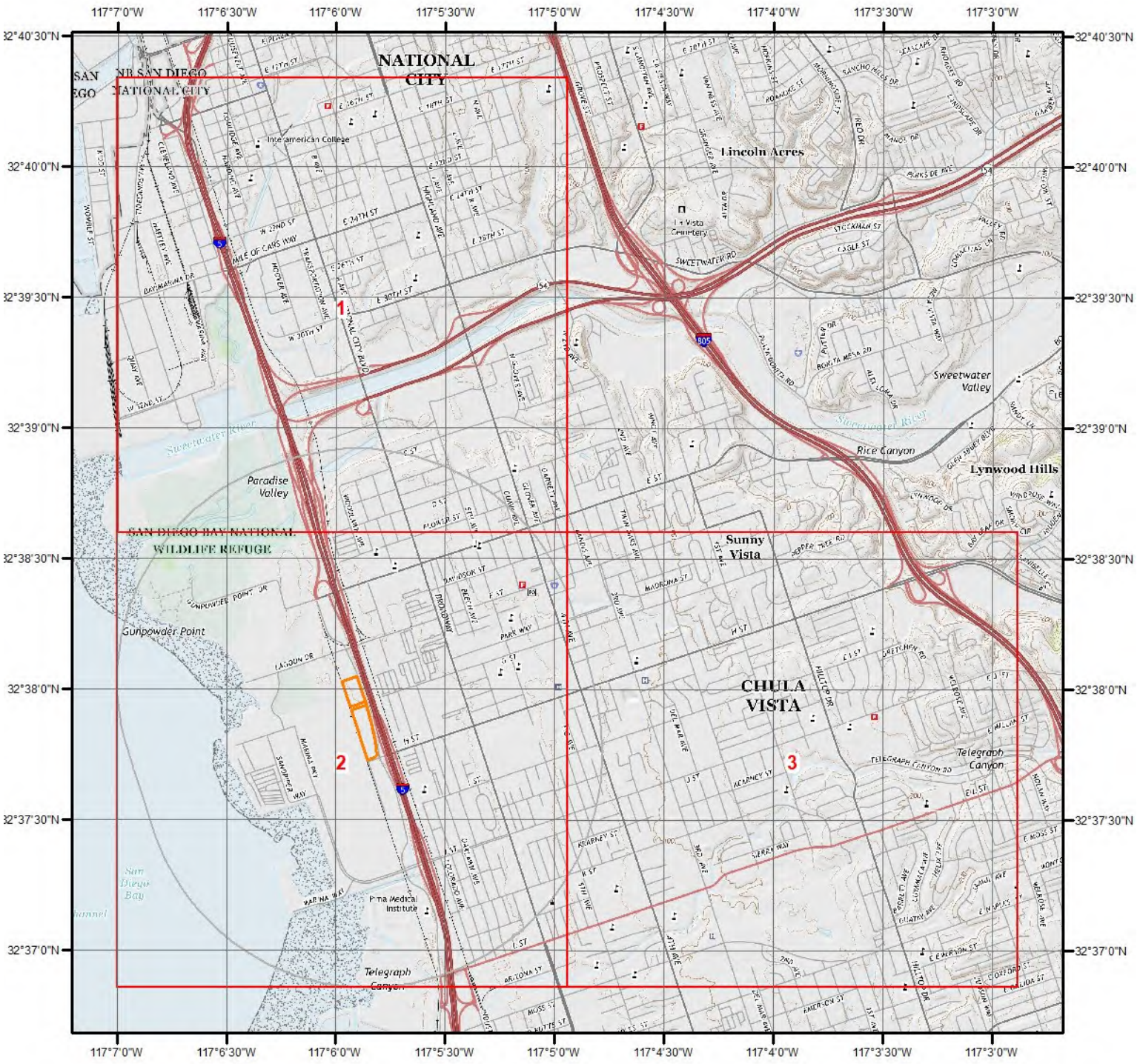
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2015)

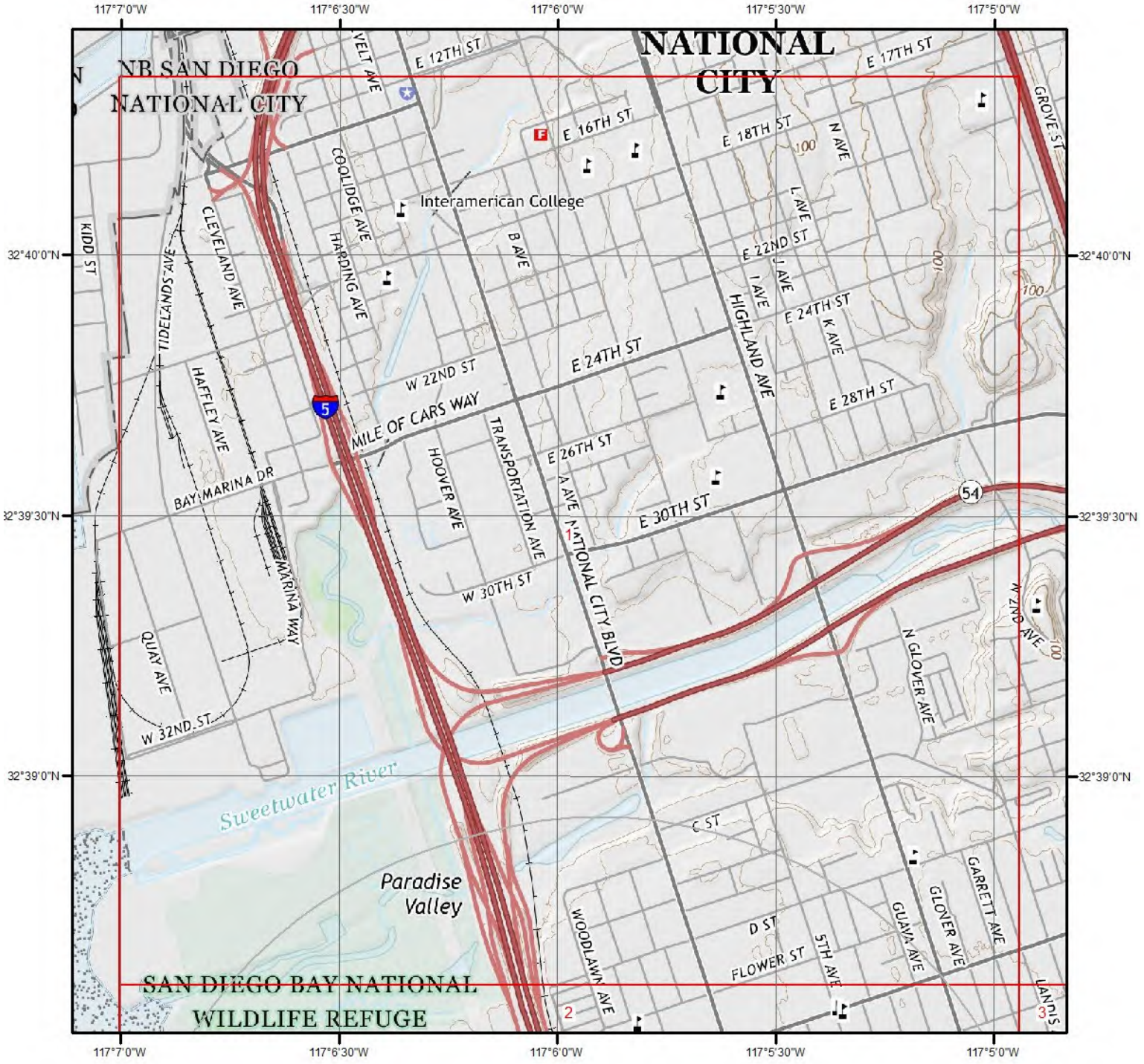
0 0.2 0.4 0.8 1.2 1.6 Miles

N

Quadrangle(s): Imperial Beach,CA; Imperial Beach OE W,CA; National City,CA; Point Loma,CA

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 1

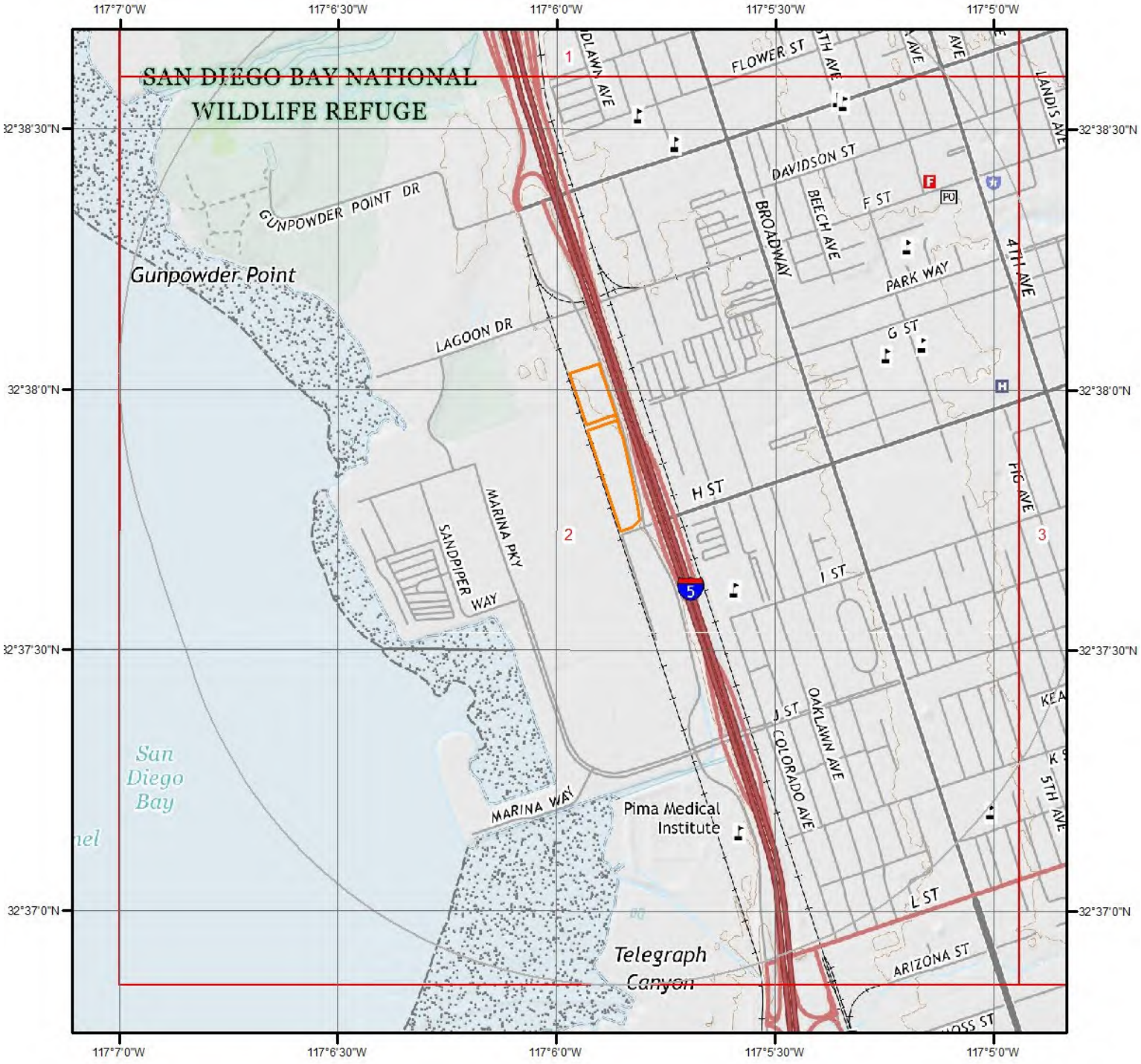
0 0.2 0.4 0.8 Miles

N

Quadrangle(s): National City,CA

Source: USGS 7.5 Minute Topographic Map

Topographic Information

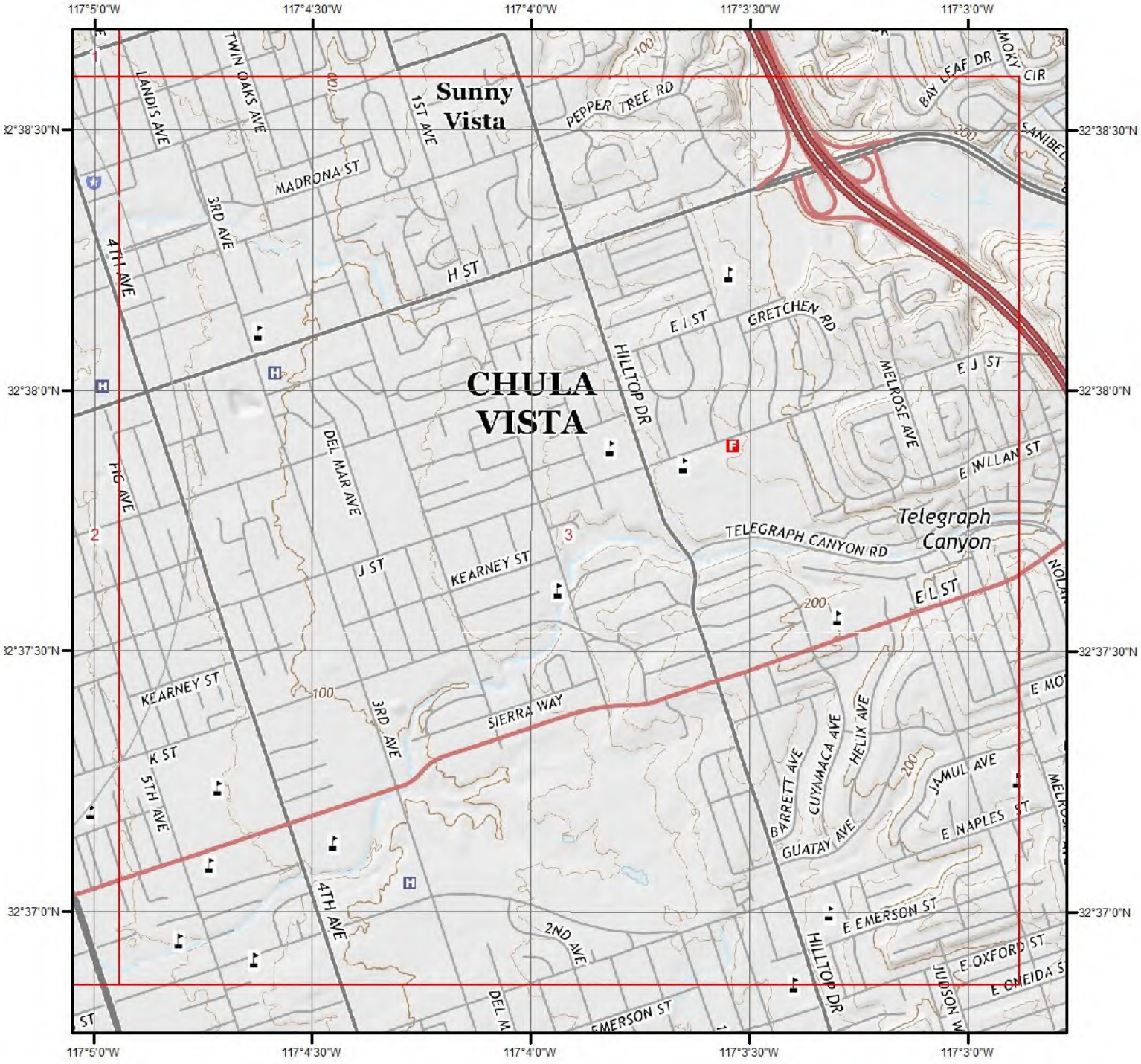


Current USGS Topo - Page 2

Quadrangle(s): Imperial Beach,CA; National City,CA

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 3

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Imperial Beach,CA; National City,CA

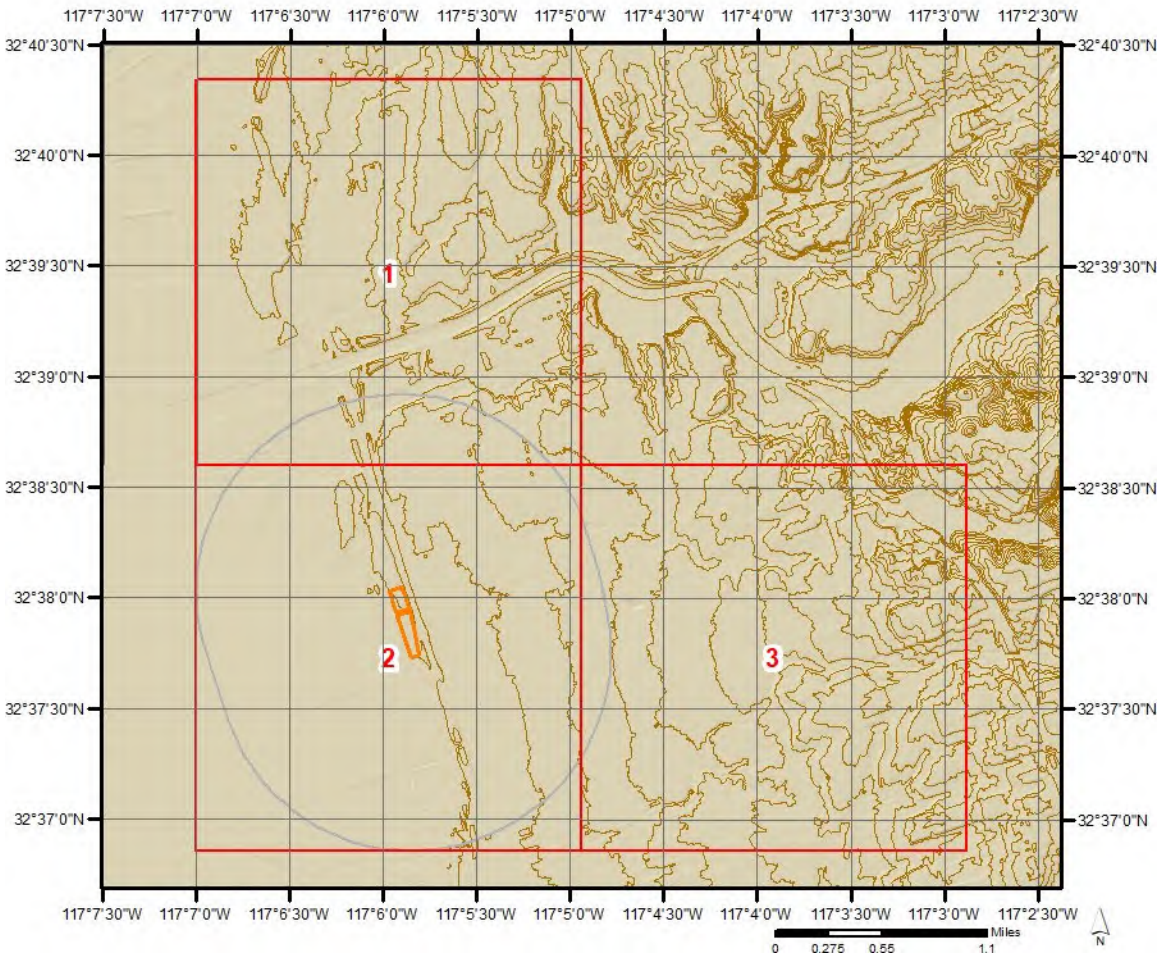
Source: USGS 7.5 Minute Topographic Map

Topographic Information

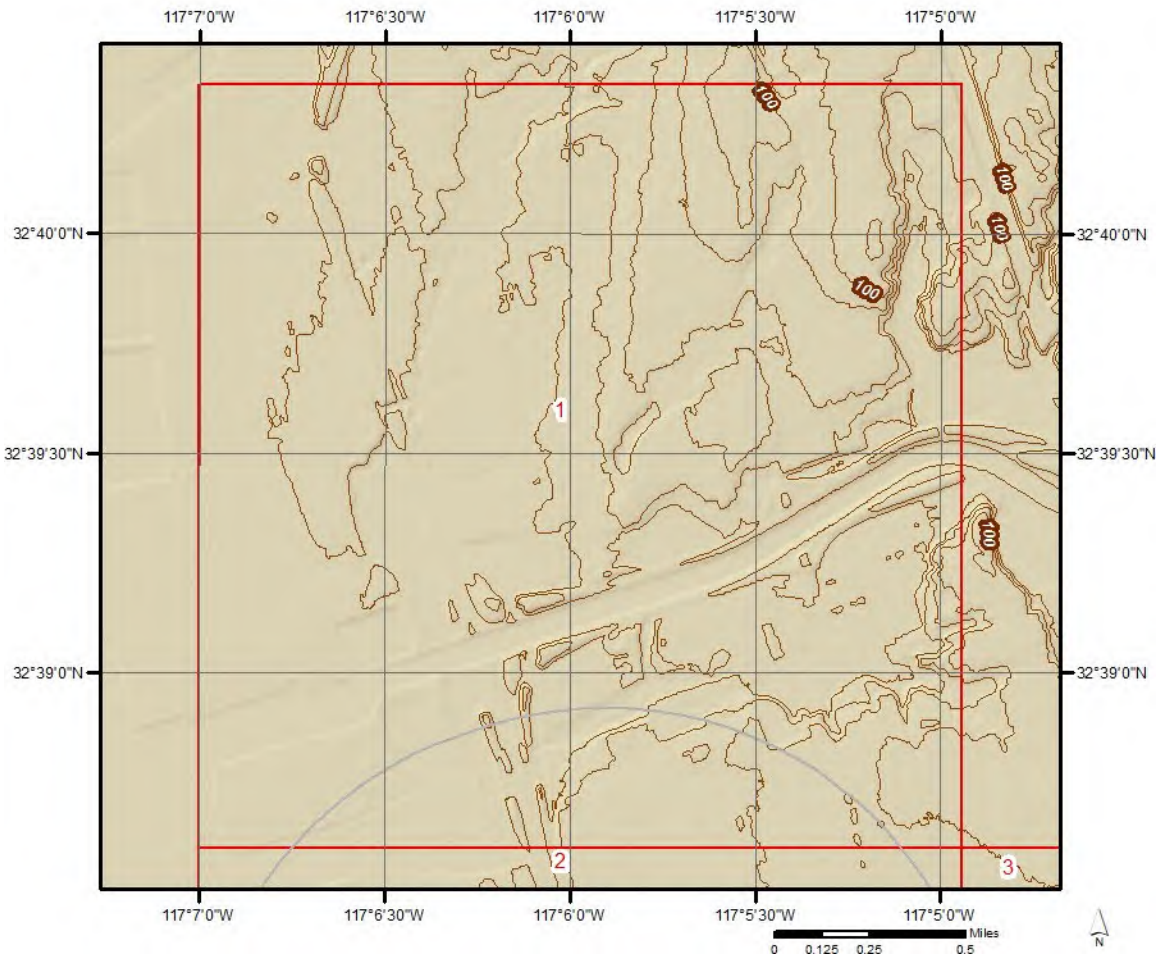
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

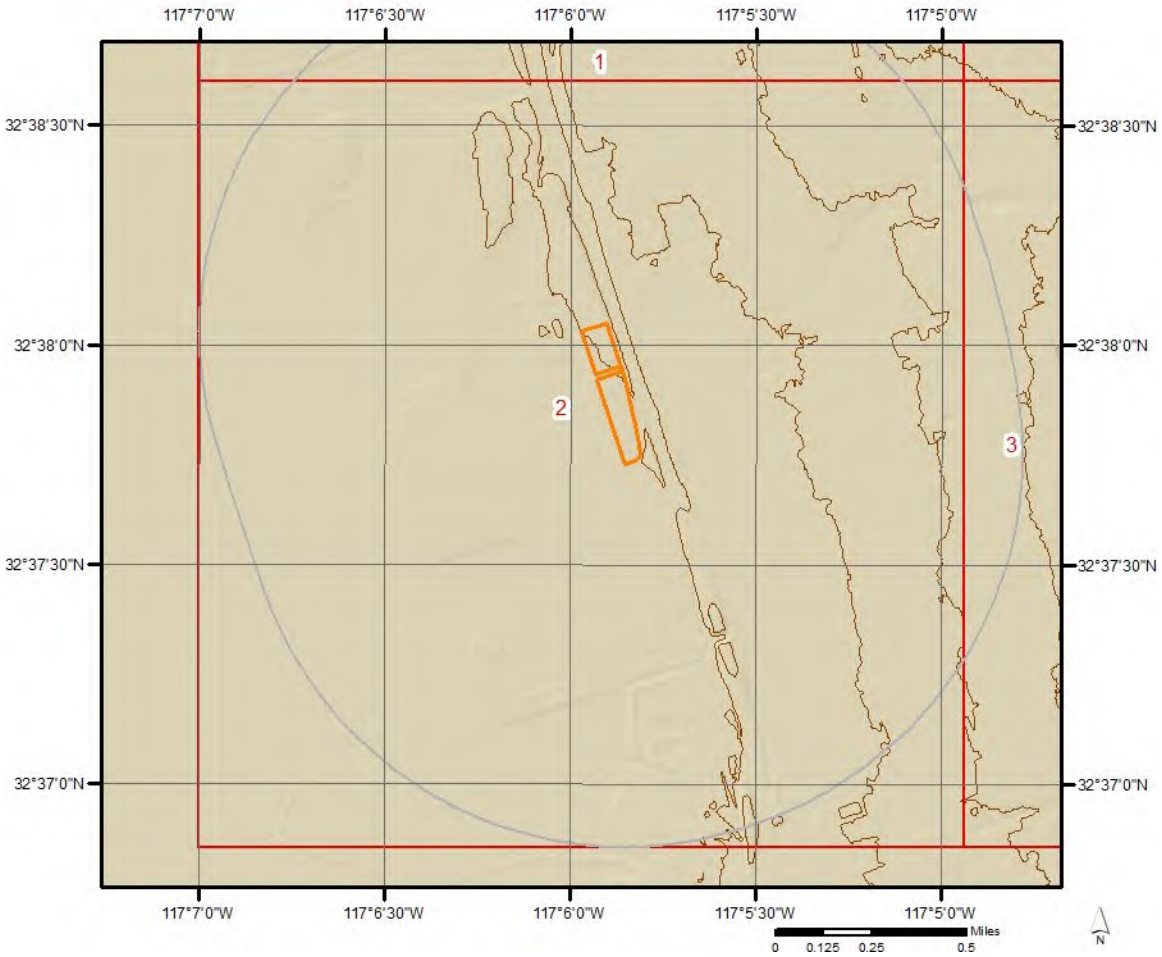
Elevation:	18.44 ft
Slope Direction:	SSW



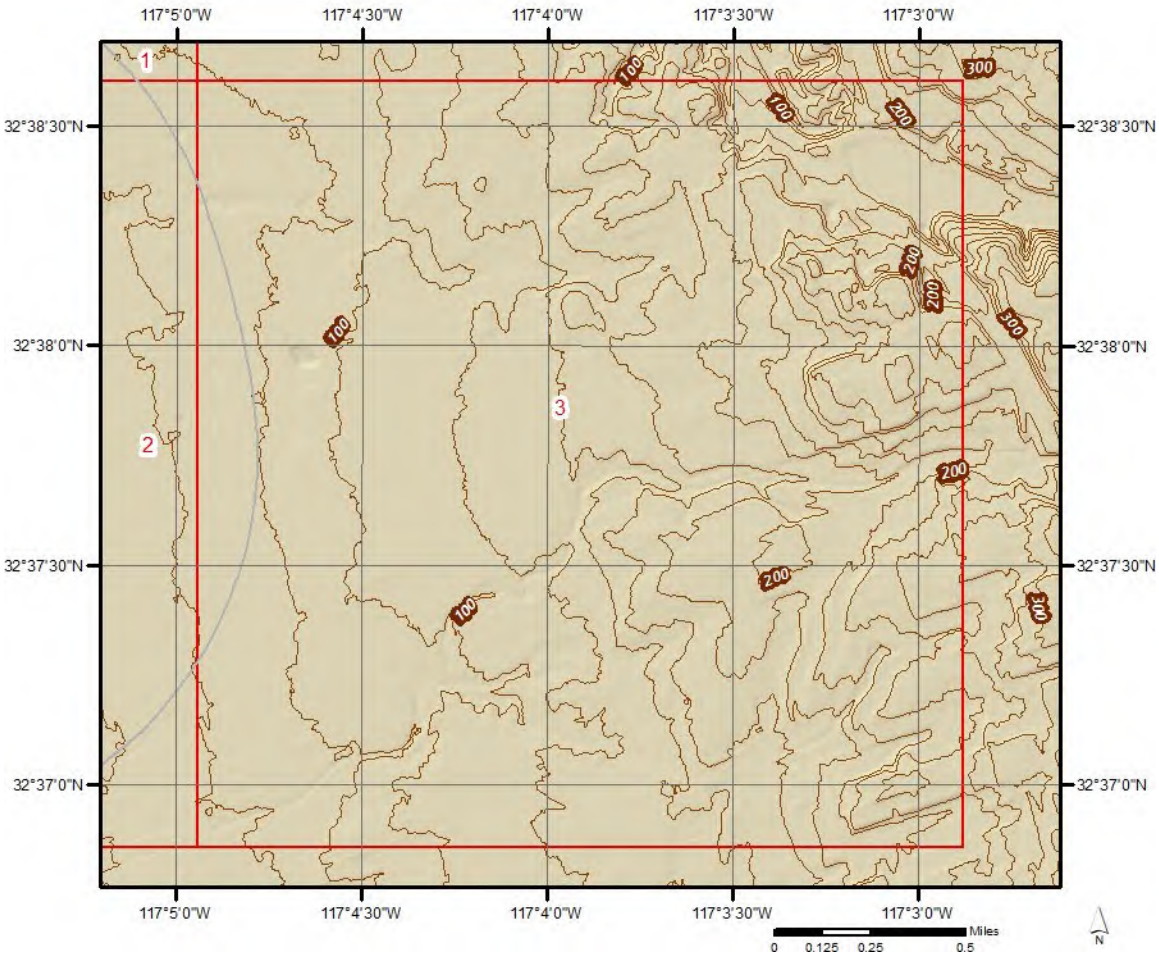
Topographic Information



Topographic Information



Topographic Information



Hydrologic Information

Wetland

0 0.1 0.2 0.4 Miles

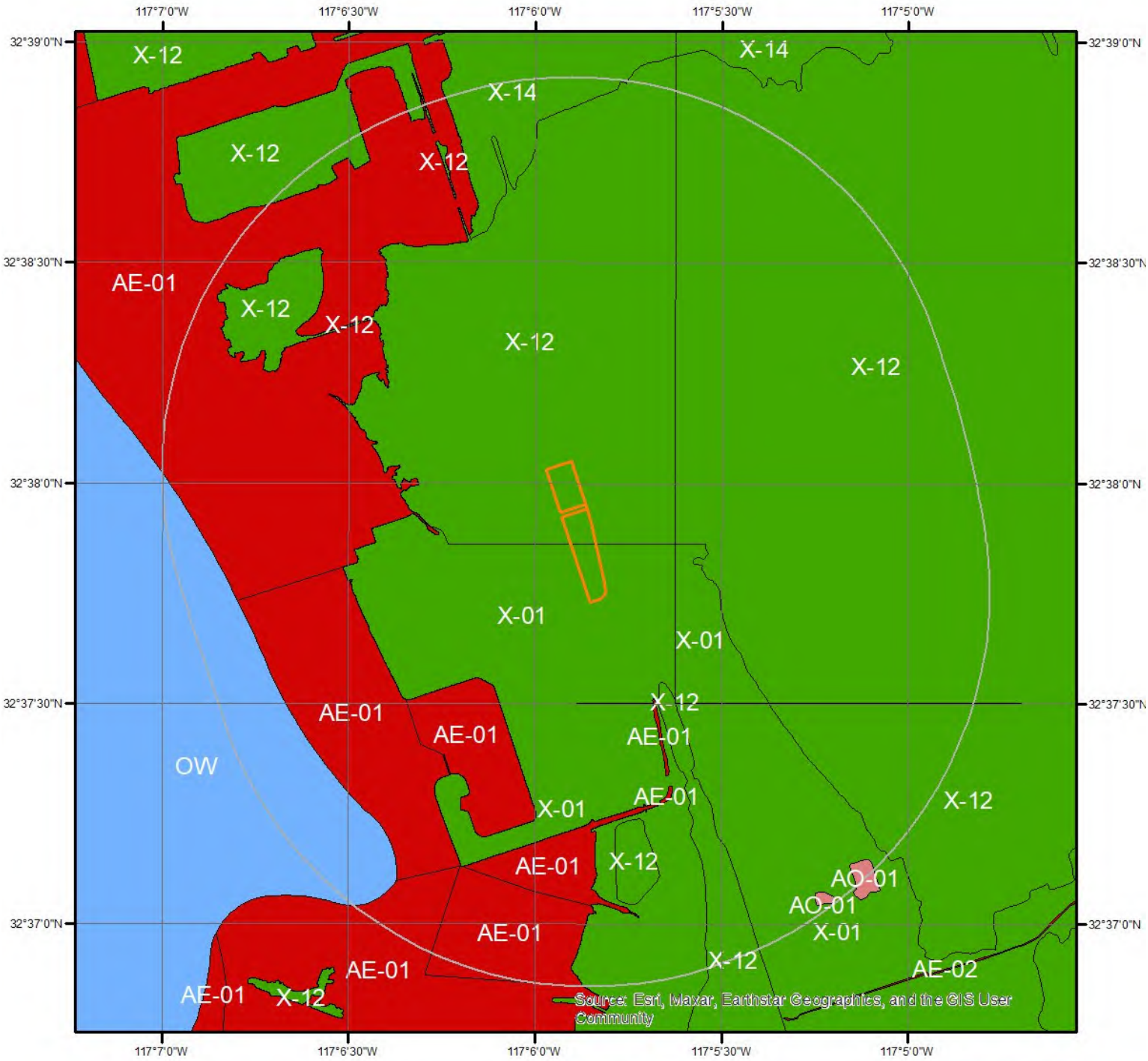
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information

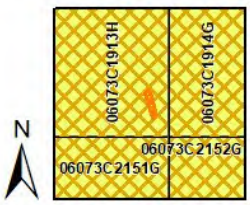


Flood Hazard Zones

Miles
0 0.2 0.4

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED



Quadrangle(s): Imperial Beach,CA; Imperial Beach OE W,CA; National City,CA; Point Loma,CA

ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	06073C1913H(effective:2019-12-20) 06073C1914G(effective:2012-05-16) 06073C2152G(effective:2019-12-20) 06073C2151G(effective:2019-12-20)

Flood Zone AE-01

Zone:	AE
Zone subtype:	

Flood Zone AO-01

Zone:	AO
Zone subtype:	

Flood Zone OW

Zone:	OPEN WATER
Zone subtype:	

Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

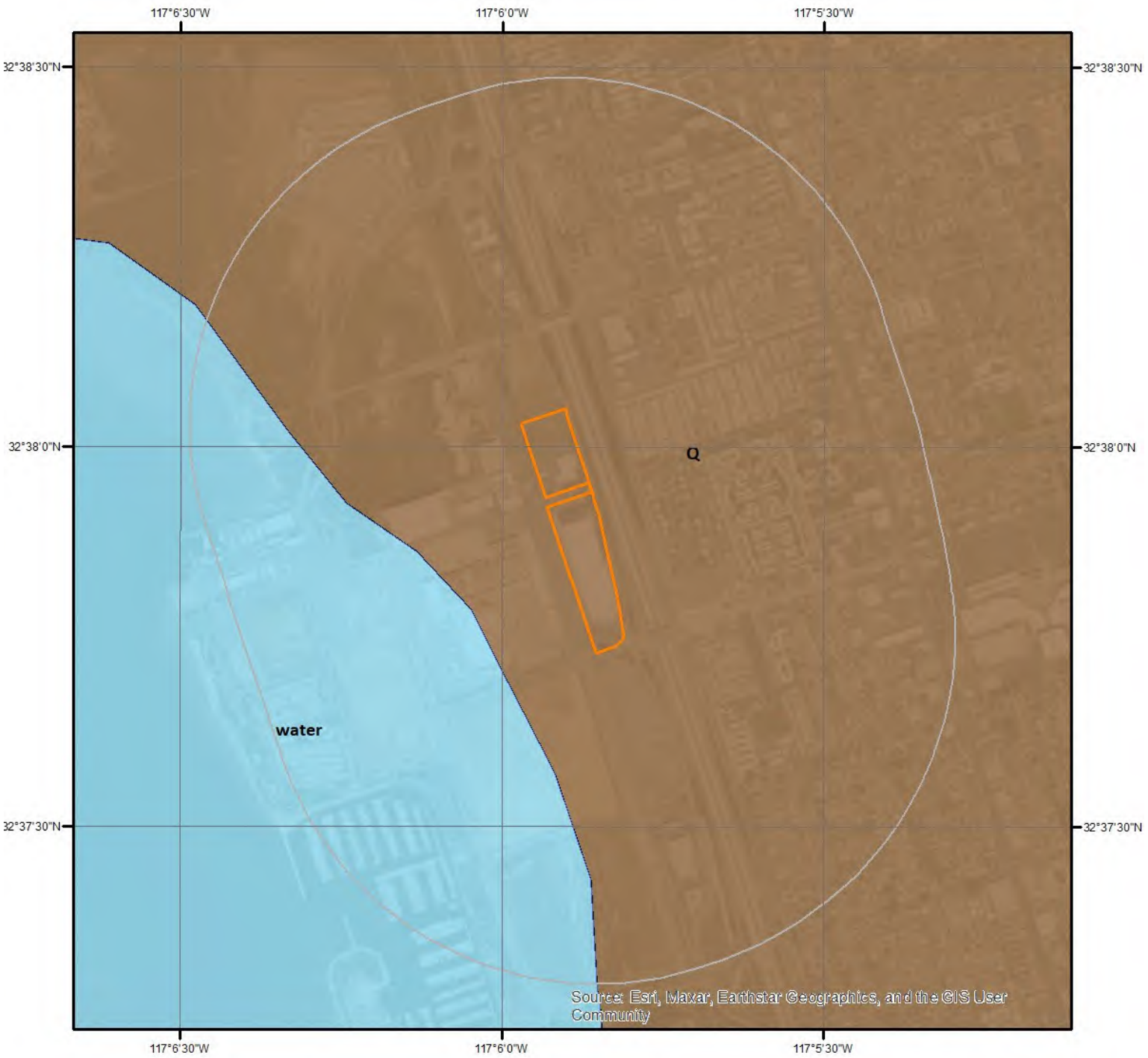
Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Flood Zone X-14

Zone:	X
Zone subtype:	AREA WITH REDUCED FLOOD RISK DUE TO LEVEE

Geologic Information



0 0.275 0.55 Miles

N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

0 0.375 0.75 Miles

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Q

Unit Name:	Quaternary alluvium and marine deposits
Unit Age:	Pliocene to Holocene
Primary Rock Type:	alluvium
Secondary Rock Type:	terrace
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

Geologic Unit water

Unit Name:	water
Unit Age:	Holocene
Primary Rock Type:	water
Secondary Rock Type:	
Unit Description:	water

Soil Information

SSURGO Soils

0 0.2 0.4 Miles

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit HrC (0.87%)

Map Unit Name:	Huerhuero loam, 2 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Huerhuero(85%)

horizon H1(0cm to 30cm)	Loam
horizon H2(30cm to 140cm)	Clay
horizon H2(30cm to 140cm)	Clay loam
horizon H3(140cm to 183cm)	Stratified sand to sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HrC - Huerhuero loam, 2 to 9 percent slopes

Component: Huerhuero (85%)
The Huerhuero component makes up 85 percent of the map unit. Slopes are 2 to 9 percent. This component is on valleys, hummocks marine terraces. The parent material consists of calcareous alluvium derived from sedimentary rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R019XD061CA Claypan (1975) ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 20 within 30 inches of the soil surface.

Component: Stockpen (5%)
Generated brief soil descriptions are created for major soil components. The Stockpen soil is a minor component.

Component: Las Flores (5%)
Generated brief soil descriptions are created for major soil components. The Las Flores soil is a minor component.

Component: Olivenhain (3%)
Generated brief soil descriptions are created for major soil components. The Olivenhain soil is a minor component.

Component: Unnamed (2%)
Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit HuC (19.69%)

Map Unit Name:	Huerhuero-Urban land complex, 2 to 9 percent slopes
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Huerhuero(50%)

horizon H1(0cm to 30cm)	Loam
horizon H2(30cm to 140cm)	Clay
horizon H2(30cm to 140cm)	Clay loam
horizon H3(140cm to 183cm)	Stratified sand to sandy loam
Urban land(30%)	
horizon H1(0cm to 15cm)	Variable

Component Description:

Minor map unit components are excluded from this report.

Map Unit: HuC - Huerhuero-Urban land complex, 2 to 9 percent slopes

Component: Huerhuero (50%)
The Huerhuero component makes up 50 percent of the map unit. Slopes are 2 to 9 percent. This component is on valleys, marine terraces. The parent material consists of calcareous alluvium derived from sedimentary rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is high. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 20 within 30 inches of the soil surface.

Component: Urban land (30%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Las Flores (10%)
Generated brief soil descriptions are created for major soil components. The Las Flores soil is a minor component.

Component: Oliventain (5%)
Generated brief soil descriptions are created for major soil components. The Oliventain soil is a minor component.

Map Unit Md (1.01%)

Map Unit Name:	Made land
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	
Drainage Class - Dominant:	
Hydrologic Group - Dominant:	
Major components are printed below	
Made land(100%)	
horizon H1(0cm to 15cm)	Variable

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Md - Made land

Component: Made land (100%)
Generated brief soil descriptions are created for major soil components. The Made land is a miscellaneous area.

Map Unit Tf (2.29%)

Map Unit Name:	Tidal flats
Bedrock Depth - Min:	
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained

Soil Information

Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Tidal flats(100%)

horizon H1(0cm to 152cm)	Variable

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Tf - Tidal flats

Component: Tidal flats (100%)
Generated brief soil descriptions are created for major soil components. The Tidal flats is a miscellaneous area.

Map Unit W (76.12%)

Map Unit Name:	Water

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: W - Water

Component: Water (100%)
Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Wells and Additional Sources

Wells & Additional Sources

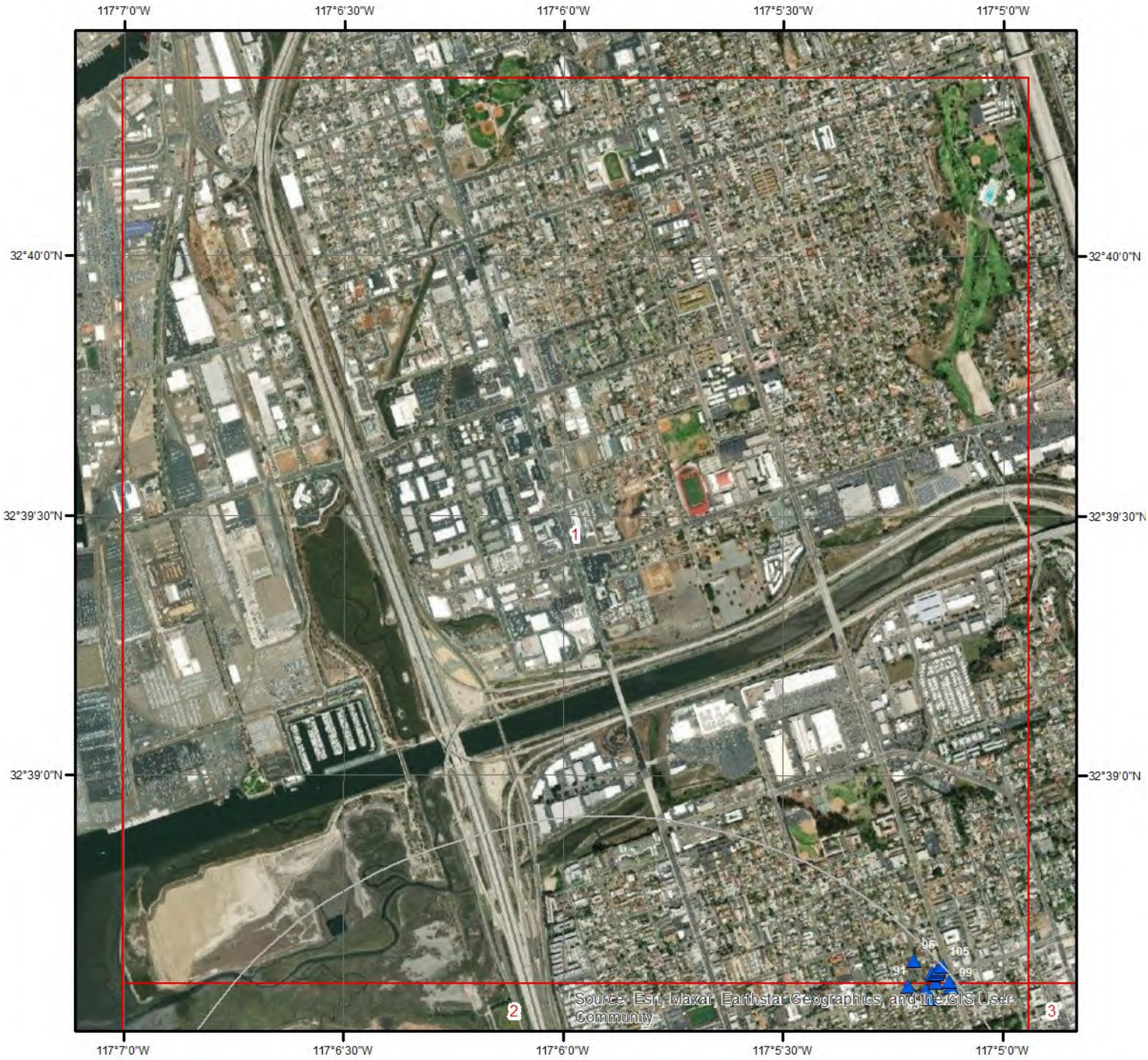
N

0 0.3 0.6 1.2 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 1

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources

Wells & Additional Sources - Page 2

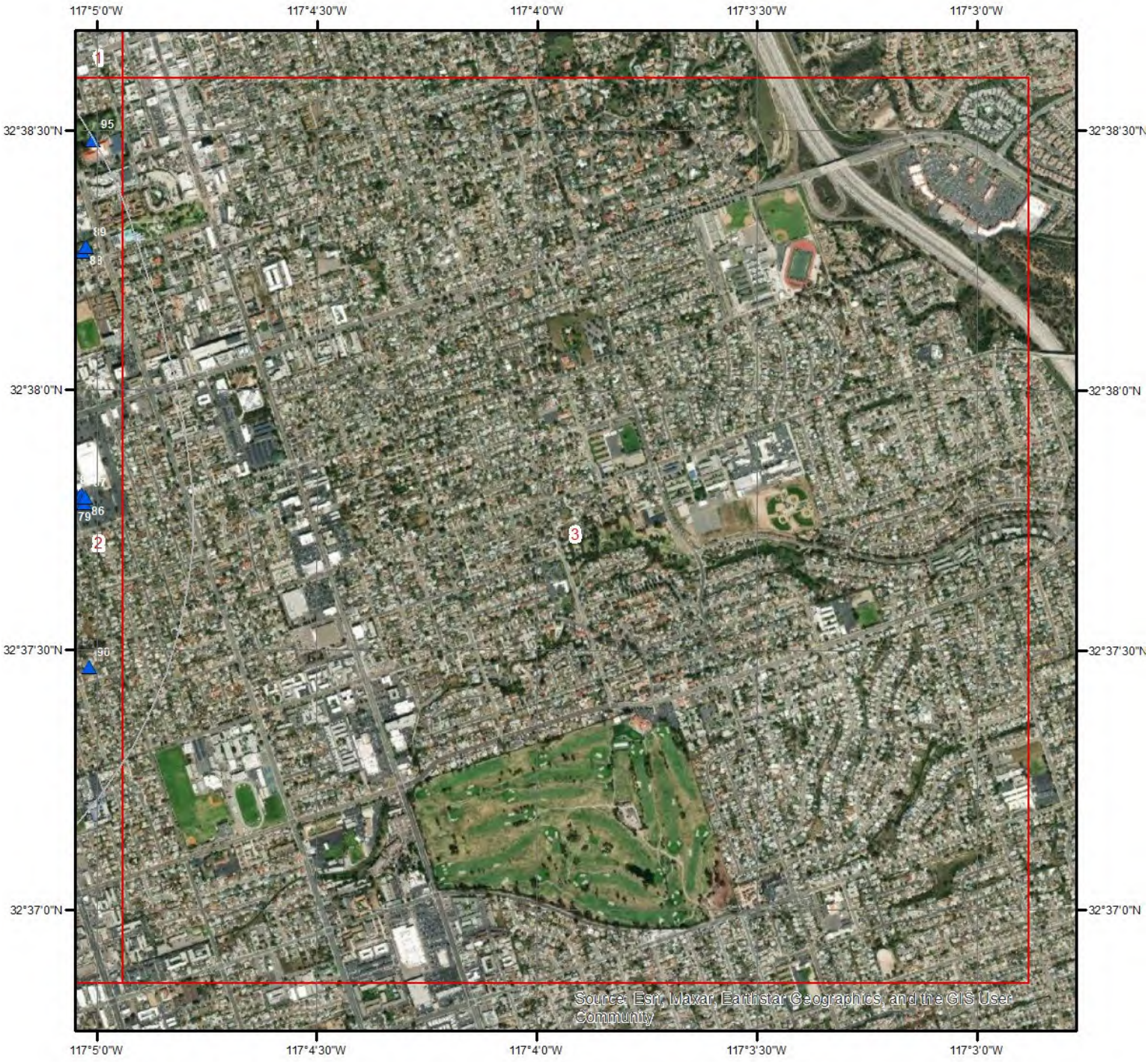
N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 3

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Site Number	Distance (ft)	Direction
2	USGS-323804117054701	576.15	NNE
56	USGS-323808117060406	842.14	NW
56	USGS-323808117060403	842.14	NW
56	USGS-323808117060404	842.14	NW
56	USGS-323808117060402	842.14	NW
56	USGS-323808117060401	842.14	NW
56	USGS-323808117060405	842.14	NW
89	USGS-323816117050201	4700.52	ENE
90	USGS-323728117050101	4422.65	ESE
95	USGS-323929117050001	5277.66	NE

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Periodic Groundwater Level Measurement Locations

Map Key	ID	Distance (ft)	Direction
	No records found		

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
1	WCR2019-004826	308.32	SE

3	WCR2018-000835	907.83	ESE
3	WCR2018-000839	907.83	ESE
4	WCR2018-000829	901.48	ESE
5	WCR2019-007081	725.69	SE
6	WCR2019-007077	718.85	SE
7	WCR2019-007251	726.07	SE
8	WCR2019-007074	763.64	SE
9	WCR2019-007254	721.20	SE
10	WCR2019-007233	773.40	SE
11	WCR2019-007250	782.11	SE
12	WCR2019-007078	733.49	SE
13	WCR2019-007232	762.84	SE
14	WCR2019-007243	805.79	SE
15	WCR2019-007238	787.58	SE
16	WCR2019-007075	768.15	SE
17	WCR2019-007079	851.07	ESE
18	WCR2019-007070	824.50	SE
18	WCR2019-007226	824.50	SE
19	WCR2019-007073	851.32	ESE
20	WCR2019-007255	812.23	SE
21	WCR2019-007253	774.59	SE
22	WCR2019-007076	787.00	SE
23	WCR2019-007247	830.36	SE
23	WCR2019-007239	830.36	SE
23	WCR2019-007231	830.36	SE
23	WCR2019-007068	830.36	SE
24	WCR2019-007227	869.86	ESE
25	WCR2019-007230	877.84	ESE
25	WCR2019-007065	877.84	ESE
26	WCR2018-000811	1111.50	ESE
27	WCR2019-011686	910.95	ESE
28	WCR2019-007084	984.79	ESE
29	WCR2019-007082	946.77	ESE
30	WCR2019-007252	845.85	SE
31	WCR2019-006971	859.55	SE
31	WCR2019-007234	859.55	SE
32	WCR2019-007236	881.98	ESE
33	WCR2019-011684	863.54	SE
34	WCR2019-011685	921.83	ESE
35	WCR2018-000823	1015.13	ESE
36	WCR2018-000821	1094.78	ESE
37	WCR2018-000802	1193.51	ESE
38	WCR2017-001134	738.59	NNE
38	WCR2017-001139	738.59	NNE
38	WCR2017-001152	738.59	NNE
38	WCR2017-001138	738.59	NNE
38	WCR2017-001143	738.59	NNE
38	WCR2017-001135	738.59	NNE
38	WCR2017-001133	738.59	NNE
38	WCR2017-001148	738.59	NNE
38	WCR2017-001145	738.59	NNE
38	WCR2017-001131	738.59	NNE
38	WCR2017-001153	738.59	NNE
38	WCR2017-001137	738.59	NNE
38	WCR2017-001150	738.59	NNE
38	WCR2017-001147	738.59	NNE
38	WCR2017-001130	738.59	NNE
38	WCR2017-001146	738.59	NNE
38	WCR2017-001141	738.59	NNE
38	WCR2017-001151	738.59	NNE
38	WCR2017-001132	738.59	NNE
38	WCR2017-001144	738.59	NNE
38	WCR2017-001140	738.59	NNE
38	WCR2017-001136	738.59	NNE
38	WCR2017-001149	738.59	NNE
38	WCR2017-001142	738.59	NNE

39	WCR2019-011688	892.71	SE
40	WCR1992-015056	764.40	NNE
41	WCR2017-004773	1200.01	ESE
42	WCR2018-000815	1124.42	ESE
43	WCR2018-000809	1165.58	ESE
44	WCR2019-001422	707.32	NNW
45	WCR2017-004775	1207.55	ESE
46	WCR2018-000844	1218.41	ESE
46	WCR2018-000840	1218.41	ESE
46	WCR2018-000846	1218.41	ESE
46	WCR2018-000845	1218.41	ESE
47	WCR2018-000825	1098.94	ESE
48	WCR2017-004774	1246.31	ESE
49	WCR2017-004776	1279.20	ESE
50	WCR2017-004778	1322.26	ESE
51	WCR2018-000805	1360.26	ESE
52	WCR2017-004777	1287.75	ESE
53	WCR2018-000819	1235.49	ESE
54	WCR2018-000795	1327.20	ESE
55	WCR2018-003340	862.42	NW
57	WCR2018-000827	1214.32	ESE
58	WCR2018-000806	1400.49	ESE
59	WCR2021-001562	1213.79	SSW
59	WCR2021-001564	1213.79	SSW
59	WCR2021-001563	1213.79	SSW
59	WCR2021-001565	1213.79	SSW
60	WCR2017-004771	1397.60	ESE
61	WCR2018-000828	1537.17	ESE
62	WCR2018-011683	1612.90	ESE
63	WCR0299454	1799.90	NE
63	WCR0154552	1799.90	NE
63	WCR1988-016394	1799.90	NE
63	WCR0057813	1799.90	NE
63	WCR1986-011014	1799.90	NE
63	WCR1994-011726	1799.90	NE
63	WCR1997-011185	1799.90	NE
63	WCR0241410	1799.90	NE
63	WCR0284355	1799.90	NE
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63	WCR0217225	1799.90	NE
63	WCR2003-014800	1799.90	NE
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63	WCR2013-012239	1799.90	NE
63	WCR2013-012243	1799.90	NE
63	WCR1988-017803	1799.90	NE
63	WCR2012-008826	1799.90	NE
63	WCR1952-001841	1799.90	NE
63	WCR2012-009758	1799.90	NE
63	WCR2012-009018	1799.90	NE
63	WCR1986-011011	1799.90	NE
63	WCR1988-017800	1799.90	NE
63	WCR2015-001073	1799.90	NE
63	WCR1995-011997	1799.90	NE
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63	WCR0234787	1799.90	NE
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63	WCR0151875	1799.90	NE
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63	WCR0009193	1799.90	NE
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63	WCR0275387	1799.90	NE
63	WCR2006-013217	1799.90	NE
63	WCR2003-015924	1799.90	NE
63	WCR2013-012242	1799.90	NE
63	WCR1988-016392	1799.90	NE
63	WCR2000-012268	1799.90	NE
63	WCR1999-009864	1799.90	NE
63	WCR1988-017799	1799.90	NE
63	WCR1988-016396	1799.90	NE
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63	WCR1988-017804	1799.90	NE
63	WCR1995-011996	1799.90	NE
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63	WCR2006-013216	1799.90	NE
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63	WCR2005-012178	1799.90	NE
63	WCR1997-011005	1799.90	NE
63	WCR2013-009376	1799.90	NE
63	WCR2005-012177	1799.90	NE
63	WCR2006-013195	1799.90	NE
63	WCR2013-012240	1799.90	NE
63	WCR2012-008761	1799.90	NE
63	WCR1986-011013	1799.90	NE
63	WCR2012-009756	1799.90	NE

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63	WCR2013-012241	1799.90	NE
63	WCR1996-010503	1799.90	NE
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63	WCR1986-011012	1799.90	NE
63	WCR1988-016391	1799.90	NE
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63	WCR2014-012598	1799.90	NE
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63	WCR1953-002032	1799.90	NE
63	WCR0090169	1799.90	NE
63	WCR0199031	1799.90	NE
63	WCR2013-012379	1799.90	NE
64	WCR2019-002561	2181.58	E
64	WCR2019-002562	2181.58	E
64	WCR2019-002560	2181.58	E
65	WCR2020-001473	2930.56	WSW
66	WCR2020-005847	2247.26	N
67	WCR0130368	2399.78	NW
67	WCR0076249	2399.78	NW
67	WCR2002-012497	2399.78	NW
67	WCR2015-001094	2399.78	NW
67	WCR2002-012496	2399.78	NW
67	WCR2015-001095	2399.78	NW
67	WCR1952-001842	2399.78	NW
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67	WCR2000-010010	2399.78	NW
67	WCR2015-001090	2399.78	NW
67	WCR2002-012495	2399.78	NW
67	WCR2015-001092	2399.78	NW
67	WCR2015-001093	2399.78	NW
67	WCR2002-012494	2399.78	NW
68	WCR2019-005682	2319.49	N
68	WCR2019-005571	2319.49	N
68	WCR2019-005683	2319.49	N
68	WCR2019-005681	2319.49	N
69	WCR2020-005885	2354.79	NNW
70	WCR2020-001474	2829.52	SW
71	WCR2020-005884	2402.95	NNW
72	WCR2020-009410	3443.56	ENE
72	WCR2020-009411	3443.56	ENE
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72	WCR2020-009409	3443.56	ENE
73	WCR2013-008978	3094.10	SSE
73	WCR2008-010985	3094.10	SSE
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73	WCR1995-010032	3094.10	SSE
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73	WCR0215216	3094.10	SSE
73	WCR0061411	3094.10	SSE
73	WCR2014-012016	3094.10	SSE
73	WCR2008-012140	3094.10	SSE
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73	WCR0225142	3094.10	SSE
73	WCR0015777	3094.10	SSE
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73	WCR0114094	3094.10	SSE
73	WCR0132600	3094.10	SSE

73	WCR2011-010372	3094.10	SSE
73	WCR0316624	3094.10	SSE
73	WCR2008-012141	3094.10	SSE
73	WCR2014-012051	3094.10	SSE
73	WCR2000-012328	3094.10	SSE
73	WCR2011-010371	3094.10	SSE
73	WCR2008-010986	3094.10	SSE
73	WCR2011-010383	3094.10	SSE
73	WCR2013-009087	3094.10	SSE
73	WCR2014-012015	3094.10	SSE
73	WCR2014-012055	3094.10	SSE
73	WCR2013-008979	3094.10	SSE
73	WCR1997-010551	3094.10	SSE
73	WCR2014-012014	3094.10	SSE
73	WCR1998-010355	3094.10	SSE
73	WCR2014-012050	3094.10	SSE
73	WCR2008-012142	3094.10	SSE
73	WCR1999-010671	3094.10	SSE
73	WCR2011-010465	3094.10	SSE
73	WCR0207564	3094.10	SSE
73	WCR1995-010035	3094.10	SSE
73	WCR1999-010677	3094.10	SSE
73	WCR2013-009084	3094.10	SSE
73	WCR2014-012054	3094.10	SSE
73	WCR2014-012021	3094.10	SSE
73	WCR2014-012017	3094.10	SSE
73	WCR0151877	3094.10	SSE
73	WCR2011-010374	3094.10	SSE
73	WCR0090171	3094.10	SSE
73	WCR2013-009083	3094.10	SSE
73	WCR2011-010373	3094.10	SSE
73	WCR2014-012053	3094.10	SSE
73	WCR2008-010984	3094.10	SSE
73	WCR2014-012052	3094.10	SSE
74	WCR2022-006725	3890.38	E
75	WCR2022-006400	3894.62	E
76	WCR2019-004387	3481.42	SE
76	WCR2019-004389	3481.42	SE
76	WCR2019-004388	3481.42	SE
77	WCR2022-003850	3912.61	E
78	WCR2022-006724	3932.07	E
78	WCR2022-003854	3932.07	E
79	WCR2022-006399	3939.39	E
79	WCR2022-003848	3939.39	E
80	WCR2022-003919	3954.52	E
81	WCR2022-003925	3974.37	E
82	WCR2022-003924	3992.63	E
83	WCR2022-003927	3990.68	E
84	WCR2020-016832	3422.30	SSE
84	WCR2020-016834	3422.30	SSE
85	WCR2022-003922	4003.03	E
86	WCR2022-003928	4019.74	E
87	WCR2022-003918	4040.81	E
88	WCR2017-004410	4645.11	ENE
91	WCR2015-002966	4826.93	NE
92	WCR2019-002219	4914.83	NE
93	WCR2019-002218	4953.36	NE
94	WCR2016-000835	5100.25	NE
96	WCR2016-000837	5085.61	NE
97	WCR2019-002225	5134.70	NE
98	WCR2019-012388	5137.99	NE
99	WCR2019-002217	5197.86	NE
100	WCR2019-012385	5174.01	NE
101	WCR2019-002226	5192.46	NE
102	WCR2019-002227	5200.99	NE
103	WCR2019-002216	5226.89	NE

Wells and Additional Sources Summary

104	WCR2019-002228	5227.86	NE
105	WCR2019-012386	5275.76	NE

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNE	0.11	576.15	32.25	FED USGS

Reporting Agency:	USGS California Water Science Center
Site Number:	USGS-323804117054701
Station Name:	018S002W03P001S
Site Type:	Well
Latitude:	32.63455556000000
Longitude:	-117.0965528000000
Date Drilled:	19930920
Well Depth:	750
Well Depth Unit:	ft
Well Hole Depth:	800
W Hole Depth Unit:	ft
Formation Type:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	NW	0.16	842.14	17.64	FED USGS

Reporting Agency:	USGS California Water Science Center
Site Number:	USGS-323808117060406
Station Name:	018S002W05J006S
Site Type:	Well
Latitude:	32.63555556000000
Longitude:	-117.1013610000000
Date Drilled:	20170202
Well Depth:	47
Well Depth Unit:	ft
Well Hole Depth:	2657.4
W Hole Depth Unit:	ft
Formation Type:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	NW	0.16	842.14	17.64	FED USGS

Reporting Agency:	USGS California Water Science Center
Site Number:	USGS-323808117060403
Station Name:	018S002W05J003S
Site Type:	Well
Latitude:	32.63555556000000
Longitude:	-117.1013610000000
Date Drilled:	20170202

Well Depth: 1130
Well Depth Unit: ft
Well Hole Depth: 2657.4
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	NW	0.16	842.14	17.64	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-323808117060404
Station Name: 018S002W05J004S
Site Type: Well
Latitude: 32.63555556000000
Longitude: -117.1013610000000
Date Drilled: 20170202
Well Depth: 640
Well Depth Unit: ft
Well Hole Depth: 2657.4
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	NW	0.16	842.14	17.64	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-323808117060402
Station Name: 018S002W05J002S
Site Type: Well
Latitude: 32.63555556000000
Longitude: -117.1013610000000
Date Drilled: 20170202
Well Depth: 2200
Well Depth Unit: ft
Well Hole Depth: 2657.4
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	NW	0.16	842.14	17.64	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-323808117060401
Station Name: 018S002W05J001S
Site Type: Well

Latitude: 32.63555556000000
Longitude: -117.1013610000000
Date Drilled: 20170202
Well Depth: 2620
Well Depth Unit: ft
Well Hole Depth: 2657.4
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	NW	0.16	842.14	17.64	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-323808117060405
Station Name: 018S002W05J005S
Site Type: Well
Latitude: 32.63555556000000
Longitude: -117.1013610000000
Date Drilled: 20170202
Well Depth: 200
Well Depth Unit: ft
Well Hole Depth: 2657.4
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
89	ENE	0.89	4,700.52	58.85	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-323816117050201
Station Name: 018S002W03E001S
Site Type: Well
Latitude: 32.63791667000000
Longitude: -117.0837500000000
Date Drilled: 20160211
Well Depth: 1010
Well Depth Unit: ft
Well Hole Depth: 1020
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
90	ESE	0.84	4,422.65	59.63	FED USGS

Reporting Agency: USGS California Water Science Center

Wells and Additional Sources Detail Report

Site Number: USGS-323728117050101
Station Name: 018S002W10D001S
Site Type: Well
Latitude: 32.62444444000000
Longitude: -117.0836110000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
95	NE	1.00	5,277.66	66.57	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-323929117050001
Station Name: 018S002W03D001S
Site Type: Well
Latitude: 32.64136110000000
Longitude: -117.0834722000000
Date Drilled: 20160620
Well Depth: 950
Well Depth Unit: ft
Well Hole Depth: 970
W Hole Depth Unit: ft
Formation Type:

Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	SE	0.06	308.32	21.97	WATER WELLS

WCR No: WCR2019-004826
Decimal Lat(OSWCR): 32.630271
Decimal Latitude: 32.630271
Decim Long(OSWCR): -117.096057
Decimal Longitude: -117.096057
Location: 0 SW NB I5
City: San Diego
County: San Diego
Location(OSWCR): 0 SW NB I5
City(OSWCR): San Diego
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ESE	0.17	907.83	23.96	WATER WELLS

WCR No:	WCR2018-000835	Decimal Lat(OSWCR):	32.6304495
Decimal Latitude:	32.6304495	Decim Long(OSWCR):	-117.0941130
Decimal Longitude:	-117.0941130		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ESE	0.17	907.83	23.96	WATER WELLS

WCR No:	WCR2018-000839	Decimal Lat(OSWCR):	32.6304495
Decimal Latitude:	32.6304495	Decim Long(OSWCR):	-117.0941130
Decimal Longitude:	-117.0941130		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	ESE	0.17	901.48	22.76	WATER WELLS

WCR No:	WCR2018-000829	Decimal Lat(OSWCR):	32.6301830
Decimal Latitude:	32.6301830	Decim Long(OSWCR):	-117.0940754
Decimal Longitude:	-117.0940754		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SE	0.14	725.69	22.28	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR2019-007081	Decimal Lat(OSWCR):	32.6294368
Decimal Latitude:	32.6294368	Decim Long(OSWCR):	-117.0945186
Decimal Longitude:	-117.0945186		
Location:	720 720 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 720 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	SE	0.14	718.85	22.28	WATER WELLS

WCR No:	WCR2019-007077	Decimal Lat(OSWCR):	32.6293625
Decimal Latitude:	32.6293625	Decim Long(OSWCR):	-117.0945309
Decimal Longitude:	-117.0945309		
Location:	720 720 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 720 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	SE	0.14	726.07	22.28	WATER WELLS

WCR No:	WCR2019-007251	Decimal Lat(OSWCR):	32.6293858
Decimal Latitude:	32.6293858	Decim Long(OSWCR):	-117.0945101
Decimal Longitude:	-117.0945101		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SE	0.14	763.64	22.52	WATER WELLS

WCR No:	WCR2019-007074	Decimal Lat(OSWCR):	32.6294021
Decimal Latitude:	32.6294021	Decim Long(OSWCR):	-117.0943894

Decimal Longitude: -117.0943894
Location: 720 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SE	0.14	721.20	23.89	WATER WELLS

WCR No: WCR2019-007254
Decimal Lat(OSWCR): 32.6292266
Decimal Latitude: 32.6292266
Decim Long(OSWCR): -117.0945134
Decimal Longitude: -117.0945134
Location: 720 H ST
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	SE	0.15	773.40	22.52	WATER WELLS

WCR No: WCR2019-007233
Decimal Lat(OSWCR): 32.6293996
Decimal Latitude: 32.6293996
Decim Long(OSWCR): -117.0943572
Decimal Longitude: -117.0943572
Location: 720 H ST
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	SE	0.15	782.11	22.76	WATER WELLS

WCR No: WCR2019-007250
Decimal Lat(OSWCR): 32.6294236
Decimal Latitude: 32.6294236
Decim Long(OSWCR): -117.0943319
Decimal Longitude: -117.0943319
Location: 720 H ST

City: Chula Vista
County: San Diego
Location(OSWCR): 720 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SE	0.14	733.49	23.89	WATER WELLS

WCR No: WCR2019-007078
Decimal Lat(OSWCR): 32.6292246
Decimal Latitude: 32.6292246
Decim Long(OSWCR): -117.0944734
Decimal Longitude: -117.0944734
Location: 720 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	SE	0.14	762.84	23.68	WATER WELLS

WCR No: WCR2019-007232
Decimal Lat(OSWCR): 32.6293197
Decimal Latitude: 32.6293197
Decim Long(OSWCR): -117.0943833
Decimal Longitude: -117.0943833
Location: 720 H ST
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	SE	0.15	805.79	22.83	WATER WELLS

WCR No: WCR2019-007243
Decimal Lat(OSWCR): 32.629444
Decimal Latitude: 32.629444
Decim Long(OSWCR): -117.0942573
Decimal Longitude: -117.0942573
Location: 720 H ST
City: Chula Vista
County: San Diego

Location(OSWCR): 720 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	SE	0.15	787.58	23.32	WATER WELLS

WCR No: WCR2019-007238
Decimal Lat(OSWCR): 32.6293458
Decimal Latitude: 32.6293458
Decim Long(OSWCR): -117.094305
Decimal Longitude: -117.094305
Location: 720 H ST
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	SE	0.15	768.15	23.68	WATER WELLS

WCR No: WCR2019-007075
Decimal Lat(OSWCR): 32.6292713
Decimal Latitude: 32.6292713
Decim Long(OSWCR): -117.0943627
Decimal Longitude: -117.0943627
Location: 720 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	ESE	0.16	851.07	22.87	WATER WELLS

WCR No: WCR2019-007079
Decimal Lat(OSWCR): 32.6295415
Decimal Latitude: 32.6295415
Decim Long(OSWCR): -117.0941243
Decimal Longitude: -117.0941243
Location: 720 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 720 H Street
City(OSWCR): Chula Vista

County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SE	0.16	824.50	22.83	WATER WELLS

WCR No: WCR2019-007070
Decimal Lat(OSWCR): 32.629416
Decimal Latitude: 32.629416
Decim Long(OSWCR): -117.0942009
Decimal Longitude: -117.0942009
Location: 720 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SE	0.16	824.50	22.83	WATER WELLS

WCR No: WCR2019-007226
Decimal Lat(OSWCR): 32.6293995
Decimal Latitude: 32.6293995
Decim Long(OSWCR): -117.0941816
Decimal Longitude: -117.0941816
Location: 720 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	ESE	0.16	851.32	21.72	WATER WELLS

WCR No: WCR2019-007073
Decimal Lat(OSWCR): 32.6294789
Decimal Latitude: 32.6294789
Decim Long(OSWCR): -117.0941134
Decimal Longitude: -117.0941134
Location: 720 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SE	0.15	812.23	23.09	WATER WELLS

WCR No:	WCR2019-007255	Decimal Lat(OSWCR):	32.6293164
Decimal Latitude:	32.6293164	Decim Long(OSWCR):	-117.0942222
Decimal Longitude:	-117.0942222		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	SE	0.15	774.59	24.32	WATER WELLS

WCR No:	WCR2019-007253	Decimal Lat(OSWCR):	32.6291763
Decimal Latitude:	32.6291763	Decim Long(OSWCR):	-117.0943391
Decimal Longitude:	-117.0943391		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SE	0.15	787.00	24.32	WATER WELLS

WCR No:	WCR2019-007076	Decimal Lat(OSWCR):	32.6291858
Decimal Latitude:	32.6291858	Decim Long(OSWCR):	-117.0942988
Decimal Longitude:	-117.0942988		
Location:	720 720 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 720 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SE	0.16	830.36	23.09	WATER WELLS

WCR No:	WCR2019-007247	Decimal Lat(OSWCR):	32.6293468
Decimal Latitude:	32.6293468	Decim Long(OSWCR):	-117.0941772
Decimal Longitude:	-117.0941772		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SE	0.16	830.36	23.09	WATER WELLS

WCR No:	WCR2019-007239	Decimal Lat(OSWCR):	32.6293446
Decimal Latitude:	32.6293446	Decim Long(OSWCR):	-117.0941741
Decimal Longitude:	-117.0941741		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SE	0.16	830.36	23.09	WATER WELLS

WCR No:	WCR2019-007231	Decimal Lat(OSWCR):	32.6293445
Decimal Latitude:	32.6293445	Decim Long(OSWCR):	-117.0941687
Decimal Longitude:	-117.0941687		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	SE	0.16	830.36	22.25	WATER WELLS

WCR No:	WCR2019-007068	Decimal Lat(OSWCR):	32.6293295
Decimal Latitude:	32.6293295	Decim Long(OSWCR):	-117.0941563
Decimal Longitude:	-117.0941563		
Location:	720 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	ESE	0.16	869.86	21.67	WATER WELLS

WCR No:	WCR2019-007227	Decimal Lat(OSWCR):	32.6294785
Decimal Latitude:	32.6294785	Decim Long(OSWCR):	-117.0940526
Decimal Longitude:	-117.0940526		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	ESE	0.17	877.84	21.41	WATER WELLS

WCR No:	WCR2019-007230	Decimal Lat(OSWCR):	32.6294162
Decimal Latitude:	32.6294162	Decim Long(OSWCR):	-117.0940271
Decimal Longitude:	-117.0940271		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	ESE	0.17	877.84	21.41	WATER WELLS

WCR No:	WCR2019-007065	Decimal Lat(OSWCR):	32.6294207
Decimal Latitude:	32.6294207	Decim Long(OSWCR):	-117.0940095
Decimal Longitude:	-117.0940095		
Location:	720 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	ESE	0.21	1,111.50	26.94	WATER WELLS

WCR No:	WCR2018-000811	Decimal Lat(OSWCR):	32.6304756
Decimal Latitude:	32.6304756	Decim Long(OSWCR):	-117.0934456
Decimal Longitude:	-117.0934456		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	ESE	0.17	910.95	22.76	WATER WELLS

WCR No:	WCR2019-011686	Decimal Lat(OSWCR):	32.6295295
Decimal Latitude:	32.6295295	Decim Long(OSWCR):	-117.093926
Decimal Longitude:	-117.093926		
Location:	708 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	708 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	ESE	0.19	984.79	22.96	WATER WELLS

WCR No:	WCR2019-007084	Decimal Lat(OSWCR):	32.6298062

Decimal Latitude:	32.6298062	Decim Long(OSWCR):	-117.0937286
Decimal Longitude:	-117.0937286		
Location:	720 720 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 720 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	ESE	0.18	946.77	23.40	WATER WELLS

WCR No:	WCR2019-007082	Decimal Lat(OSWCR):	32.6296394
Decimal Latitude:	32.6296394	Decim Long(OSWCR):	-117.0938263
Decimal Longitude:	-117.0938263		
Location:	720 720 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 720 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	SE	0.16	845.85	22.73	WATER WELLS

WCR No:	WCR2019-007252	Decimal Lat(OSWCR):	32.6292437
Decimal Latitude:	32.6292437	Decim Long(OSWCR):	-117.0941088
Decimal Longitude:	-117.0941088		
Location:	720 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SE	0.16	859.55	22.10	WATER WELLS

WCR No:	WCR2019-006971	Decimal Lat(OSWCR):	32.6292533
Decimal Latitude:	32.6292533	Decim Long(OSWCR):	-117.0940671
Decimal Longitude:	-117.0940671		

Wells and Additional Sources Detail Report

Location: 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SE	0.16	859.55	22.10	WATER WELLS

WCR No: WCR2019-007234
Decimal Latitude: 32.6292362
Decimal Longitude: -117.0940615
Location: 720 H ST
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Decimal Lat(OSWCR): 32.6292362
Decim Long(OSWCR): -117.0940615
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	ESE	0.17	881.98	21.56	WATER WELLS

WCR No: WCR2019-007236
Decimal Latitude: 32.6293009
Decimal Longitude: -117.0939941
Location: 720 H ST
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Decimal Lat(OSWCR): 32.6293009
Decim Long(OSWCR): -117.0939941
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	SE	0.16	863.54	21.65	WATER WELLS

WCR No: WCR2019-011684
Decimal Latitude: 32.6291516
Decimal Longitude: -117.0940502
Location: 708 H ST
City: Chula Vista
Decimal Lat(OSWCR): 32.6291516
Decim Long(OSWCR): -117.0940502

Wells and Additional Sources Detail Report

County: San Diego
Location(OSWCR): 708 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	ESE	0.17	921.83	24.08	WATER WELLS

WCR No: WCR2019-011685
Decimal Lat(OSWCR): 32.6293603
Decimal Latitude: 32.6293603
Decim Long(OSWCR): -117.0938688
Decimal Longitude: -117.0938688
Location: 708 H ST
City: Chula Vista
County: San Diego
Location(OSWCR): 708 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	ESE	0.19	1,015.13	23.65	WATER WELLS

WCR No: WCR2018-000823
Decimal Lat(OSWCR): 32.6296962
Decimal Latitude: 32.6296962
Decim Long(OSWCR): -117.0936113
Decimal Longitude: -117.0936113
Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	ESE	0.21	1,094.78	25.90	WATER WELLS

WCR No: WCR2018-000821
Decimal Lat(OSWCR): 32.6299763
Decimal Latitude: 32.6299763
Decim Long(OSWCR): -117.0933954
Decimal Longitude: -117.0933954
Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST

City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	ESE	0.23	1,193.51	25.78	WATER WELLS

WCR No: WCR2018-000802
Decimal Lat(OSWCR): 32.6304200
Decimal Latitude: 32.6304200
Decim Long(OSWCR): -117.0931623
Decimal Longitude: -117.0931623
Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001134
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001139
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001152
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001138
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001143
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001135	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001133	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001148	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001145	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001131	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001153	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001137	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001150	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 f ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 f ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001147	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001130	Decimal Lat(OSWCR):	32.635859379
Decimal Latitude:	32.635859379	Decim Long(OSWCR):	-117.097036568
Decimal Longitude:	-117.097036568		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001146	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001141	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366
Decimal Longitude:	-117.0970366		
Location:	740 F ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	740 F ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No:	WCR2017-001151	Decimal Lat(OSWCR):	32.6358594
Decimal Latitude:	32.6358594	Decim Long(OSWCR):	-117.0970366

Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001132
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001144
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001140
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST

City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001136
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001149
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
38	NNE	0.14	738.59	36.61	WATER WELLS

WCR No: WCR2017-001142
Decimal Lat(OSWCR): 32.6358594
Decimal Latitude: 32.6358594
Decim Long(OSWCR): -117.0970366
Decimal Longitude: -117.0970366
Location: 740 F ST
City: CHULA VISTA
County: San Diego

Location(OSWCR): 740 F ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	SE	0.17	892.71	22.18	WATER WELLS

WCR No: WCR2019-011688
Decimal Lat(OSWCR): 32.6288425
Decimal Latitude: 32.6288425
Decim Long(OSWCR): -117.0939818
Decimal Longitude: -117.0939818
Location: 708 H ST
City: Chula Vista
County: San Diego
Location(OSWCR): 708 H ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	NNE	0.14	764.40	37.55	WATER WELLS

WCR No: WCR1992-015056
Decimal Lat(OSWCR):
Decimal Latitude:
Decim Long(OSWCR):
Decimal Longitude:
Location: 740 'F' ST
City: Chula Vista
County: San Diego
Location(OSWCR): 740 'F' ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	ESE	0.23	1,200.01	27.72	WATER WELLS

WCR No: WCR2017-004773
Decimal Lat(OSWCR): 32.6301743
Decimal Latitude: 32.6301743
Decim Long(OSWCR): -117.0930868
Decimal Longitude: -117.0930868
Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST
City(OSWCR): CHULA VISTA

County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	ESE	0.21	1,124.42	25.04	WATER WELLS

WCR No: WCR2018-000815
Decimal Lat(OSWCR): 32.6297780
Decimal Latitude: 32.6297780
Decim Long(OSWCR): -117.0932661
Decimal Longitude: -117.0932661
Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	ESE	0.22	1,165.58	25.77	WATER WELLS

WCR No: WCR2018-000809
Decimal Lat(OSWCR): 32.6299312
Decimal Latitude: 32.6299312
Decim Long(OSWCR): -117.0931559
Decimal Longitude: -117.0931559
Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	NNW	0.13	707.32	20.18	WATER WELLS

WCR No: WCR2019-001422
Decimal Lat(OSWCR): 32.6353851
Decimal Latitude: 32.6353851
Decim Long(OSWCR): -117.1009201
Decimal Longitude: -117.1009201
Location: 830 Lagoon DR
City: Chula Vista
County: San Diego
Location(OSWCR): 830 Lagoon DR
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	ESE	0.23	1,207.55	27.87	WATER WELLS

WCR No:	WCR2017-004775	Decimal Lat(OSWCR):	32.6301201
Decimal Latitude:	32.6301201	Decim Long(OSWCR):	-117.0930506
Decimal Longitude:	-117.0930506		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	ESE	0.23	1,218.41	27.87	WATER WELLS

WCR No:	WCR2018-000844	Decimal Lat(OSWCR):	32.6301649
Decimal Latitude:	32.6301649	Decim Long(OSWCR):	-117.0930240
Decimal Longitude:	-117.0930240		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	ESE	0.23	1,218.41	27.87	WATER WELLS

WCR No:	WCR2018-000840	Decimal Lat(OSWCR):	32.6301649
Decimal Latitude:	32.6301649	Decim Long(OSWCR):	-117.0930240
Decimal Longitude:	-117.0930240		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	ESE	0.23	1,218.41	27.87	WATER WELLS

WCR No:	WCR2018-000846	Decimal Lat(OSWCR):	32.6301649
Decimal Latitude:	32.6301649	Decim Long(OSWCR):	-117.0930240
Decimal Longitude:	-117.0930240		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	ESE	0.23	1,218.41	27.87	WATER WELLS

WCR No:	WCR2018-000845	Decimal Lat(OSWCR):	32.6301649
Decimal Latitude:	32.6301649	Decim Long(OSWCR):	-117.0930240
Decimal Longitude:	-117.0930240		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
47	ESE	0.21	1,098.94	25.95	WATER WELLS

WCR No:	WCR2018-000825	Decimal Lat(OSWCR):	32.6295065
Decimal Latitude:	32.6295065	Decim Long(OSWCR):	-117.0933069
Decimal Longitude:	-117.0933069		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	ESE	0.24	1,246.31	28.05	WATER WELLS

WCR No:	WCR2017-004774	Decimal Lat(OSWCR):	32.6301551
Decimal Latitude:	32.6301551	Decim Long(OSWCR):	-117.0929299
Decimal Longitude:	-117.0929299		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
49	ESE	0.24	1,279.20	27.75	WATER WELLS

WCR No:	WCR2017-004776	Decimal Lat(OSWCR):	32.6303263
Decimal Latitude:	32.6303263	Decim Long(OSWCR):	-117.0928585
Decimal Longitude:	-117.0928585		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	ESE	0.25	1,322.26	26.03	WATER WELLS

WCR No:	WCR2017-004778	Decimal Lat(OSWCR):	32.6305679
Decimal Latitude:	32.6305679	Decim Long(OSWCR):	-117.0927693
Decimal Longitude:	-117.0927693		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	ESE	0.26	1,360.26	28.04	WATER WELLS

WCR No:	WCR2018-000805	Decimal Lat(OSWCR):	32.6306820
Decimal Latitude:	32.6306820	Decim Long(OSWCR):	-117.0926688
Decimal Longitude:	-117.0926688		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	ESE	0.24	1,287.75	28.08	WATER WELLS

WCR No:	WCR2017-004777	Decimal Lat(OSWCR):	32.6301884
Decimal Latitude:	32.6301884	Decim Long(OSWCR):	-117.0928001
Decimal Longitude:	-117.0928001		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	ESE	0.23	1,235.49	26.61	WATER WELLS

WCR No:	WCR2018-000819	Decimal Lat(OSWCR):	32.6298909
Decimal Latitude:	32.6298909	Decim Long(OSWCR):	-117.0929201
Decimal Longitude:	-117.0929201		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	ESE	0.25	1,327.20	28.11	WATER WELLS

WCR No:	WCR2018-000795	Decimal Lat(OSWCR):	32.6302212

Decimal Latitude:	32.6302212	Decim Long(OSWCR):	-117.0926768
Decimal Longitude:	-117.0926768		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	NW	0.16	862.42	16.65	WATER WELLS

WCR No:	WCR2018-003340	Decimal Lat(OSWCR):	32.6351026
Decimal Latitude:	32.6351026	Decim Long(OSWCR):	-117.1018925
Decimal Longitude:	-117.1018925		
Location:	851 Lagoon DR		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	851 Lagoon DR		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	ESE	0.23	1,214.32	26.70	WATER WELLS

WCR No:	WCR2018-000827	Decimal Lat(OSWCR):	32.6294161
Decimal Latitude:	32.6294161	Decim Long(OSWCR):	-117.0929207
Decimal Longitude:	-117.0929207		
Location:	666 H ST		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	666 H ST		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	ESE	0.27	1,400.49	28.87	WATER WELLS

WCR No:	WCR2018-000806	Decimal Lat(OSWCR):	32.6301534
Decimal Latitude:	32.6301534	Decim Long(OSWCR):	-117.0924220
Decimal Longitude:	-117.0924220		

Wells and Additional Sources Detail Report

Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SSW	0.23	1,213.79	8.94	WATER WELLS

WCR No: WCR2021-001562
Decimal Lat(OSWCR): 32.6270579
Decimal Latitude: 32.6270579
Decim Long(OSWCR): -117.1009192
Decimal Longitude: -117.1009192
Location: 0 Marina Pkwy & H st
City: Chula Vista
County: San Diego
Location(OSWCR): 0 Marina Pkwy & H st
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SSW	0.23	1,213.79	8.94	WATER WELLS

WCR No: WCR2021-001564
Decimal Lat(OSWCR): 32.6270579
Decimal Latitude: 32.6270579
Decim Long(OSWCR): -117.1009192
Decimal Longitude: -117.1009192
Location: 0 Marina Pkwy & H st
City: Chula Vista
County: San Diego
Location(OSWCR): 0 Marina Pkwy & H st
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SSW	0.23	1,213.79	8.94	WATER WELLS

WCR No: WCR2021-001563
Decimal Lat(OSWCR): 32.6270579
Decimal Latitude: 32.6270579
Decim Long(OSWCR): -117.1009192
Decimal Longitude: -117.1009192
Location: 0 Marina Pkwy & H st
City: Chula Vista

Wells and Additional Sources Detail Report

County: San Diego
Location(OSWCR): 0 Marina Pkwy & H st
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	SSW	0.23	1,213.79	8.94	WATER WELLS

WCR No: WCR2021-001565
Decimal Lat(OSWCR): 32.6270579
Decimal Latitude: 32.6270579
Decim Long(OSWCR): -117.1009192
Decimal Longitude: -117.1009192
Location: 0 Marina Pkwy & H st
City: Chula Vista
County: San Diego
Location(OSWCR): 0 Marina Pkwy & H st
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
60	ESE	0.26	1,397.60	29.94	WATER WELLS

WCR No: WCR2017-004771
Decimal Lat(OSWCR): 32.6297146
Decimal Latitude: 32.6297146
Decim Long(OSWCR): -117.0923599
Decimal Longitude: -117.0923599
Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	ESE	0.29	1,537.17	30.73	WATER WELLS

WCR No: WCR2018-000828
Decimal Lat(OSWCR): 32.6301491
Decimal Latitude: 32.6301491
Decim Long(OSWCR): -117.0919725
Decimal Longitude: -117.0919725
Location: 666 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 666 H ST

City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
62	ESE	0.31	1,612.90	32.48	WATER WELLS

WCR No: WCR2018-011683
Decimal Lat(OSWCR): 32.63
Decimal Latitude: 32.63
Decim Long(OSWCR): -117.0917
Decimal Longitude: -117.0917
Location: 652 H ST
City: CHULA VISTA
County: San Diego
Location(OSWCR): 652 H ST
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0299454
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0154552
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1988-016394
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 707 F Street
City: Chula Vista
County: San Diego
Location(OSWCR): 707 F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0057813
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1986-011014
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: Bay Blvd
City: Chula Vista
County: San Diego
Location(OSWCR): Bay Blvd
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1994-011726	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	196 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	196 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1997-011185	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	CALIENTE RD		
City:	Otay		
County:	San Diego		
Location(OSWCR):	CALIENTE RD		
City(OSWCR):	Otay		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0241410	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0284355	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0145359	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0166206	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0279986	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0217225	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2003-014800	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	199 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	199 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2014-012597	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	Flower Street & Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	Flower Street & Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2013-012239	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	745 H Street		
City:	San Diego		
County:	San Diego		
Location(OSWCR):	745 H Street		
City(OSWCR):	San Diego		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2013-012243	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	745 H Street		
City:	San Diego		
County:	San Diego		
Location(OSWCR):	745 H Street		
City(OSWCR):	San Diego		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1988-017803	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268

Decimal Longitude: -117.09268
Location: F Street
City: Chula Vista
County: San Diego
Location(OSWCR): F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-008826
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 666 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 666 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1952-001841
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: RAILRD, F Street
City: Chula Vista
County: San Diego
Location(OSWCR): RAILRD, F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-009758
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 666 H Street

City: Chula Vista
County: San Diego
Location(OSWCR): 666 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-009018
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 745 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 745 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1986-011011
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: Bay Blvd
City: Chula Vista
County: San Diego
Location(OSWCR): Bay Blvd
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1988-017800
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: F Street
City: Chula Vista
County: San Diego

Location(OSWCR): F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2015-001073
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1995-011997
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 640-692 E Street
City: Chula Vista
County: San Diego
Location(OSWCR): 640-692 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2002-015098
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 695 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 695 H Street
City(OSWCR): Chula Vista

County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0295686
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2013-012238
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 745 H Street
City: San Diego
County: San Diego
Location(OSWCR): 745 H Street
City(OSWCR): San Diego
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1994-011725
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 196 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 196 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0234787	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0015926	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0151875	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1994-011727	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	196 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	196 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2012-008762	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	199 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	199 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0212110	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0145080	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0009193	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0329278	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0027073	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0060460	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0208344	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0253093	Decimal Lat(OSWCR):	32.63532

Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0211752	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0154688	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0047958	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		

Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0275387
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2006-013217
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 640-692 E Street
City: Chula Vista
County: San Diego
Location(OSWCR): 640-692 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2003-015924
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 199 Broadway
City: Chula Vista

Wells and Additional Sources Detail Report

County: San Diego
Location(OSWCR): 199 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2013-012242
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 745 H Street
City: San Diego
County: San Diego
Location(OSWCR): 745 H Street
City(OSWCR): San Diego
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1988-016392
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 707 F Street
City: Chula Vista
County: San Diego
Location(OSWCR): 707 F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2000-012268
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 720 H St, Woodlawn Ave, Arco Facility 19
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H St, Woodlawn Ave, Arco Facility 19

City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1999-009864
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: H Street
City: Chula Vista
County: San Diego
Location(OSWCR): H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1988-017799
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: F Street
City: Chula Vista
County: San Diego
Location(OSWCR): F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1988-016396
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 707 F Street
City: Chula Vista
County: San Diego
Location(OSWCR): 707 F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2000-012267
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 720 H St, Woodlawn Ave, Arco Facility 19
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H St, Woodlawn Ave, Arco Facility 19
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-009757
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 695 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 695 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2011-008748
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 745 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 745 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1988-017804	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	F Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	F Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1995-011996	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	640-692 E Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	640-692 E Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1988-017802	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	F Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	F Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2006-013216	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	640-692 E Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	640-692 E Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2015-001227	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	720 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	720 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2013-012244	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	745 H Street		
City:	San Diego		
County:	San Diego		
Location(OSWCR):	745 H Street		
City(OSWCR):	San Diego		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR1988-017801	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	F Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	F Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1997-011040	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	695 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	695 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2012-008859	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	666 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	666 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2012-009754	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	698 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	698 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1988-015003	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):			
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1997-010484	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	707 E Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	707 E Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1988-016393	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268

Decimal Longitude: -117.09268
Location: 707 F Street
City: Chula Vista
County: San Diego
Location(OSWCR): 707 F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0090383
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2015-001226
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 720 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0115459
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:

City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0127772
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1995-011995
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 640-692 E Street
City: Chula Vista
County: San Diego
Location(OSWCR): 640-692 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2015-001225
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 720 H Street
City: Chula Vista
County: San Diego

Location(OSWCR): 720 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0165815
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0032354
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0284075
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):

County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-009019
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 745 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 745 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0008472
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR0151876
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0241409	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0309544	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0119842	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0154689	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2012-008827	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	666 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	666 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0295685	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0223702	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0099537	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0307993	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1994-011724	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	196 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	196 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1983-006301	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	965 F Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	965 F Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2005-012178	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	692, 698 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	692, 698 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1997-011005	Decimal Lat(OSWCR):	32.63532

Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	695 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	695 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2013-009376	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	245 Woodlawn Avenue		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	245 Woodlawn Avenue		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2005-012177	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	692, 698 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	692, 698 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2006-013195	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		

Wells and Additional Sources Detail Report

Location: 640-692 E Street
City: Chula Vista
County: San Diego
Location(OSWCR): 640-692 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2013-012240
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 745 H Street
City: San Diego
County: San Diego
Location(OSWCR): 745 H Street
City(OSWCR): San Diego
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-008761
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 199 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 199 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1986-011013
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: Bay Blvd
City: Chula Vista

Wells and Additional Sources Detail Report

County: San Diego
Location(OSWCR): Bay Blvd
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-009756
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 695 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 695 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-009755
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 502 Woodlawn Avenue
City: Chula Vista
County: San Diego
Location(OSWCR): 502 Woodlawn Avenue
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2013-012241
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 745 H Street
City: San Diego
County: San Diego
Location(OSWCR): 745 H Street

City(OSWCR): San Diego
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1996-010503
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 720 PRODUCTS CO
City: Chula Vista
County: San Diego
Location(OSWCR): 720 PRODUCTS CO
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2012-008858
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 666 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 666 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1986-011012
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: Bay Blvd
City: Chula Vista
County: San Diego
Location(OSWCR): Bay Blvd
City(OSWCR): Chula Vista
County(OSWCR): San Diego

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1988-016391
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 707 F Street
City: Chula Vista
County: San Diego
Location(OSWCR): 707 F Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR1997-011041
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 695 H Street
City: Chula Vista
County: San Diego
Location(OSWCR): 695 H Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No: WCR2011-010670
Decimal Lat(OSWCR): 32.63532
Decimal Latitude: 32.63532
Decim Long(OSWCR): -117.09268
Decimal Longitude: -117.09268
Location: 625 E Street
City: Chula Vista
County: San Diego
Location(OSWCR): 625 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1988-016395	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	707 F Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	707 F Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2014-012598	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	Flower Street & Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	Flower Street & Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1997-011006	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	695 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	695 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2012-008857	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	666 H Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	666 H Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR1953-002032	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	PARK WAY		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	PARK WAY		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0090169	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR0199031	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
63	NE	0.34	1,799.90	39.88	WATER WELLS

WCR No:	WCR2013-012379	Decimal Lat(OSWCR):	32.63532
Decimal Latitude:	32.63532	Decim Long(OSWCR):	-117.09268
Decimal Longitude:	-117.09268		
Location:	745 H Street		
City:	San Diego		
County:	San Diego		
Location(OSWCR):	745 H Street		
City(OSWCR):	San Diego		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	E	0.41	2,181.58	41.06	WATER WELLS

WCR No:	WCR2019-002561	Decimal Lat(OSWCR):	
Decimal Latitude:		Decim Long(OSWCR):	
Decimal Longitude:			
Location:	498 Broadway		
City:			
County:	San Diego		
Location(OSWCR):	498 Broadway		
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	E	0.41	2,181.58	41.06	WATER WELLS

WCR No: WCR2019-002562
Decimal Lat(OSWCR):
Decimal Latitude:
Decim Long(OSWCR):
Decimal Longitude:
Location: 498 Broadway
City:
County: San Diego
Location(OSWCR): 498 Broadway
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
64	E	0.41	2,181.58	41.06	WATER WELLS

WCR No: WCR2019-002560
Decimal Lat(OSWCR):
Decimal Latitude:
Decim Long(OSWCR):
Decimal Longitude:
Location: 498 Broadway
City:
County: San Diego
Location(OSWCR): 498 Broadway
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	WSW	0.56	2,930.56	11.32	WATER WELLS

WCR No: WCR2020-001473
Decimal Lat(OSWCR): 32.629545
Decimal Latitude: 32.629545
Decim Long(OSWCR): -117.107903
Decimal Longitude: -117.107903
Location: 520 Marina Park WAY
City: San Diego
County: San Diego
Location(OSWCR): 520 Marina Park WAY
City(OSWCR): San Diego
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
66	N	0.43	2,247.26	27.99	WATER WELLS

WCR No: WCR2020-005847
Decimal Lat(OSWCR): 32.640193
Decimal Latitude: 32.640193
Decim Long(OSWCR): -117.1

Decimal Longitude: -117.1
Location: 789 E Street ST
City: Chula Vista
County: San Diego
Location(OSWCR): 789 E Street ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR0130368
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR0076249
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2002-012497
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: Canyon Drive

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City: Chula Vista
County: San Diego
Location(OSWCR): Canyon Drive
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2015-001094
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: 1035 Gunpoint Drive
City: Chula Vista
County: San Diego
Location(OSWCR): 1035 Gunpoint Drive
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2002-012496
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: Canyon Drive
City: Chula Vista
County: San Diego
Location(OSWCR): Canyon Drive
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2015-001095
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: 1035 Gunpoint Drive
City: Chula Vista
County: San Diego

Wells and Additional Sources Detail Report

Location(OSWCR): 1035 Gunpoint Drive
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR1952-001842
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: E Street, RAILRD
City: Chula Vista
County: San Diego
Location(OSWCR): E Street, RAILRD
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2015-001091
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: 1035 Gunpoint Drive
City: Chula Vista
County: San Diego
Location(OSWCR): 1035 Gunpoint Drive
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2000-010010
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: TIJUANA RIVER VALLEY PARK
City: San Diego
County: San Diego
Location(OSWCR): TIJUANA RIVER VALLEY PARK
City(OSWCR): San Diego

County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2015-001090
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: 1035 Gunpoint Drive
City: Chula Vista
County: San Diego
Location(OSWCR): 1035 Gunpoint Drive
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2002-012495
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: Canyon Drive
City: Chula Vista
County: San Diego
Location(OSWCR): Canyon Drive
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No: WCR2015-001092
Decimal Lat(OSWCR): 32.63693
Decimal Latitude: 32.63693
Decim Long(OSWCR): -117.10641
Decimal Longitude: -117.10641
Location: 1035 Gunpoint Drive
City: Chula Vista
County: San Diego
Location(OSWCR): 1035 Gunpoint Drive
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No:	WCR2015-001093	Decimal Lat(OSWCR):	32.63693
Decimal Latitude:	32.63693	Decim Long(OSWCR):	-117.10641
Decimal Longitude:	-117.10641		
Location:	1035 Gunpoint Drive		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	1035 Gunpoint Drive		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
67	NW	0.45	2,399.78	13.03	WATER WELLS

WCR No:	WCR2002-012494	Decimal Lat(OSWCR):	32.63693
Decimal Latitude:	32.63693	Decim Long(OSWCR):	-117.10641
Decimal Longitude:	-117.10641		
Location:	Canyon Drive		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	Canyon Drive		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	N	0.44	2,319.49	40.46	WATER WELLS

WCR No:	WCR2019-005682	Decimal Lat(OSWCR):	32.640531
Decimal Latitude:	32.640531	Decim Long(OSWCR):	-117.0978227
Decimal Longitude:	-117.0978227		
Location:	640 E ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	640 E ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	N	0.44	2,319.49	40.46	WATER WELLS

WCR No:	WCR2019-005571	Decimal Lat(OSWCR):	32.640531
Decimal Latitude:	32.640531	Decim Long(OSWCR):	-117.0978227
Decimal Longitude:	-117.0978227		
Location:	640 E ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	640 E ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	N	0.44	2,319.49	40.46	WATER WELLS

WCR No:	WCR2019-005683	Decimal Lat(OSWCR):	32.640531
Decimal Latitude:	32.640531	Decim Long(OSWCR):	-117.0978227
Decimal Longitude:	-117.0978227		
Location:	640 E ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	640 E ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	N	0.44	2,319.49	40.46	WATER WELLS

WCR No:	WCR2019-005681	Decimal Lat(OSWCR):	32.640531
Decimal Latitude:	32.640531	Decim Long(OSWCR):	-117.0978227
Decimal Longitude:	-117.0978227		
Location:	640 E ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	640 E ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
69	NNW	0.45	2,354.79	20.29	WATER WELLS

WCR No:	WCR2020-005885	Decimal Lat(OSWCR):	32.640141
Decimal Latitude:	32.640141	Decim Long(OSWCR):	-117.101394
Decimal Longitude:	-117.101394		
Location:	789 E Street ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	789 E Street ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
70	SW	0.54	2,829.52	10.95	WATER WELLS

WCR No:	WCR2020-001474	Decimal Lat(OSWCR):	32.62521
Decimal Latitude:	32.62521	Decim Long(OSWCR):	-117.105713
Decimal Longitude:	-117.105713		
Location:	520 Marina Park WAY		
City:	San Diego		
County:	San Diego		
Location(OSWCR):	520 Marina Park WAY		
City(OSWCR):	San Diego		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
71	NNW	0.46	2,402.95	20.35	WATER WELLS

WCR No:	WCR2020-005884	Decimal Lat(OSWCR):	32.640292
Decimal Latitude:	32.640292	Decim Long(OSWCR):	-117.101354
Decimal Longitude:	-117.101354		
Location:	789 E Street ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	789 E Street ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	ENE	0.65	3,443.56	52.19	WATER WELLS

WCR No:	WCR2020-009410	Decimal Lat(OSWCR):	32.634047
Decimal Latitude:	32.634047	Decim Long(OSWCR):	-117.086616
Decimal Longitude:	-117.086616		
Location:	455 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	455 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	ENE	0.65	3,443.56	52.19	WATER WELLS

WCR No:	WCR2020-009411	Decimal Lat(OSWCR):	32.634047
Decimal Latitude:	32.634047	Decim Long(OSWCR):	-117.086616
Decimal Longitude:	-117.086616		
Location:	455 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	455 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	ENE	0.65	3,443.56	52.19	WATER WELLS

WCR No:	WCR2020-009412	Decimal Lat(OSWCR):	32.634047
Decimal Latitude:	32.634047	Decim Long(OSWCR):	-117.086616
Decimal Longitude:	-117.086616		
Location:	455 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	455 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
72	ENE	0.65	3,443.56	52.19	WATER WELLS

WCR No:	WCR2020-009409	Decimal Lat(OSWCR):	32.634047

Decimal Latitude:	32.634047	Decim Long(OSWCR):	-117.086616
Decimal Longitude:	-117.086616		
Location:	455 H ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	455 H ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2013-008978	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	916 Broadway & 621 L Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	916 Broadway & 621 L Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2008-010985	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2014-012018	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		

Wells and Additional Sources Detail Report

Location: 902 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR1995-010032
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: NAPLES ST E/O 4TH ST
City: Chula Vista
County: San Diego
Location(OSWCR): NAPLES ST E/O 4TH ST
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0217228
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0143712
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:

County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0306827
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0215216
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0061411
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:
County: San Diego
Location(OSWCR):

City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2014-012016
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 902 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2008-012140
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 902 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2014-012013
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 902 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0071468
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0225142
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0015777
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR0008473	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR0290239	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR0215711	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR0114094	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR0132600	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2011-010372	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	990 Bay Boulevard		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	990 Bay Boulevard		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR0316624	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2008-012141	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2014-012051	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2000-012328	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	600 block Madison Avenue		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	600 block Madison Avenue		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2011-010371	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	990 Bay Boulevard		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	990 Bay Boulevard		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2008-010986	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2011-010383	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218

Decimal Longitude: -117.09218
Location: 990 Bay Boulevard
City: Chula Vista
County: San Diego
Location(OSWCR): 990 Bay Boulevard
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2013-009087
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 916 Broadway & 621 L Street
City: Chula Vista
County: San Diego
Location(OSWCR): 916 Broadway & 621 L Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2014-012015
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 902 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2014-012055
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 902 Broadway

City: Chula Vista
County: San Diego
Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2013-008979
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 916 Broadway & 621 L Street
City: Chula Vista
County: San Diego
Location(OSWCR): 916 Broadway & 621 L Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR1997-010551
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 899 BRDWAY
City: San Diego
County: San Diego
Location(OSWCR): 899 BRDWAY
City(OSWCR): San Diego
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2014-012014
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 902 Broadway
City: Chula Vista
County: San Diego

Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR1998-010355
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: Bay Blvd
City: Chula Vista
County: San Diego
Location(OSWCR): Bay Blvd
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2014-012050
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 902 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2008-012142
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 902 Broadway
City: Chula Vista
County: San Diego
Location(OSWCR): 902 Broadway
City(OSWCR): Chula Vista

County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR1999-010671
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: South Bay Power Plant, Bay Blvd
City: Chula Vista
County: San Diego
Location(OSWCR): South Bay Power Plant, Bay Blvd
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR2011-010465
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location: 990 Bay Boulevard
City: Chula Vista
County: San Diego
Location(OSWCR): 990 Bay Boulevard
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No: WCR0207564
Decimal Lat(OSWCR): 32.62153
Decimal Latitude: 32.62153
Decim Long(OSWCR): -117.09218
Decimal Longitude: -117.09218
Location:
City:
County: San Diego
Location(OSWCR):
City(OSWCR):
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water

Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR1995-010035	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	NAPLES ST E/O 4TH ST		
City:	San Diego		
County:	San Diego		
Location(OSWCR):	NAPLES ST E/O 4TH ST		
City(OSWCR):	San Diego		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR1999-010677	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	Bay Way		
City:	San Diego		
County:	San Diego		
Location(OSWCR):	Bay Way		
City(OSWCR):	San Diego		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2013-009084	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	916 Broadway & 621 L Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	916 Broadway & 621 L Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2014-012054	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2014-012021	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2014-012017	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR0151877	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2011-010374	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	990 Bay Boulevard		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	990 Bay Boulevard		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR0090171	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:			
City:			
County:	San Diego		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2013-009083	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	916 Broadway & 621 L Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	916 Broadway & 621 L Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2011-010373	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	990 Bay Boulevard		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	990 Bay Boulevard		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2014-012053	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2008-010984	Decimal Lat(OSWCR):	32.62153

Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
73	SSE	0.59	3,094.10	17.55	WATER WELLS

WCR No:	WCR2014-012052	Decimal Lat(OSWCR):	32.62153
Decimal Latitude:	32.62153	Decim Long(OSWCR):	-117.09218
Decimal Longitude:	-117.09218		
Location:	902 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	902 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
74	E	0.74	3,890.38	60.30	WATER WELLS

WCR No:	WCR2022-006725	Decimal Lat(OSWCR):	32.6301605
Decimal Latitude:	32.6301605	Decim Long(OSWCR):	-117.0842688
Decimal Longitude:	-117.0842688		
Location:	515 BROADWAY		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	515 BROADWAY		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
75	E	0.74	3,894.62	61.02	WATER WELLS

WCR No:	WCR2022-006400	Decimal Lat(OSWCR):	32.6300886
Decimal Latitude:	32.6300886	Decim Long(OSWCR):	-117.0842474
Decimal Longitude:	-117.0842474		

Wells and Additional Sources Detail Report

Location:	515 BROADWAY
City:	CHULA VISTA
County:	San Diego
Location(OSWCR):	515 BROADWAY
City(OSWCR):	CHULA VISTA
County(OSWCR):	San Diego
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	SE	0.66	3,481.42	43.39	WATER WELLS

WCR No:	WCR2019-004387	Decimal Lat(OSWCR):	32.624261
Decimal Latitude:	32.624261	Decim Long(OSWCR):	-117.087121
Decimal Longitude:	-117.087121		
Location:	701 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	701 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	SE	0.66	3,481.42	43.39	WATER WELLS

WCR No:	WCR2019-004389	Decimal Lat(OSWCR):	32.624261
Decimal Latitude:	32.624261	Decim Long(OSWCR):	-117.087121
Decimal Longitude:	-117.087121		
Location:	701 Broadway		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	701 Broadway		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
76	SE	0.66	3,481.42	43.39	WATER WELLS

WCR No:	WCR2019-004388	Decimal Lat(OSWCR):	32.624261
Decimal Latitude:	32.624261	Decim Long(OSWCR):	-117.087121
Decimal Longitude:	-117.087121		
Location:	701 Broadway		
City:	Chula Vista		

Wells and Additional Sources Detail Report

County: San Diego
Location(OSWCR): 701 Broadway
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
77	E	0.74	3,912.61	61.07	WATER WELLS

WCR No: WCR2022-003850
Decimal Lat(OSWCR): 32.6300964
Decimal Latitude: 32.6300964
Decim Long(OSWCR): -117.0841895
Decimal Longitude: -117.0841895
Location: 515 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 515 BROADWAY
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	E	0.74	3,932.07	60.15	WATER WELLS

WCR No: WCR2022-006724
Decimal Lat(OSWCR): 32.6298002
Decimal Latitude: 32.6298002
Decim Long(OSWCR): -117.0840998
Decimal Longitude: -117.0840998
Location: 515 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 515 BROADWAY
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
78	E	0.74	3,932.07	60.55	WATER WELLS

WCR No: WCR2022-003854
Decimal Lat(OSWCR): 32.6298246
Decimal Latitude: 32.6298246
Decim Long(OSWCR): -117.0841037
Decimal Longitude: -117.0841037
Location: 515 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 515 BROADWAY

City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	E	0.75	3,939.39	60.15	WATER WELLS

WCR No: WCR2022-006399
Decimal Lat(OSWCR): 32.6297296
Decimal Latitude: 32.6297296
Decim Long(OSWCR): -117.0840824
Decimal Longitude: -117.0840824
Location: 515 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 515 BROADWAY
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
79	E	0.75	3,939.39	60.34	WATER WELLS

WCR No: WCR2022-003848
Decimal Lat(OSWCR): 32.6297448
Decimal Latitude: 32.6297448
Decim Long(OSWCR): -117.0840636
Decimal Longitude: -117.0840636
Location: 515 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 515 BROADWAY
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
80	E	0.75	3,954.52	60.34	WATER WELLS

WCR No: WCR2022-003919
Decimal Lat(OSWCR): 32.6297966
Decimal Latitude: 32.6297966
Decim Long(OSWCR): -117.0840276
Decimal Longitude: -117.0840276
Location: 565 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 565 BROADWAY
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
81	E	0.75	3,974.37	60.39	WATER WELLS

WCR No: WCR2022-003925
Decimal Lat(OSWCR): 32.6299094
Decimal Latitude: 32.6299094
Decim Long(OSWCR): -117.0839713
Decimal Longitude: -117.0839713
Location: 565 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 565 BROADWAY
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
82	E	0.76	3,992.63	60.39	WATER WELLS

WCR No: WCR2022-003924
Decimal Lat(OSWCR): 32.6299801
Decimal Latitude: 32.6299801
Decim Long(OSWCR): -117.0839177
Decimal Longitude: -117.0839177
Location: 565 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 565 BROADWAY
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
83	E	0.76	3,990.68	60.32	WATER WELLS

WCR No: WCR2022-003927
Decimal Lat(OSWCR): 32.6297919
Decimal Latitude: 32.6297919
Decim Long(OSWCR): -117.0839096
Decimal Longitude: -117.0839096
Location: 565 BROADWAY
City: CHULA VISTA
County: San Diego
Location(OSWCR): 565 BROADWAY
City(OSWCR): CHULA VISTA
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	SSE	0.65	3,422.30	20.62	WATER WELLS

WCR No:	WCR2020-016832	Decimal Lat(OSWCR):	32.6209001
Decimal Latitude:	32.6209001	Decim Long(OSWCR):	-117.0913401
Decimal Longitude:	-117.0913401		
Location:	741 Kearny ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	741 Kearny ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
84	SSE	0.65	3,422.30	20.62	WATER WELLS

WCR No:	WCR2020-016834	Decimal Lat(OSWCR):	32.6209001
Decimal Latitude:	32.6209001	Decim Long(OSWCR):	-117.0913401
Decimal Longitude:	-117.0913401		
Location:	742 Kearny ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	742 Kearny ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
85	E	0.76	4,003.03	60.20	WATER WELLS

WCR No:	WCR2022-003922	Decimal Lat(OSWCR):	32.6297494
Decimal Latitude:	32.6297494	Decim Long(OSWCR):	-117.0838667
Decimal Longitude:	-117.0838667		
Location:	565 BROADWAY		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	565 BROADWAY		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
86	E	0.76	4,019.74	60.27	WATER WELLS

WCR No:	WCR2022-003928	Decimal Lat(OSWCR):	32.6297176
Decimal Latitude:	32.6297176	Decim Long(OSWCR):	-117.0838104
Decimal Longitude:	-117.0838104		
Location:	565 BROADWAY		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	565 BROADWAY		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
87	E	0.77	4,040.81	59.63	WATER WELLS

WCR No:	WCR2022-003918	Decimal Lat(OSWCR):	32.6298802
Decimal Latitude:	32.6298802	Decim Long(OSWCR):	-117.0837527
Decimal Longitude:	-117.0837527		
Location:	565 BROADWAY		
City:	CHULA VISTA		
County:	San Diego		
Location(OSWCR):	565 BROADWAY		
City(OSWCR):	CHULA VISTA		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
88	ENE	0.88	4,645.11	59.05	WATER WELLS

WCR No:	WCR2017-004410	Decimal Lat(OSWCR):	32.6377778
Decimal Latitude:	32.6377778	Decim Long(OSWCR):	-117.0838889
Decimal Longitude:	-117.0838889		
Location:	4th Ave & Park Way		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	4th Ave & Park Way		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
91	NE	0.91	4,826.93	78.54	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR2015-002966	Decimal Lat(OSWCR):	32.6432461
Decimal Latitude:	32.6432461	Decim Long(OSWCR):	-117.0869239
Decimal Longitude:	-117.0869239		
Location:	435 E ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	435 E ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
92	NE	0.93	4,914.83	75.38	WATER WELLS

WCR No:	WCR2019-002219	Decimal Lat(OSWCR):	32.6428397
Decimal Latitude:	32.6428397	Decim Long(OSWCR):	-117.0861172
Decimal Longitude:	-117.0861172		
Location:	407 E Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	407 E Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
93	NE	0.94	4,953.36	77.44	WATER WELLS

WCR No:	WCR2019-002218	Decimal Lat(OSWCR):	32.6431041
Decimal Latitude:	32.6431041	Decim Long(OSWCR):	-117.0862191
Decimal Longitude:	-117.0862191		
Location:	407 E Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	407 E Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
94	NE	0.97	5,100.25	77.32	WATER WELLS

Wells and Additional Sources Detail Report

WCR No:	WCR2016-000835	Decimal Lat(OSWCR):	32.6433556
Decimal Latitude:	32.6433556	Decim Long(OSWCR):	-117.0858450
Decimal Longitude:	-117.0858450		
Location:	440 E ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	440 E ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
96	NE	0.96	5,085.61	76.94	WATER WELLS

WCR No:	WCR2016-000837	Decimal Lat(OSWCR):	32.6440624
Decimal Latitude:	32.6440624	Decim Long(OSWCR):	-117.0866882
Decimal Longitude:	-117.0866882		
Location:	436 Fern ST		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	436 Fern ST		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
97	NE	0.97	5,134.70	78.11	WATER WELLS

WCR No:	WCR2019-002225	Decimal Lat(OSWCR):	32.643608
Decimal Latitude:	32.643608	Decim Long(OSWCR):	-117.085959
Decimal Longitude:	-117.085959		
Location:	407 E Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	407 E Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
98	NE	0.97	5,137.99	78.74	WATER WELLS

WCR No:	WCR2019-012388	Decimal Lat(OSWCR):	32.643659
Decimal Latitude:	32.643659	Decim Long(OSWCR):	-117.085999

Decimal Longitude: -117.085999
Location: 407 East Street
City: Chula Vista
County: San Diego
Location(OSWCR): 407 East Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
99	NE	0.98	5,197.86	76.81	WATER WELLS

WCR No: WCR2019-002217
Decimal Lat(OSWCR): 32.6431943
Decimal Latitude: 32.6431943
Decim Long(OSWCR): -117.0852706
Decimal Longitude: -117.0852706
Location: 407 E Street
City: Chula Vista
County: San Diego
Location(OSWCR): 407 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
100	NE	0.98	5,174.01	78.81	WATER WELLS

WCR No: WCR2019-012385
Decimal Lat(OSWCR): 32.643633
Decimal Latitude: 32.643633
Decim Long(OSWCR): -117.085814
Decimal Longitude: -117.085814
Location: 407 East Street
City: Chula Vista
County: San Diego
Location(OSWCR): 407 East Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
101	NE	0.98	5,192.46	79.03	WATER WELLS

WCR No: WCR2019-002226
Decimal Lat(OSWCR): 32.643711
Decimal Latitude: 32.643711
Decim Long(OSWCR): -117.085816
Decimal Longitude: -117.085816
Location: 407 E Street

City: Chula Vista
County: San Diego
Location(OSWCR): 407 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
102	NE	0.99	5,200.99	79.03	WATER WELLS

WCR No: WCR2019-002227
Decimal Lat(OSWCR): 32.643715
Decimal Latitude: 32.643715
Decim Long(OSWCR): -117.085783
Decimal Longitude: -117.085783
Location: 407 E Street
City: Chula Vista
County: San Diego
Location(OSWCR): 407 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
103	NE	0.99	5,226.89	77.76	WATER WELLS

WCR No: WCR2019-002216
Decimal Lat(OSWCR): 32.6434012
Decimal Latitude: 32.6434012
Decim Long(OSWCR): -117.0853502
Decimal Longitude: -117.0853502
Location: 407 E Street
City: Chula Vista
County: San Diego
Location(OSWCR): 407 E Street
City(OSWCR): Chula Vista
County(OSWCR): San Diego
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
104	NE	0.99	5,227.86	79.03	WATER WELLS

WCR No: WCR2019-002228
Decimal Lat(OSWCR): 32.643786
Decimal Latitude: 32.643786
Decim Long(OSWCR): -117.085741
Decimal Longitude: -117.085741
Location: 407 E Street
City: Chula Vista
County: San Diego

Wells and Additional Sources Detail Report

Location(OSWCR):	407 E Street
City(OSWCR):	Chula Vista
County(OSWCR):	San Diego
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
105	NE	1.00	5,275.76	78.03	WATER WELLS

WCR No:	WCR2019-012386	Decimal Lat(OSWCR):	32.643871
Decimal Latitude:	32.643871	Decim Long(OSWCR):	-117.085622
Decimal Longitude:	-117.085622		
Location:	407 East Street		
City:	Chula Vista		
County:	San Diego		
Location(OSWCR):	407 East Street		
City(OSWCR):	Chula Vista		
County(OSWCR):	San Diego		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *SAN DIEGO* County: **3**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *SAN DIEGO* County

No Measures/Homes:	39
Geometric Mean:	0.4
Arithmetic Mean:	0.6
Median:	0.6
Standard Deviation:	0.6
Maximum:	2.4
% >4 pCi/L:	0
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well,

Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

State Sources

Oil and Gas Wells **OGW**

A list of Oil and Gas well locations. This is provided by California's Department of Conservation Division of Oil, Gas and Geothermal Resources.

Periodic Groundwater Level Measurement Locations **MONITOR WELLS**

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

Well Completion Reports **WATER WELLS**

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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APPENDIX D: QUALIFICATIONS

PARTNER

PARTNER

Heather Hodgetts
Senior Scientist

Education
B.A. in Earth Sciences, University of Southern California

Training
40-Hour OSHA-approved Health & Safety Training
8-hour OSHA HAZWOPER Annual Refresher

Highlights
20 years in the environmental consulting industry
Phase I Environmental Site Assessments
Phase II and III Subsurface Investigations

Experience Summary
As a Senior Scientist for due diligence services within the Investment Advisory Group, Ms. Hodgetts focuses on providing solutions to clients' due diligence and engineering needs and sharing years of expertise with staff and clients. Previously, Ms. Hodgetts was a Senior Environmental Scientist for a Fortune 500 company and was responsible for managing due diligence projects throughout the United States.

Ms. Hodgetts has performed hundreds of Phase I Environmental Site Assessments, Third Party Reviews, Due Diligence Audits, and Record Search, Phase II Subsurface Investigations, Underground Storage Tank Investigations, Remedial Investigations, Limited asbestos surveys, Lead-based paint surveys, Radon Studies, and Lead-in-water sampling and analysis.

Ms. Hodgetts has worked with various clients including: individual investors, institutional investors, private and institutional equity companies, insurance companies, attorneys, brokers, developers, and multiple lenders.

Project Experience
Phase I Environmental Site assessments

Ms. Hodgetts has performed Phase I Environmental Site Assessments of commercial, residential, and industrial properties including schools, shopping centers, industrial parks, manufacturing facilities, drycleaners and gasoline stations.

Subsurface Investigations

Conducted soil and groundwater assessments at County of San Diego Department of Public Works Road Stations throughout San Diego County. Activities included field oversight of groundwater monitoring well installation using mud-rotary, air-rotary, and hollow-stem augers; soil and groundwater sampling; receptor surveys; and installed monitoring wells and soil borings.

Environmental Regulatory Compliance

Assisted in environmental regulatory compliance audit and ownership transfer activities. The audit included coordinating with local agencies to transfer environmental permits for air, wastewater, hazardous waste, and medical waste.

Storage Tank Programs

Completed UST Closure Reports, Limited Site Assessments, Soil Assessment Reports, Soil Closure Reports, and Corrective Action Plans for submittal to regulatory agencies for UST sites owned by various industrial and government entities.

School District Investigations

Worked in-house for San Diego Unified School District (SDUSD) for 15 months completing the environmental due diligence for Proposition MM, a bond measure passed by voters to fund modernization of 165 existing school and construction of 16 new/rebuilt schools. Activities included: conducting Phase I ESAs for proposed school sites, including information relevant to the California Department of Education (CDE) School Site Selection and Approval Guide; submitting Phase I ESAs for EPA Department of Toxic Substances Control review; preparing Public Participations Plans and assisting with public meeting presentations; and submitting site packages to CDE for site approval. In addition to SDUSD, Ms. Hodgetts has also worked on Los Angeles Unified School District, Coronado Unified School District, and Lake Elsinore Unified School District sites.

Subsurface Investigations

Conducted soil and groundwater assessments at County of San Diego Department of Public Works Road Stations throughout San Diego County. Activities included field oversight of groundwater monitoring well installation using mud-rotary, air-rotary, and hollow-stem augers; soil and groundwater sampling; receptor surveys; and installed monitoring wells and soil borings.

Environmental Regulatory Compliance

Assisted in environmental regulatory compliance audit and ownership transfer activities. The audit included coordinating with local agencies to transfer environmental permits for air, wastewater, hazardous waste, and medical waste.

Cellular Telephone Investigations

Performed environmental assessments for cellular telephone antenna installations for a major cellular operator. Tasks included: inspections of numerous buildings, installations, additions, collocations, and vacant land; and asbestos and lead sampling at these facilities throughout southern California.

Contact

hhodgettsl@partneresi.com

PARTNER

Debbie Stott, P.G.
Nevada CEM - Technical Director

Education
BA Geology, The Ohio State University

Registrations
California Professional Geologist No. 6221
Nevada Certified Environmental Manager No. 2359

Training
OSHA, Hazardous Waste Operator (HAZWOPER) 40 hour Certification
AHERA Certified Asbestos Inspector
Certified Project Manager

Highlights
Over 28 years of experience in the environmental service industry with a focus on due diligence assessments
Knowledgeable with ASTM, EPA's All Appropriate Inquiry (AAI), and customized client formats.
100+ Phase I Environmental Site Assessments

Experience Summary
As Technical Director for due diligence services as part of the Investment Advisory Group, Ms. Stott focuses on report quality, client service, and sharing her years of expertise with staff and clients.

Ms. Stott has performed hundreds of Phase I Environmental Site Assessments, Third Party Reviews, Due Diligence Audits, Record Search and Risk Assessments, Phase II and III Subsurface Investigations, Underground storage tank investigations, Remedial Investigations, Radon Studies, Mold Assessments, Methane Surveys, Indoor Air Quality Assessments, and Lead-in-water sampling and analysis.

Clients have varied and have included: individual investors, City of Los Angeles Agencies, Los Angeles County, City of Anaheim, institutional investors, private and institutional equity companies, insurance companies, attorneys, brokers, developers, and multiple lenders.

Project Experience
Ms. Stott has conducted, managed and directed thousands of ESAs throughout her career and has been Senior Project Manager for hundreds of site investigations, characterization studies and remediation projects throughout California and the US. The following select projects summarize her experience and due diligence background:

Transaction Due Diligence
Project Manager, Western US and Southern California, LBA Realty - For over 17 years performed due diligence services related to real estate transfers as well as asset refinances for LBA Realty. The relationship requires close coordination and communication with property managers and representatives to provide a smooth process with client and lenders. Services have also included review of third party reports, asbestos surveys, subsurface investigations, and development of soil management plans. Many projects involved multiple locations in several states thus requiring coordination with other offices and client contacts.

Environmental Lead, West Coast, Barings, LLC (Barings) - Ms. Stott assists with management and review of environmental due diligence and environmental actions associated with acquisitions, property development, joint venture developments, property divestments and finance group loan transactions. Environmental due diligence includes Phase I ESAs, Phase II ESAs, indoor air quality assessments, mold assessment and mitigation planning, providing third party review, asbestos investigations, asbestos abatement, operation and maintenance plan development, remedial action development and implementation, regulatory correspondence and permitting.

Phase I ESAs – multiple clients throughout US - Ms. Stott manages and oversees preparation of Phase I Environmental Site Assessments for several confidential clients. All are completed to ASTM guidelines with various special criteria specific to each client.

Subsurface Investigations/Vapor Intrusion

Project Manager, Whittier, CA, Confidential Client - Conducted several investigations to evaluate the potential for vapor intrusion associated with contaminated groundwater into client buildings. At one location a horizontal well system was installed to passively vent vapors. Site investigations involved the installation of multiple, multi-depth vapor probes through the property to map the plume and to assist in decision making for potential further investigation. Data collected from both soil vapor and indoor air monitoring was subjected to risk assessment in order to determine if indoor air quality had been negatively impacted and engineering controls needed to protect workers. Client was able to purchase and redevelop portions of the desired parcels for use as parking.

Project Manager and Environmental Lead, Berkeley, CA, LBA Realty - Evaluation of potential risks associated with the presence of trichloroethylene (TCE) and breakdown products cis 1,2- dichloroethene (cis 1,2-DCE) and vinyl chloride (VC), and methyl tert butyl ether (MTBE) in groundwater and ambient air at an existing building in Berkeley, CA. Worked with outside counsel to evaluate, summarize, and present the risks and potential risks of continued investment in the property. Remedial systems were installed under DTSC oversight, risk assessment performed and the building remodeled and reused for office space.

Municipal/State Contracts

Project Manager, ESAs for City of Anaheim widening of Lincoln Avenue - As a subcontractor to the geotechnical consultant, Partner provided Environmental Site Assessments for multiple properties along the project alignment. The parcel uses ranged from car wash, to older office and motel properties, automotive repair, banks, public school, and a church. Partner finished the multi-site project on time and within budget.

Contact

Dstott@partneresi.com

PARTNER

Michael P. Arias
National Technical Director
Institutional PCA Group

Education

B.S. Urban and Regional Planning, California State Polytechnic University, Pomona, CA

Training

Safety Assessment Volunteer, State of California

Highlights

35 years in the architectural and construction fields
Extensive knowledge of real estate due diligence
25 years of experience with institutional and private clients
Acquisitions/dispositions and mortgage lending property condition assessments
Construction monitoring services

Experience Summary

Partner Engineering and Science, Inc. (Partner). The Institutional PCA group produces a more thorough Property Condition Assessment for the institutional and equity client beyond the "ASTM E2018-08 Standard Guide for Property Condition Assessments: Baseline Property Condition Assessment Process". In order to provide a detailed level of assessment, Partner engages both in-house engineers and trade specialists including, but not limited to, structural/seismic engineers, Mechanical/Electrical/Plumbing engineers, Fire/Life Safety and Code specialists and elevator, roof and accessibility specialists.

Mr. Arias has completed hundreds of Property Condition Assessments (PCAs) including planning, field work, report preparation/quality control, and client contact on a myriad of acquisition/disposition projects including: high-rise offices; suburban office; regional and local retail centers; industrial; and multi-family housing projects. He has provided owner's representation services on various projects for institutional investors. Mr. Arias managed the review of numerous document reviews for institutional-level development projects in all disciplines on a variety of projects including office, retail, industrial, multi-family, etc. These reviews consisted of projects noted in the Owner's Representation Services. He has also performed job captain and project manager responsibilities for a design/build general construction firm specializing in industrial concrete tilt-up construction, retail centers and auto dealerships. He has significant knowledge of the accessibility requirements of ADA and FHA, and is currently a candidate for California's CASp (Certified Access Specialist) program.

Additionally, over the past 15 years, Mr. Arias' responsibilities also included evaluation of staff; developing new skills and improving existing skills within the staff; scheduling of personnel; maintaining quality control practices consistent with company goals; and participated in development of protocols and practices to serve national clients of the firm.

Project Experience

Multi-Family Project, Oakland, CA - Organized and led a team of engineers and specialists to conduct an equity-level property condition assessment of a five-story, 300+ unit apartment project in downtown Oakland, CA. The project had been dormant prior to the client purchasing the property, therefore, the client

required a detailed assessment of the building systems but also an assessment of investigation and construction documentation. The team consisted of structural engineers performing a seismic risk assessment; elevator, roof and façade specialists; mechanical, electrical, plumbing and fire/life safety engineers and an acoustical engineer. Mr. Arias assessed all other systems including the ADA and FFHA accessibility elements of the project. Mr. Arias led team in meetings with client and their counsel.

Hospitality Project, San Jose, CA - Organized and led a team of engineers and specialists to conduct an equity-level property condition assessment of a 28-story, 500+ guestroom, 400,000-square foot hospitality project in downtown San Jose, CA. The institutional client required a detailed assessment of the building systems including an assessment of the façade from the building's swing stage due to observed water intrusion issues. The team consisted of structural engineers performing a seismic risk assessment; elevator, roof and façade specialists; mechanical, electrical, plumbing and fire/life safety engineers, as well as a specialist to sample the fire sprinkler water to identify microbial influence corrosion (MIC) in the fire sprinkler piping system. Mr. Arias assessed all other systems including the ADA accessibility elements of the project.

Retail Project, Emeryville, CA - Organized and led a team of engineers and specialists to conduct an equity-level property condition assessment of a popular and active 800,000-square foot mixed-use project in Emeryville, CA. The institutional client required a detailed assessment of the building systems including destructive testing of several locations of the façade to confirm construction of the exterior walls. The team consisted of structural engineers performing a seismic risk assessment, roof and façade specialists, mechanical, electrical, plumbing and fire/life safety engineers. Mr. Arias assessed all other systems including the ADA accessibility elements of the project.

Senior Housing Portfolio, Numerous Sites in US - Assisted with organizing teams to conduct disposition property condition assessments of 30 senior housing projects throughout the West and Midwest. The client required a summary of issues identified by the field assessors. Mr. Arias reviewed all property condition assessments for accuracy and quality control.

Owners' Representation Services - Mr. Arias has provided owner's representation services on various projects for institutional investors, including recent developments of numerous 50 to 250-unit multi-family projects in Santa Monica, Los Angeles, and Glendale, CA., several concrete tilt-up industrial developments in the Inland Empire area of Southern California and San Diego totaling over 1 million square feet; major hospitality projects consisting of the W-Hotel and Manchester Grand Hyatt Hotel in San Diego and several large "big box" retail centers in the San Fernando Valley in Southern California.

Project Management Services, Southern California - Mr. Arias managed staff and performed Project Management services on numerous projects including reconstruction of balcony decks of an existing multi-family project in Pasadena, California; forensic analysis and resealing of a plaza deck, also in Pasadena and an exterior wall repair, plaza deck waterproofing, and structural repair project for a homeowner association of a large condominium project in Marina del Rey.

Affiliations American Institute of Architects, Associate
Certified Access Specialist Institute, Associate
International Code Council

Contact

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